

HENDERSON



Sliding and Folding Door Hardware **The Complete Product Range**

Volume 2



HENDERSON

Making things slide since 1921

Established in 1921, P C Henderson has been creating the highest quality sliding and folding door hardware for over 95 years. Our products can be seen in a wide variety of residential, commercial and industrial applications across the world.

Our expertly designed hardware systems are perfect for saving space, increasing natural light, creating flexible spaces and providing hard-wearing solutions for virtually any type of application.

Applications include wardrobe & cupboard doors, pocket doors, internal doors, exterior doors, room dividers, office partitions, shop fronts, large industrial doors as well as bespoke systems. Wherever a sliding or folding door can work, we offer a solution.



Based in Co. Durham, UK our manufacturing plant is one of the most advanced of its kind, constantly achieving strict ISO 9001 quality standards. We also have offices in Ireland, the Netherlands and China along with an extensive network of distributors and representatives across the globe, exporting to over 70 countries worldwide.



For over 95 years P C Henderson has been providing a wide a range of high quality, cost effective sliding and folding door hardware, backed up by exceptional customer service and unrivalled expertise.

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WHY P C HENDERSON

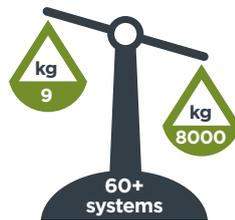
Our People

Our customer service and technical support team is made up of a group of knowledgeable, passionate and long standing individuals. With extensive experience working on projects of all sizes across the world, the team possess the knowledge and experience required to specify even the most complex and ambitious of projects.



Impressive Product Range

From small 9kg sliding hatch doors to 8000kg large industrial doors - our range of hardware caters for projects of all sizes. With over 60 different hardware products, 5 different styles of mechanism, interior and exterior options, top hung and bottom rolling support options, along with a huge range of accessories - our vast product range is difficult to surpass. Wherever a sliding or folding door can work, we offer a solution.



Designing and Manufacturing Since 1921

As a designer and manufacturer of sliding door hardware since 1921, it's safe to say that our expertise in this area is one to be rivalled with. Our offices, people, technology, materials and tooling may have all changed over the course of almost a century but the Henderson ethos of how we design and manufacture our products has remained the same and is testament to our success today. P C Henderson manufactures to strict quality standards of BS EN ISO 9001.



Research and Development

Continual investment into the research and development of our product range is extremely important. Part of this research is customer engagement - hearing the voice of the customer first hand is vital to the success of our products. We use this valuable feedback to continually adapt, enhance and add to our existing product range to make sure we meet and exceed customer expectations.

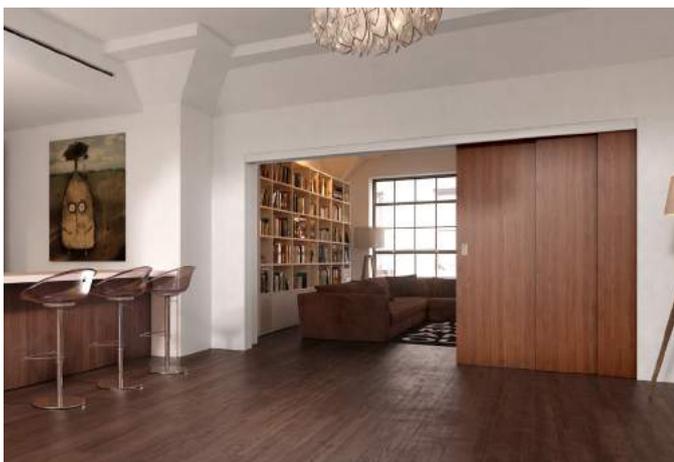
Product Testing

Our in house, state of the art testing facilities allows us to put each and every one of our products through rigorous testing prior to release. Each component we design is put through a Finite Element Analysis, this process applies virtual forces to the product to see where modifications may be required before the product is even built. A prototype is then built for a physical test, each of our products are tested continuously, using specialist machinery in excess of 100,000 cycles (accredited to BS EN 1527), to ensure they are capable of withstanding the test of time.



Environmental Commitment

P C Henderson is committed to achieving and demonstrating compliance with all relevant environmental laws, regulations and standards. We also take our responsibilities to society extremely seriously. Our BS EN ISO 14001 accredited environmental policy sets our commitment to providing products and services that are environmentally sound.



CHOOSE YOUR HARDWARE

USING OUR SIMPLE 10 STEP GUIDE

- 1 Internal or external use?
- 2 Sliding or folding?
- 3 Is the door top hung or bottom rolling?
- 4 Face fixed or soffit fixed track?
- 5 How heavy are the doors?
- 6 What material is the door?
- 7 How many doors do you require?
- 8 What is the opening width?
- 9 Choose your product
- 10 Choose your accessories

EXPERT SPECIFICATION TOOL

Our online Expert Specification Tool will guide you through a number of questions in order to gather all of the information required to specify your hardware. It will then produce a short list of suitable products for you to choose from – simple and easy. www.pchenderson.com/expert

The image displays six screenshots from the Henderson Expert Specification Tool, arranged in a 2x3 grid. Each screenshot shows a step in the configuration process:

- Step 1: Select exterior or interior** - A question: "Will the sliding door gear be exposed to the elements?" with options for "Exterior" and "Interior".
- Step 2: Choose the type of gear** - A question: "Select from sliding, folding or round-the-corner" with options for "Straight sliding", "Flex folding" (selected), and "Round the corner".
- Step 3: Select top hung or bottom roller** - A question: "How will the weight of the door be supported?" with options for "Top hung" (selected) and "Bottom roller".
- Step 4: How will the track be fixed?** - A question: "Face fixed or soffit fixed?" with options for "Face fixed" and "Soffit fixed" (selected).
- Step 5: Enter the dimensions** - A question: "What is the size of the opening?" with input fields for "Opening width", "Opening height", "Left reveal", and "Right reveal".
- Step 6: Door configuration** - A question: "End folding system" with options for "Hinged to left post", "Floating", and "Hinged to right post".

OUR BROCHURE

The entire P C Henderson product range in an easy to follow format

Product Comparison Table

Our contents table on pages 4 and 5 also doubles up as a handy comparison table for easy browsing of our entire product range.

Sections by Operation Type

The brochure is broken down into five sections for easy browsing; sliding, folding, multidirectional, round the corner and automated. These are colour coded for ease of navigation.



Products in Door Weight Order

The products are listed in door weight order within each of the 5 sections of the brochure.

If the hardware you're looking for will be used to carry lighter doors, start at the beginning of the section. If it will be carrying heavy doors move to the back of the section.

Handy Product Overview Boxes

Operation, door weight, application type and door material - it's all covered in the handy product overview boxes at the top of each page.



Detailed Technical Information

Each product page contains a wealth of technical information and drawings to help specify and put together the right solution for your project. Additional technical information such as CAD drawings, datasheets and fitting instructions can be found on our website.

Kit Packs

Some of our residential and light commercial products are available in a handy kit pack format. This allows you to purchase 'off the shelf' without having to specify individual parts and components.

Look out for our handy kit pack symbol in the top corner of each page.

Installation Videos

The majority of our kit packs come with a handy online installation video to guide you along the process. Look out for the video symbol at the bottom of our kit pack product pages.

You can view the installation videos by typing in the web address or by scanning the QR code using your mobile device.



Watch our installation videos at www.pchenderson.com/installation-videos



Brochure Notes

- All dimensions supplied are in mm
- Any screws supplied are wood screws
- Most systems can be specified to your unique requirements, contact our technical team for details



Sliding



Catering for a maximum door weight of between 9kg and 8000kg our wide range of sliding door hardware can cater for virtually any type of application or design.

For residential and commercial applications, sliding doors are a great way to save space, create seamless indoor and outdoor flows, increase natural light and provide easy access. For industrial applications such as factories, warehouses, agricultural settings and large sliding gates – robust hardware and high levels of security is key.

Available in single sliding, pocket door, bi-parting, telescopic, top hung or bottom rolling variations, our hardware offers huge versatility in terms of functionality and design. Equally as important, the systems are available in a vast array of quality aesthetic finishes and styles whether that be for a sleek and modern design or perhaps a more traditional and period look.

Range Overview

- Over 35 different systems
- Catering for maximum door weights of between 9kg and 8000kg
- Catering for wood, metal or glass doors
- Interior and exterior applications
- Top hung and bottom rolling options

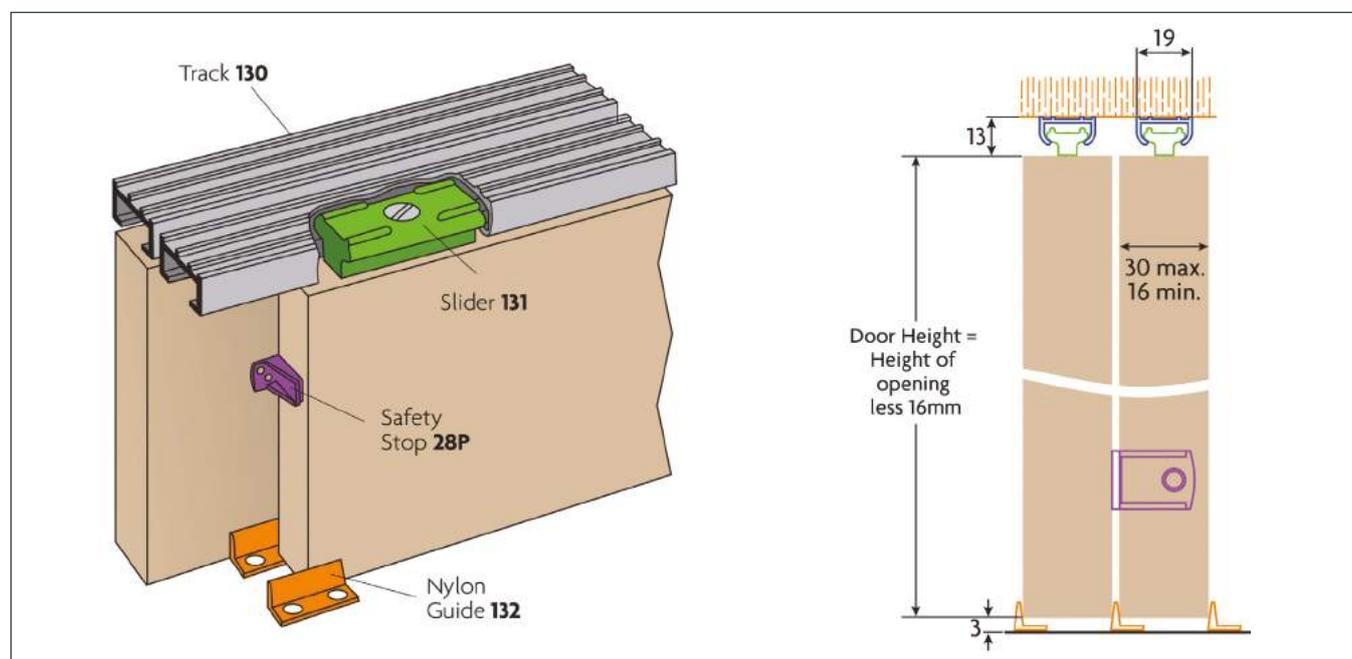
www.pchenderson.com

SLIPPER

For sliding wooden cupboard or hatch doors weighing up to 9kg



Slipper is ideally suited for hatches, cupboards and other items made from lightweight wood or chipboard. It supports a maximum door weight of 9kg, a maximum door width of 900mm and door thickness of between 16-30mm. Three kits are available giving a maximum opening width of 1800mm, the unit can also easily be top fixed. The nylon sliders and aluminium track ensure quiet and effortless operation, an appealing design and simple-to-remove doors for cleaning and decorating. A fittings kit is available for when an additional door is required.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
SS4	2	1200mm	900mm	16 - 30mm	9kg
SS5	2	1500mm	900mm	16 - 30mm	9kg
SS6	2	1800mm	900mm	16 - 30mm	9kg
SS1	Fittings kit to be used when an additional door is required				

Kit Contents

Component	Short Code
Track (x 2)	130/****
Sliders (x 4)	131
Stop (x 1)	28P
White Plastic Flush Pull (x 2)	26P
Nylon Guide (x 4)	132

**** Replace by length of track for full short code

Accessories



1 Door Fittings Kit (SS1)

View our
full range of
accessories
on page 138

Components can be specified separately for bespoke projects, contact P C Henderson for details.

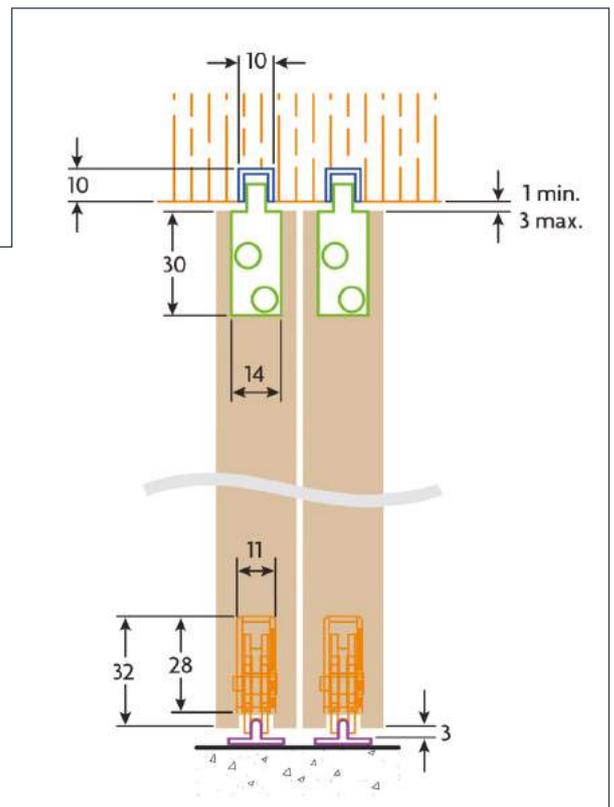
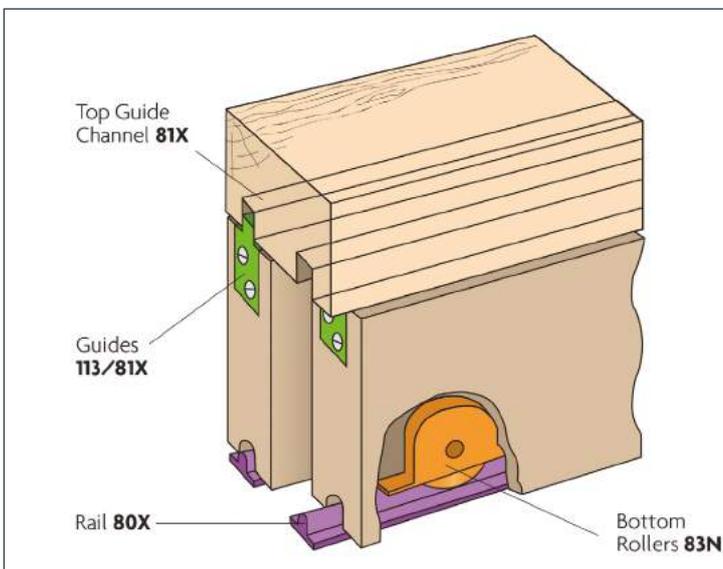


LORETTO

For sliding wooden cupboard doors weighing up to 23kg



When it comes to wardrobes, cupboards, bookcases and other pieces of high quality cabinet work, Loretto is the ideal system. It has been designed to cater for wooden doors weighing up to 23kg, 900mm wide and 20-45mm thick. Using nylon guides and rollers on an aluminium rail, this system is incredibly smooth and quiet. Available in three kits with a maximum opening width of 1800mm.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
D4	2	1200mm	900mm	20 - 45mm	23kg
D5	2	1500mm	900mm	20 - 45mm	23kg
D6	2	1800mm	900mm	20 - 45mm	23kg

Kit Contents

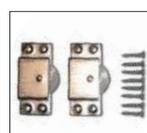
Component	Short Code
Top Guide Channel (x 2)	81X/****
Top Guides (x 4)	113/81X
Mortise Fixed Bottom Rollers (x 4)	83N
Bottom Rail (x 2)	80X/****

**** Replace by length of track for full short
Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



White Plastic Flush Pull (26P)



Face Fixed Bottom Rollers (84N)



Door Stop (28P)

View our full range of accessories on page 138

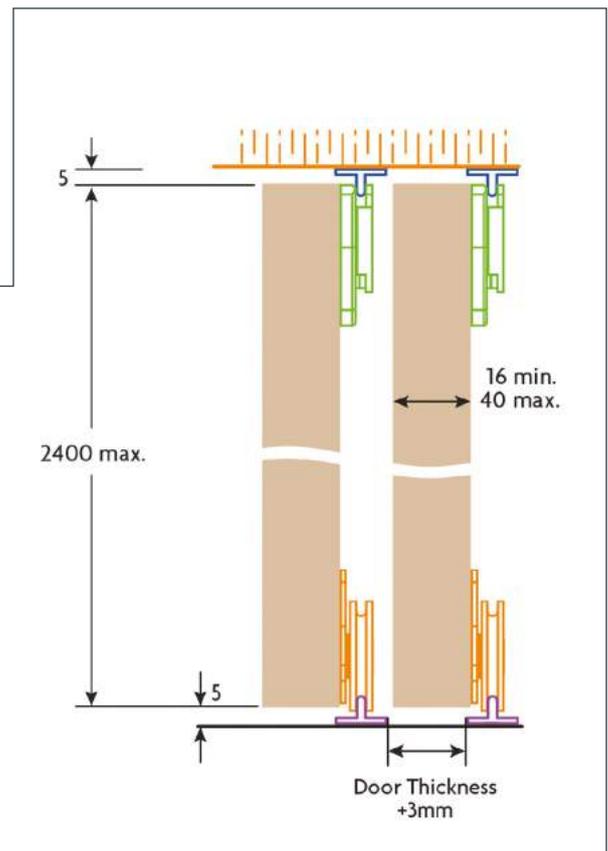
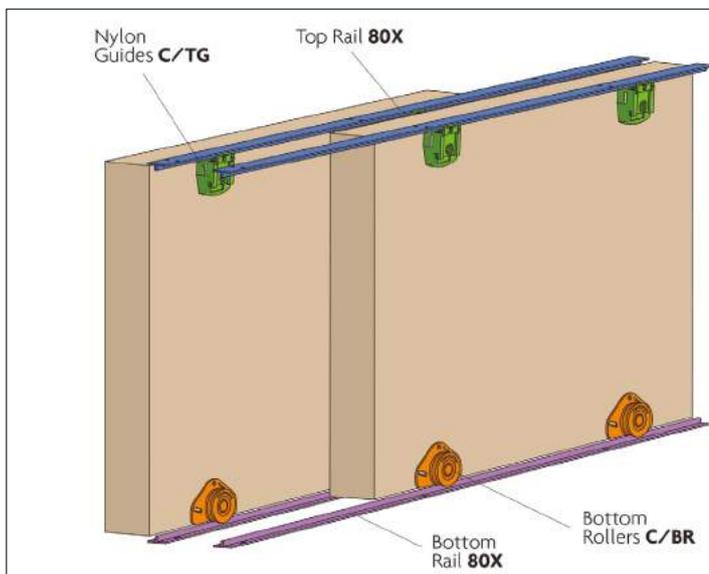


CELLO

For sliding wardrobe and cupboard doors weighing up to 25kg



Cello is the perfect system for bottom rolling wooden wardrobe or cupboard doors weighing up to 25kg each. It can support doors up to 920mm wide and between 16 - 40mm thick. Two and three door kits are available in order to create opening widths of up to 2400mm. A fittings kit is also available for when an additional door is required.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
C15	2	1500mm	920mm	16 - 40mm	25kg
C18	2	1800mm	920mm	16 - 40mm	25kg
C24	3	2400mm	920mm	16 - 40mm	25kg
C1	Fittings Kit to be used when an additional door is required				

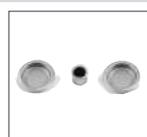
Kit Contents

Component	Short Code
Bottom Rail (x 4)	80X/****
Top Guide (x 4 for 2 doors/x 3 for 3 doors)	C/TG
Bottom Roller (x 4 for 2 doors/x 3 for 3 doors)	C/BR

**** Replace by length of track for full short code

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Flush Pull Set
(385SA) satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Door Stop
(28P)



1 Door Fittings
Kit (C1)

View our full range of accessories on page 138

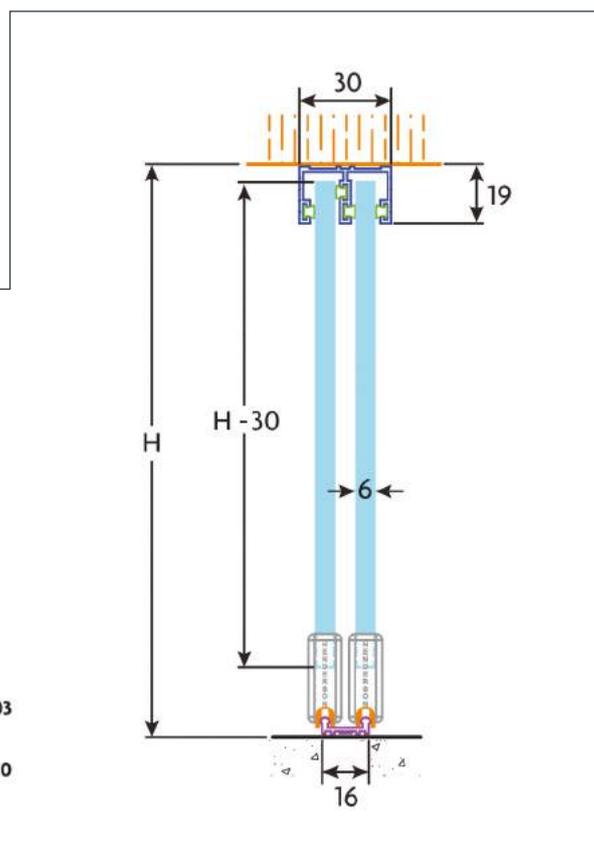
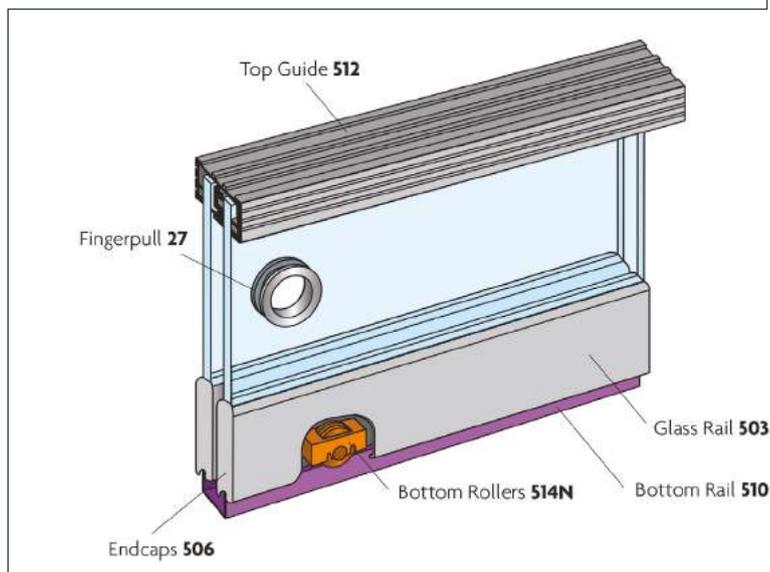


ZENITH

For sliding glass cupboard doors weighing up to 25kg



Zenith is the perfect partner for any showcase, bookcase, display unit, hatch or interior window which utilises glass doors weighing up to 25kg and measuring 6mm thick. Three kits are available to give a maximum opening width of 1800mm. The system uses precision-made, satin anodised finish aluminium gear and brush pile strips to ensure a silent and easy-gliding action.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness	Max. Door Weight
Z12	2	1200mm	916mm	6mm	25kg
Z15	2	1500mm	916mm	6mm	25kg
Z18	2	1800mm	916mm	6mm	25kg

Kit Contents

Component	Short Code
Top Guide Channel (x 1)	512/****
Glass Rails (x 2)	503
Bottom Rollers (x 4)	514N
End Caps (x 4)	506
Bottom Rail (x 1)	510/****
Glazing Strip (x 2)	509

**** Replace by length of track for full short code

Accessories



Aluminium Finger Pull for Glass Doors (27)



Cylinder Lock (507) chrome



Cylinder Lock (507/120) chrome, keyed alike, key number 120

View our full range of accessories on page 138

Components can be specified separately for bespoke projects, contact P C Henderson for details.

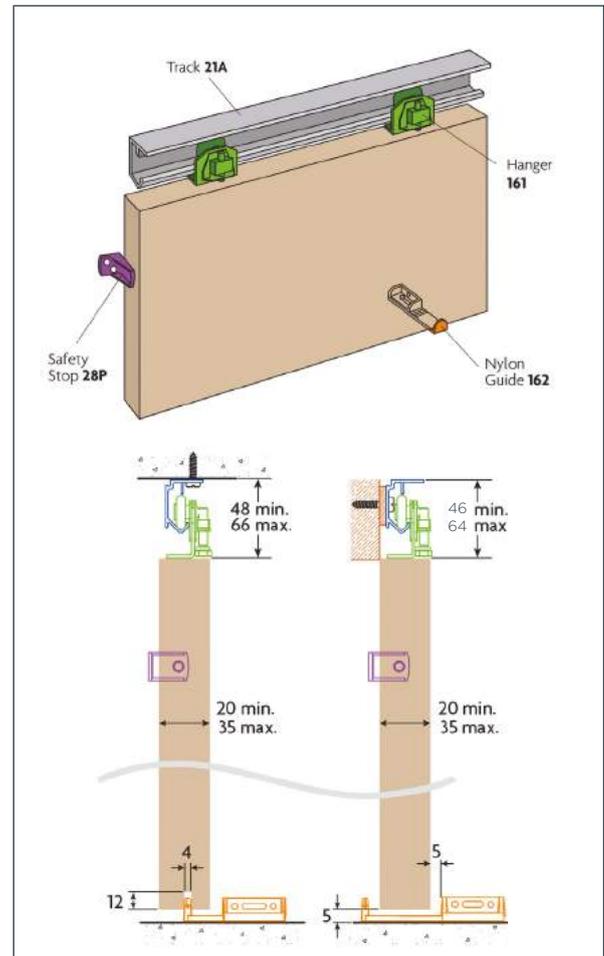


SENATOR

An elegant sliding door mechanism for doors weighing up to 30kg



Senator offers an elegant sliding mechanism for entrance doors and room dividing wooden doors weighing up to 30kg, 900mm wide and between 20-35mm thick. Nylon guides and hangers on an aluminium track with useful fixed floor guides complete this premium package.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
SEN	1	1500mm	900mm	20 - 35mm	30kg

Kit Contents

Component	Short Code
Jump Proof, Face/Soffit Fixing Track (x 1)	21A/1500
Top Fixing Hangers (x 2)	161
Nylon Guide (x 1)	162
Stop (x 1)	28P

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Flush Pull Set (385SA) satin, also available in polished brass (385PB)



Flush Pull (144S) satin, also available in black (144B)



Easyclose Self Door Closer (SC100)



Galvanised Steel Fascia (40P/1850)



Galvanised Steel Fascia End Cap (EC40P)

[View our full range of accessories on page 138](#)

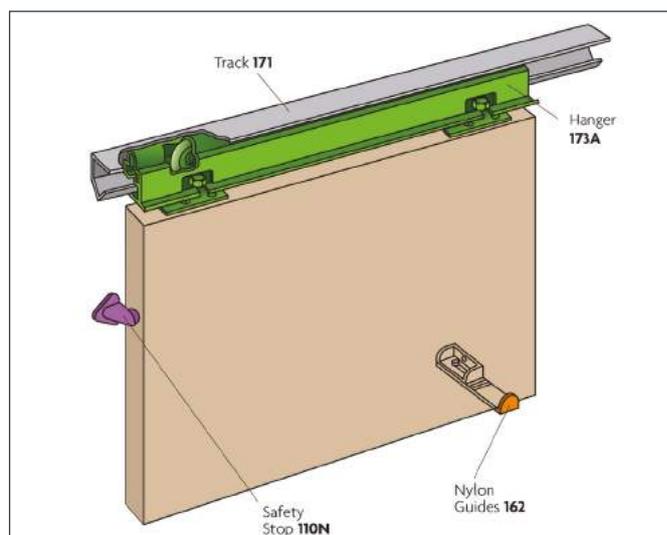


PHANTOM

For sliding wooden room dividers weighing up to 45kg



If a silent sliding mechanism is a priority, Phantom really delivers. Made for wooden doors weighing up to 45kg, between 610mm - 915mm wide and 30mm - 50mm thick, it can effortlessly divide virtually any room in a variety of environments. Phantom is ultra-quiet, frictionless and easy to operate. Two kits can be used to create a double door specification.



Product Information

Kit Order Code	No. of Doors	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
P9	1	1525mm	610 - 915mm	30 - 50mm	45kg

Kit Contents

Component	Short Code
Soffit Fixed Track (x 1)	171/1525
Hanger (x 1)	173A
Nylon Guide (x 1)	162
Stop (x 1)	110N

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Floor Mounted Stop (**103**)



Galvanised Steel Fascia (**40P/1850**)



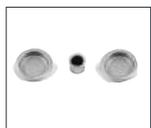
40P End Cap Pack (**EC40P**)



Easyclose Self Door Closer (**SC100**)



Soffit Fixed Brackets x 5 (**3/40**)



Flush Pull Set (**385SA**) satin, also available in polished brass (**385PB**)



Flush Pull (**144S**) satin, also available in black (**144B**)

View our full range of accessories on page 138

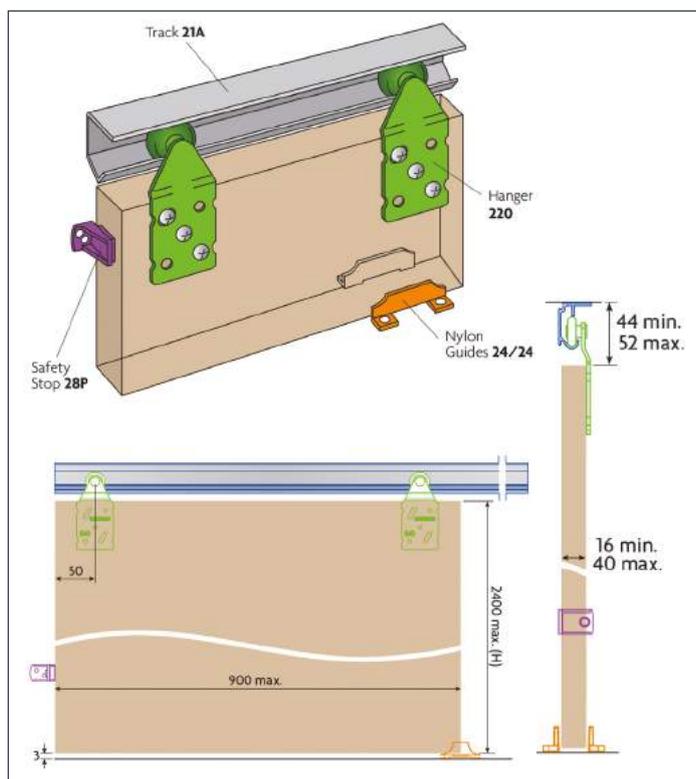


SINGLE TOP

For single sliding wardrobe and cupboard doors weighing up to 45kg



With Single Top, wardrobe doors have never been more graceful. The system works with a single track for wooden wardrobe doors of up to 45kg and between 16mm - 40mm thick. Three kits are available for a maximum width of 900mm. A fittings kit is available for when an extra door is required.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
ST12	1	1200mm	600mm	16 - 40mm	45kg
ST15	1	1500mm	750mm	16 - 40mm	45kg
ST18	1	1800mm	900mm	16 - 40mm	45kg
ST01	Fittings kit to be used when an additional door is required				

Kit Contents

Component	Short Code
Anti-Rise, Face/Soffit Fixed Aluminium Track (x 1)	21A/****
Face Fixed Hangers (x 2)	220
Rubber Buffered Stop (x 1)	28P
Nylon Guide (x 1)	24/24

**** Replace by length of track for full short code

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Flush Pull (**144S**)
satin, also available in black (144B)



Fascia (**F134/******)
for doors up to 30mm thick



F134 End Cap Pack (**F134/ECP**)



Fascia (**F138/******)
for doors up to 25mm thick



F138 End Cap Pack (**F138/ECP**)



Guide Channel (**81X/******)
when a floor mounted guide is required



Guide for 81X Channel (**113/81X**)
2 per door



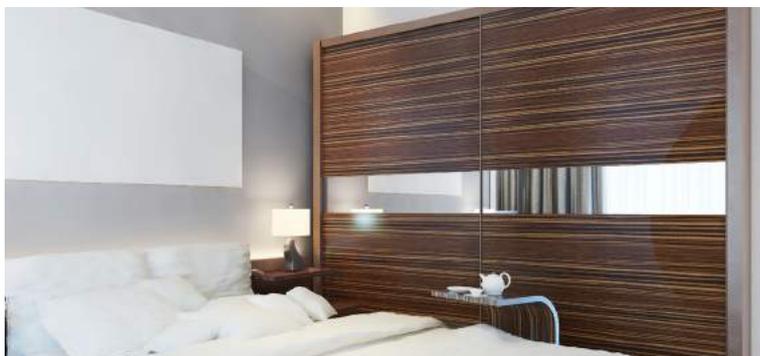
1 Door Fittings Kit (**ST01**)

View our full range of accessories on page 138

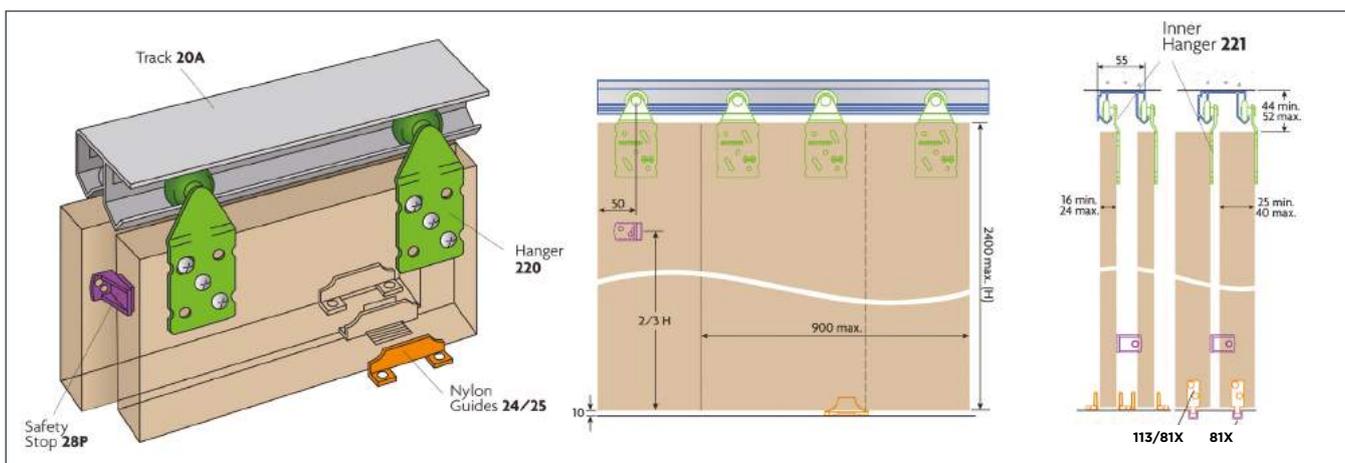


DOUBLE TOP

For sliding wooden bi-passing wardrobe doors weighing up to 45kg



Double Top is perfectly suited for heavy duty sliding wardrobe or cupboard doors. Designed to support double track sliding wooden doors weighing up to 45kg and 16-40mm thick, the quiet system works on nylon hangers and an aluminium track. Door heights can be adjusted easily, a floor guide can also be added as an option and a fittings kits can be purchased for where an additional 1 or 2 doors are required.



Product Information

Kit Order Code	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
W12	2	1200mm	900mm	16 - 40mm	45kg
W15	2	1500mm	900mm	16 - 40mm	45kg
W18	2	1800mm	900mm	16 - 40mm	45kg
W24	3	2400mm	900mm	16 - 40mm	45kg
W01	Fittings kit to be used when an additional door is required				
W02	Fittings kit to be used when an additional 2 doors are required				

Kit Contents

Component	Short Code
Aluminium Anti-Rise Soffit Fixing Track (x 1)	20A/****
Outer Offset Hangers (x 2)	220
Inner Offset Hangers (x 2)	221
Reversible Hangers (W24 only) (x 2)	222
Rubber Buffered Stop (x 1 for 2 doors/x 2 for 3 doors)	28P
Nylon Guide (x 1 for 2 door/x 2 for 3 doors)	24/25

**** Replace by length of track for full short code

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Guide Channel (81X/****)
When a guide channel is required



Brushed Aluminium Fascia (F134/****)
For doors up to 30mm thick



End Cap Pack for F134 Fascia (F134/ECP)



1 Door Fittings Kit (W01)



Guides for 81X Channel (113/81X)
2 per door



Brushed Aluminium Fascia (F138/****)
for doors up to 25mm thick



End Cap Pack for F138 Fascia (F138/ECP)



2 Door Fittings Kit (W02)

View our full range of accessories on page 138



MANSION 55

Bottom rolling hardware for internal wooden doors weighing up to 55kg



Mansion 55 is a durable system perfectly suited for high class joinery installations catering for wooden doors weighing up to 55kg each. The product features a concealed bottom roller enabling the weight of the door to be transferred to the floor, making it ideal for when the ceiling or lintel isn't strong enough to support the weight.

NOTE: At least 150mm depth at the bottom of the door must be available to accommodate the concealed bottom rollers when choosing this system.

Product Information

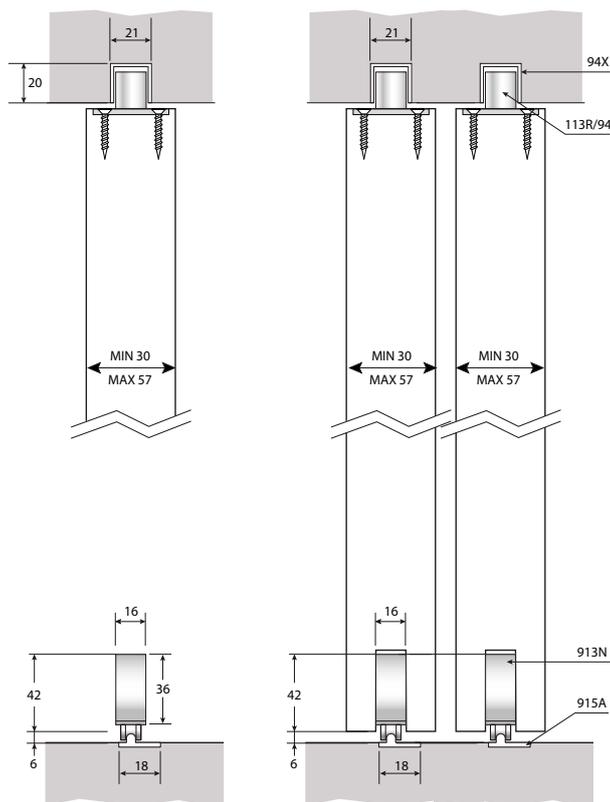
Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Mansion 55	1000mm	30 - 57mm	55kg

Product Specification

Component	Description	Short Code
Top Guide Channel Length should be twice the width of doors	Brass top guide channel in 1500 and 3000mm lengths	94/****
	Aluminium track in 1500, 2000, 2500, 3000, 4000, 5000 and 6000mm lengths	94X/****
Guides 2 per door	Galvanised steel guide with brass roller	113R/94
	Concealed nylon guide	106N/94
Bottom Rollers	Nylon wheeled bottom rollers	913N
Bottom Rail	Mill finish aluminium bottom rail in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	915A/****
Stop	Floor mounted stop	103
	Double buffer wall mounted stop (2 per door)	107

**** Replace by length of track for full short code

SECTION DETAILS



DIMENSIONS

A	B	C	D	E	F	G	H	J	K	L	M
16	37	5	6	21	5	16	16	32	6	48	74

CHOICE OF HARDWARE

Top Guide Channel



94



94X



913N

Guides



113R/94



106N/94



915A

Stops



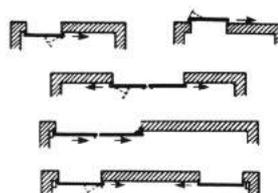
103



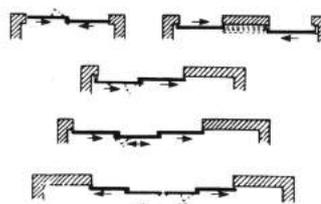
107

EXAMPLE PLAN DETAILS

Single Run



Double Run



Accessories



Flush Pull Set
(**385SA**) satin,
also available in
polished brass
(385PB)



Flush Pull
(**144S**) satin,
also available in
black (144B)



Flush Pull
(**400**) SAA,
also available in
stainless steel
(400SS)

**View our full range of
accessories on page 138**

POCKET DOOR

Unique sliding door solution that works with cavity walls for doors weighing up to 60kg



Pocket Door is a unique sliding door solution whereby the sliding door disappears into the cavity wall, offering amazing benefits where interior space is limited such as toilets, bathrooms and kitchens.

The system is available as a regular closing system or with the option of a dual soft close and open which catches the door in its final moments of travel and brings it gently into position.

Each Pocket Door kit comes with a timber frame and pre-assembled aluminium track and header mechanism.

A Simultaneous Action Kit is available as an optional extra whereby the user moves one door and the other door will open or close simultaneously. For bi-parting pocket doors, two kits can be used.

For a more professional installation, e.g. in areas of high use or new build properties, we also have a Pocket Door Pro system (see page 34). The system has an aluminium frame, rather than timber, providing extra rigidity and durability. Pocket Door Pro is also available in fire rated and automated versions.

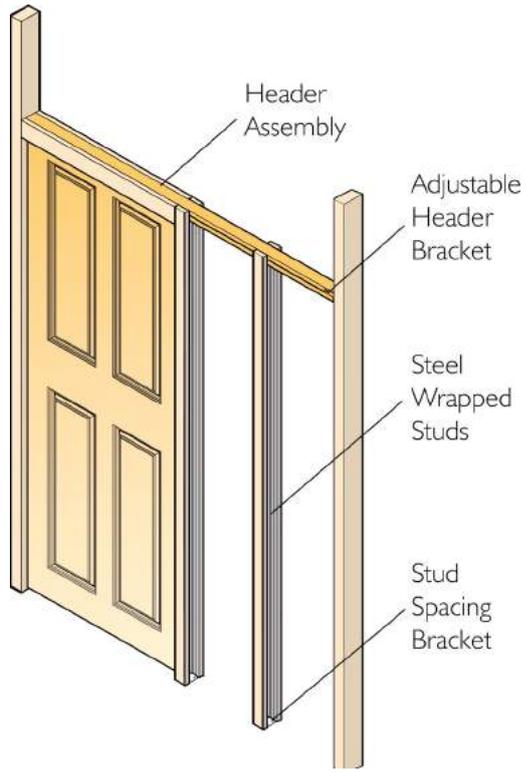
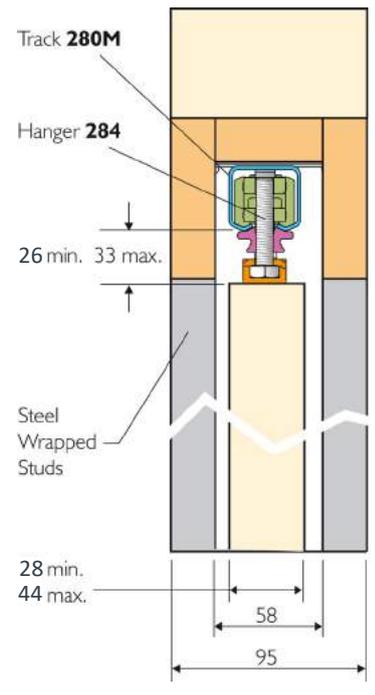
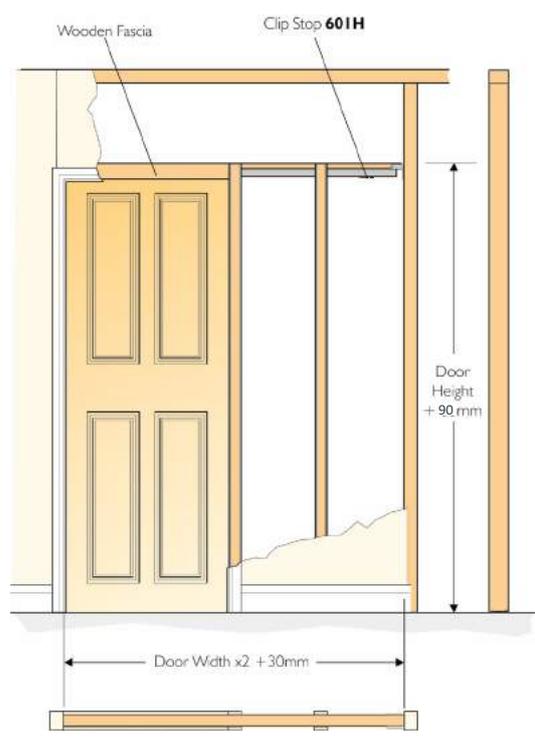
Product Information

Kit Order Code				Max. Door Height	Max. Door Width	Door Thickness Range
Standard Pocket Door (Doors weighing up to 60kg)	Pocket Door with Dual Soft Close (Doors weighing 10 - 20kg)	Pocket Door with Dual Soft Close (Doors weighing 20 - 40kg)	Pocket Door with Dual Soft Close (Doors weighing 40- 60kg)			
PDK3	PDKSOFT3/20	PDKSOFT3/40	PDKSOFT3/60	1981mm	762mm	28 - 44mm
PDK4	PDKSOFT4/20	PDKSOFT4/40	PDKSOFT4/60	1981mm	838mm	28 - 44mm
PDK5	PDKSOFT5/20	PDKSOFT5/40	PDKSOFT5/60	2040mm	762mm	28 - 44mm
PDK6	PDKSOFT6/20	PDKSOFT6/40	PDKSOFT6/60	2040mm	826mm	28 - 44mm
PDK7	PDKSOFT7/20	PDKSOFT7/40	PDKSOFT7/60	2040mm	726mm	28 - 44mm
PDK10	PDKSOFT10/20	PDKSOFT10/40	PDKSOFT10/60	2315mm	930mm	28 - 44mm

Kit Contents

Component	Short Code
Aluminium Track and Soft Wood Header Assembly (pre-fitted) (x 1)	280M/****
Hangers (x 2)	284
Galvanised Steel Wrapped Softwood Studs (x 4)	-
Galvanised Steel Stud Spacing Brackets (x 2)	-
Galvanised Steel Stud Support Brackets (x 2)	-
Clip Stop with Adjustable Retention (x 2)	601H
Rubber Buffer (x 1)	287
Flush Pull Set in Satin (x 1)	385SA
Guide (x1)	-

**** Replace by length of track for full short code



Opening Size Guide			
Kit	Standard Door Size	Rough Opening Width	Rough Opening Height
PDK3	762mm (w) x up to 1981mm (h)	1554mm	2071mm
PDK4	838mm (w) x up to 1981mm (h)	1706mm	2071mm
PDK5	762mm (w) x up to 2040mm (h)	1554mm	2130mm
PDK6	826mm (w) x up to 2040mm (h)	1682mm	2130mm
PDK7	726 mm (w) x up to 2040mm (h)	1482mm	2130mm
PDK10	930mm (w) x up to 2315mm (h)	1890mm	2405mm

Accessories



Satin Lock Set (390SA) for 30 - 38mm thick doors, also available in polished brass (390PB)



Satin Lock Set (395SA) for 40 - 48mm thick doors, also available in polished brass (395PB)



Simultaneous Action Kit (SIM100) for two bi parting doors. Cannot be used with Pocket Door Soft Close

Prefer a different style of handle or flush pull to the one provided? View our full range of accessories on page 138



HUSKY GLASS

For sliding glass doors weighing up to 50kg and 75kg



Husky Glass is the ideal solution for lightweight glass applications such as office doors and small domestic glass partitions. Its versatility allows the kit to be face fixed or soffit fixed without compromising on the functionality of the system. The nature of these applications require quality aesthetic finishes, to meet this demand a purpose designed clip on fascia is also available.

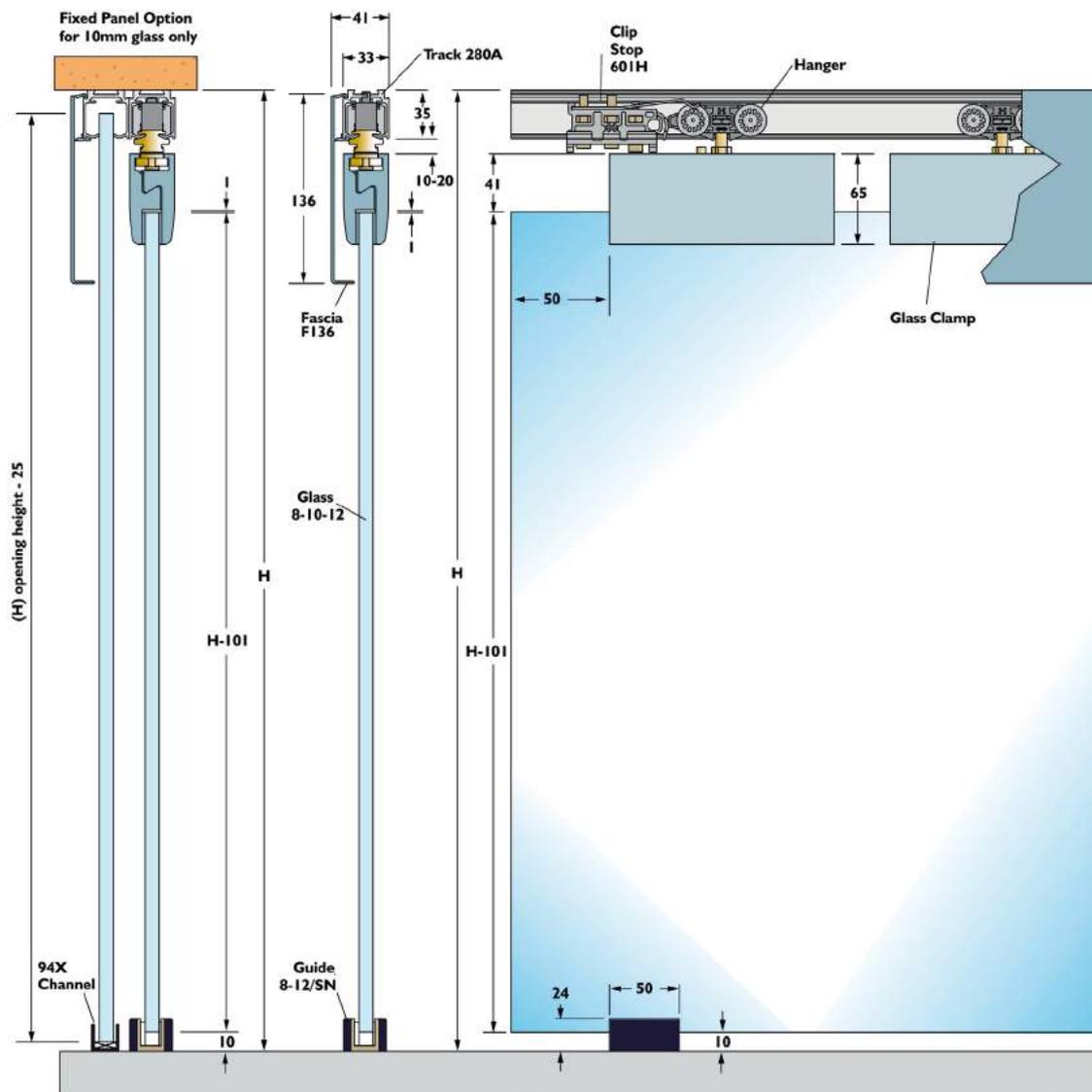
Product Information

Product	Max. Door Width	Glass Thickness	Max. Door Weight
Husky Glass	1250mm	8, 10 or 12mm	50kg
	1250mm	8, 10 or 12mm	75kg

Product Specification

Component	Description	Short Code
Track	Aluminium track in 1500, 2000, 2500 and 3000mm lengths	280A/****
	Anodised aluminium track in 1500, 2000, 2500 and 3000mm lengths	280AN/****
Brackets	Face fixed bracket	281A
	Jointing and end bracket	281AX
Fascia	Aluminium fascia	F136/****
	End cap for fascia	F136/ECP
Glass Clamp Kit Consists of two hangers, two glass clamps, two 601H retaining stops and an adjustable guide	50kg glass clamp kit for 8mm glass	8/HY/50
	50kg glass clamp kit for 10mm glass	10/HY/50
	50kg glass clamp kit for 12mm glass	12/HY/50
	75kg glass clamp kit for 8mm glass	8/HY/75
	75kg glass clamp kit for 10mm glass	10/HY/75
	75kg glass clamp kit for 12mm glass	12/HY/75
Floor Guide	Brushed stainless steel floor guide for 8mm, 10mm or 12mm glass	8-12/SN

**** Replace by length of track for full short code



CHOICE OF HARDWARE

Tracks



280



280A

Brackets



281



281AX

Fascia



F136



F136/ECP

Clamp Kit



HY/

Floor Guide



8-12SN



Accessories

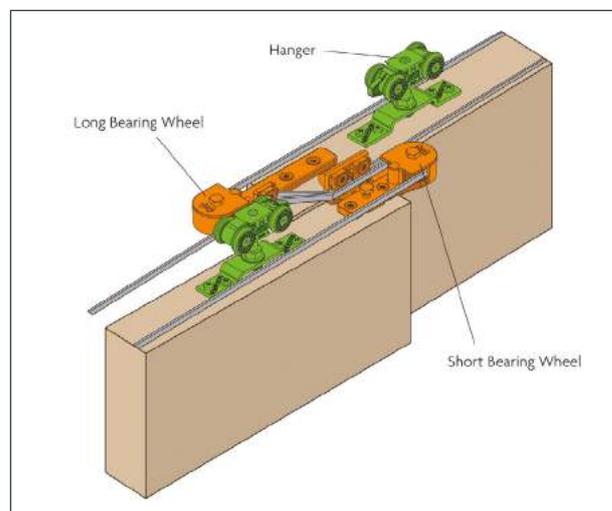


Aluminium Finger Pull (27) for glass doors

View our full range of accessories on page 138

HUSKY TELESCOPIC

For sliding wooden telescopic doors weighing up to 80kg



For a natural, modern or period look, the Husky Telescopic range allows multiple wooden doors weighing up to 80kg to become neatly stacked sliding partitions. The system has been designed to be discreet as it requires no guide channel meaning that there are no dust traps and therefore easier to install across a variety of applications. All doors are linked together via a toothed belt and pulley system. By moving the lead door, all of the doors travel simultaneously with minimum friction and noise. The system is suitable for wood framed doors of flush, panelled or glazed construction and makes for an ideal room divider or partition door.

Product Information

Kit Order Code	No. of Doors	Min. Door Width	Max. Door Width	Door Thickness Range	Max. Door Weight
TEL80/2	2	500mm	1200mm	32 - 47mm	80kg
TEL80/3	3	500mm	1200mm	32 - 47mm	80kg
TEL80/SIM	4 (2 to either side)	500mm	1200mm	32 - 47mm	80kg

Kit Contents

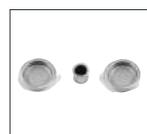
Component	TEL80/2 Quantity	TEL80/3 Quantity	TEL80/SIM Quantity
Husky Hangers and Apron Plates	4	6	8
Short Bearing Wheel Assembly	1	2	2
Door Mounted Belt Fixing Bracket	1	2	4
Length of Toothed Belt	1	1	1
Following Door Guide	1	2	2
Fixed Base Floor Guide	1	1	2
Long Bearing Wheel Assembly	1	2	2
Wall Mounted Belt Fixing	1	1	2
Clip Stop	2	2	2

Track Specification - track must be purchased in addition to kit

Description	Short Code
Aluminium track in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	280A/****
Anodised aluminium track in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths.	280AN/****

**** Replace by length of track for full short code

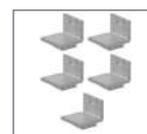
Accessories



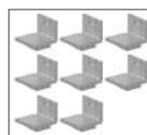
Flush Pull Set (385SA) satin, also available in polished brass (385PB)



Flush Pull (144S) satin, also available in black (144B)



Aluminium Face Fixed Brackets x 5 (2815A)



Aluminium Face Fixed Brackets x 8 (2818A)



Soffit Fixed Fascia (F134) for aluminium track and doors up to 50mm thick



Face Fixed Fascia (F140) for aluminium track and doors up to 50mm thick

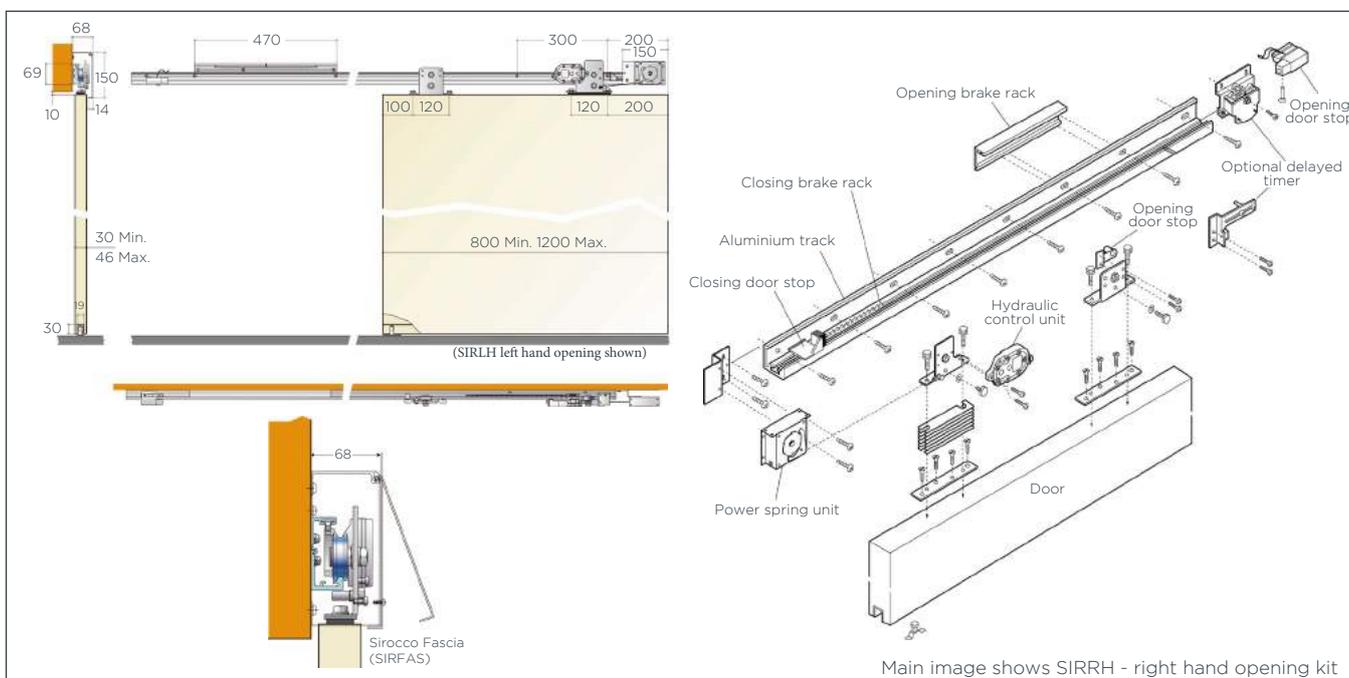
View our full range of accessories on page 138

SIROCCO

Self-closing system for wooden or metal sliding doors weighing up to 80kg



The Sirocco system is a quiet, user friendly system with an integrated hydraulic self closing system which brings the door to a safe and cushioned close. The system has been designed to give a quiet and smooth operation and features an adjustable closing speed feature. Common applications for this system include hospitals and disabled access points, the optional hold open unit also allows you to adjust the time before the self close engages meaning you can hold the door open for as long as required.



Product Information

Kit Order Code	Description	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
SIRRH	Right hand opening kit	1	2200mm	1200mm	30 - 46mm	80kg
SIRLH	Left hand opening kit	1	2200mm	1200mm	30 - 46mm	80kg

Accessories



Flush Pull Set
(385SA) satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Flush Pull
(400) satin, also
available in stainless
steel (400SS)



Delayed
Closing Timer
Right Hand
(DELRH)



Delayed
Closing Timer
Left Hand
(DELLH)



Fascia
(SIRFAS)

**View
our full
range of
accessories
on page
138**

RUSTIC 80

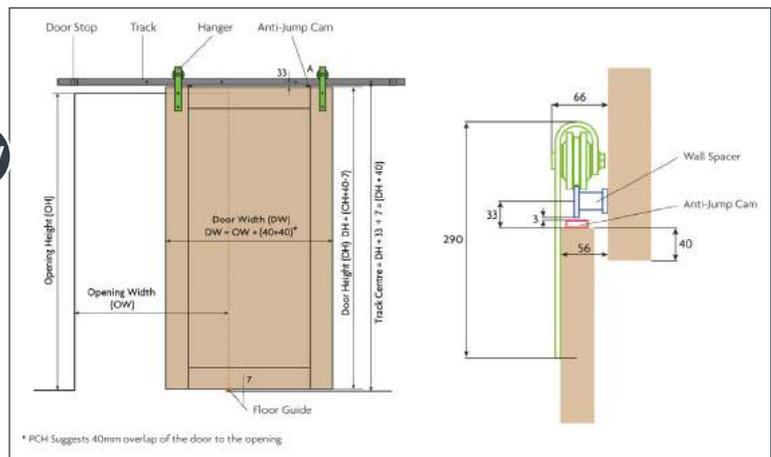
Unique sliding door hardware with beautifully crafted barn style hangers, for doors weighing up to 80kg

NOW WITH
SOFT STOP



Rustic 80 is ideal for barn conversions, period properties or simply for a unique feature in the home. Suitable for internal doors weighing up to 80kg, the system creates a traditional look for sliding wooden or metal doors with the exposed steel straps fastening down the front of the door. The beautifully crafted barn door style hangers run smoothly across the flat bar track. The system is available in a choice of finishes including; matt black powder coat, stainless steel or our new antique rust effect. Tracks are available in 2m or 3m lengths and a fittings kit can be purchased for when an extra door is required.

The system is also now available with an optional soft stop kit. The kit gently decelerates the door upon opening or closing and glides it into its final position, preventing unwanted slamming. The easy to install soft stop kit can be fitted to new or existing applications and can be installed with any finish of kit due to its discreet design. To create soft close and open two kits should be purchased.



Product Information

Kit Order Code	Finish	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
R80/20	Matt Black	2000mm	500 - 1000mm	36 - 46mm	80kg
R80/30	Matt Black	3000mm	500 - 1500mm	36 - 46mm	80kg
R8OSS/20	Stainless Steel	2000mm	500 - 1000mm	36 - 46mm	80kg
R8OSS/30	Stainless Steel	3000mm	500 - 1500mm	36 - 46mm	80kg
R8ORUST/20	Antique Rust	2000mm	500 - 1000mm	36 - 46mm	80kg
R8ORUST/30	Antique Rust	3000mm	500 - 1500mm	36 - 46mm	80kg
R80	Black	Fittings kit for when an additional door is required			
R8OSS	Stainless Steel	Fittings kit for when an additional door is required			
R8ORUST	Antique Rust	Fittings kit for when an additional door is required			

Kit Contents

Component

Hangers (x 2)
Door Stops (x 2)
Floor Guide (x 1)
"Flat" Track (x 1)
Track Wall Spacers (x 5 for 2m, x 7 for 3m)
Anti-Jump Cam (x 2)
Oval Flush Pulls (x 2)

Accessories



Rustic Soft Stop Kit
(**R80SOFT**)



1 Door Fittings Kit in Black
(**R80**)



1 Door Fittings Kit in Stainless Steel
(**R8OSS**)



1 Door Fittings Kit in Antique Rust
(**R8ORUST**)



VELARO

For sliding glass doors weighing up to 80kg each



Designed and tested for interior applications, Velaro features a concealed, smooth and quiet operating system thanks to its purpose built polymer rollers and brush strip within the track. Ideal for soffit fixed and face fixed installations, this single door system incorporates a stylish design with unrivalled performance to create a modern and minimalistic finish, with all parts concealed within the track.

The system is available as a regular sliding system or with the inclusion of a single or double soft stop damper which gently decelerates the sliding glass doors and pulls them into position for the final 110mm of travel. The system caters for 8mm, 10mm or 12mm thick glass panels.

Product Information

Product	Kit Short Code	Glass Thickness	Max. Door Width	Max. Door Weight
Velaro	V80/08	8mm	1200mm	80kg
	V80/10	10mm	1200mm	80kg
	V80/12	12mm	1200mm	80kg
Velaro with single soft stop	VS80/08	8mm	1200mm	80kg
	VS80/10	10mm	1200mm	80kg
	VS80/12	12mm	1200mm	80kg
Velaro with double soft stop	VD80/08	8mm	1200mm	80kg
	VD80/10	10mm	1200mm	80kg
	VD80/12	12mm	1200mm	80kg

Track Specification - Must be purchased in addition to kit

Description	Short Code
Anodised aluminium soffit fixed track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths. Complete with brush strips and end caps.	V80SF/****
Anodised aluminium face fixed track in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths. Complete with brush strips and end caps.	V80FF/****
Anodised aluminium fixed panel track in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths. Complete with brush strips and end caps.	V80FP/****

**** Replace by length of track for full short code

Kit Contents

V80	VS80 and VD80
Clamps (x2)	Clamps (x2)
Gaskets	Gaskets
Clip Stops (x2)	Left Hand Wheel Carriage
Floor Guide (x1)	Right Hand Wheel Carriage
	Single or Double Damper Assembly
	Activation Bracket
	End Stop Block
	Floor Guide (x1)

Accessories



Floor Channel
(94X/****)
for fixed panel option

**View our
full range of
accessories on
page 138**

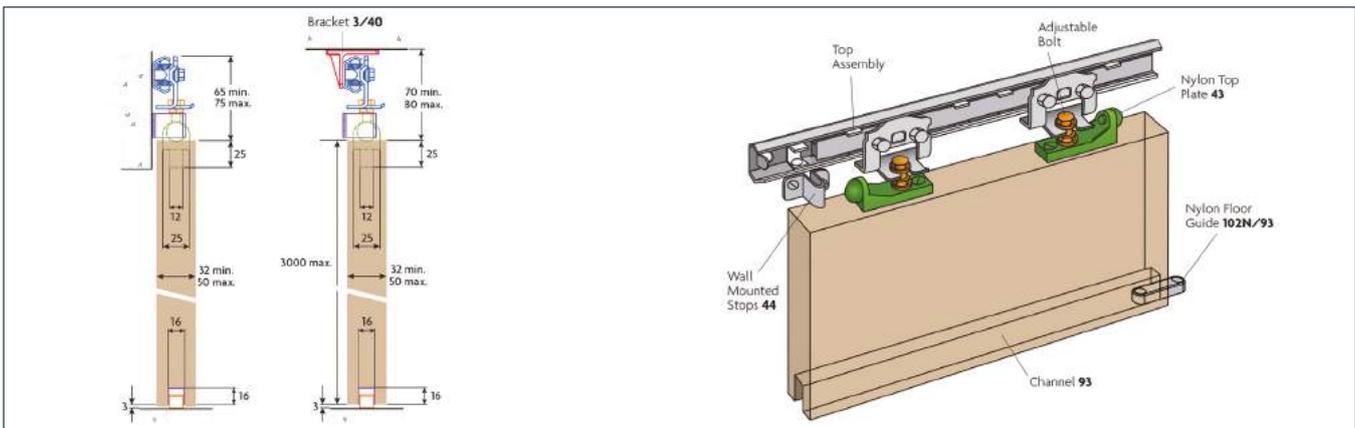
MARATHON

For sliding wooden and metal doors weighing up to 55kg and 90kg



When it comes to residential or commercial sliding doors and partitions, Marathon sliding door hardware is extremely reliable. Designed for wooden, wood framed and composite doors and featuring a one piece ball cage design, Marathon offers a smooth running system which can easily be adjusted. A self closing door kit can also be added to further complement the system (see accessories).

Available as the Marathon 55 for doors up to 55kg and Marathon 90 for doors up to 90kg, the system can handle door thickness's of between 32 - 50mm and door widths of up to 2500mm.



Product Information

Product	Kit Order Code	No. of Doors	Track Length	Door Width Range	Door Thickness Range	Max. Door Weight
Marathon 55	J2	1	1219mm	400 - 750mm	32 - 50mm	55kg
	J3	1	1473mm	750 - 900mm	32 - 50mm	55kg
	J4	1	1702mm	900 - 1050mm	32 - 50mm	55kg
	J5	1	1981mm	1050 - 1200mm	32 - 50mm	55kg
	J6	1	2438mm	1200 - 1500mm	32 - 50mm	55kg
Marathon 90	S2	1	1219mm	400 - 750mm	32 - 50mm	90kg
	S3	1	1473mm	750 - 900mm	32 - 50mm	90kg
	S4	1	1702mm	900 - 1050mm	32 - 50mm	90kg
	S5	1	1981mm	1050 - 1200mm	32 - 50mm	90kg
	S6	1	2438mm	1200 - 1500mm	32 - 50mm	90kg
	S7	1	3048mm	1500 - 1800mm	32 - 50mm	90kg
	S8	1	3226mm	1800 - 2000mm	32 - 50mm	90kg
	S9	1	4420mm	2000 - 2500mm	32 - 50mm	90kg

Kit Contents

Component	Short Code
Aluminium Track (x 1)	-
Bottom Channel (x 1)	-
Top Assembly (x 1)	-
Nylon Top Plates (x 2)	43
Wall Mounted Stops (x 2)	44
Nylon Floor Guide (x 1*)	102N/93

*2 nylon floor guides are supplied in the J6, S6, S7, S8 & S9

Components can be specified separately for bespoke projects, contact P C Henderson for details.

Accessories



Flush Pull Set
(**385SA**) also available in polished brass (385PB)



Flush Pull (**144S**) satin, also available in black (144B)



Flush Pull (**400**) SAA, also available in stainless steel (400SS)



Self-Closing Door Kit (**SCK1**)



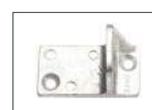
Easyclose Self Closer (**SC100**)



Galvanised Steel Fascia (**40P/1850**)



Fascia End Cap (**EC40P**)



Soffit Fixed Brackets x 5 (**3/40**)

View our full range of accessories on page 138



MARATHON FIRE RATED

For certified FD30 sliding fire doors weighing up to 90kg



Marathon Fire Rated is a system developed as part of a 30 minute sliding fire door assembly to BS476: Part 22: 1987 and should be installed on the non-fire risk side of an aperture. The hardware should be fitted with a certified FD30 fire door.

With two variations available, you can choose between our FDK1 self-closing or FDK2 non self-closing system. Please consult your Building Inspector prior to purchase to determine if your application requires a self closer.

Assessment report WFRC No. C116602 confirms that a sliding fire door assembly, fitted in accordance with these instructions, will offer 30 minutes of fire protection in accordance with BS 476: Part 22: 1987, (ref: report Warres No. 40991). To be used for fire control only, cannot be used for smoke control.

Note: A Marathon 90 (S3, S4, S5 or S6) sliding door hardware kit must be used in conjunction with this system. See specification information below.

Assessment report WFRC No. C116602 can be viewed on our website at www.pchenderson.com.

Fire Door Kit Information

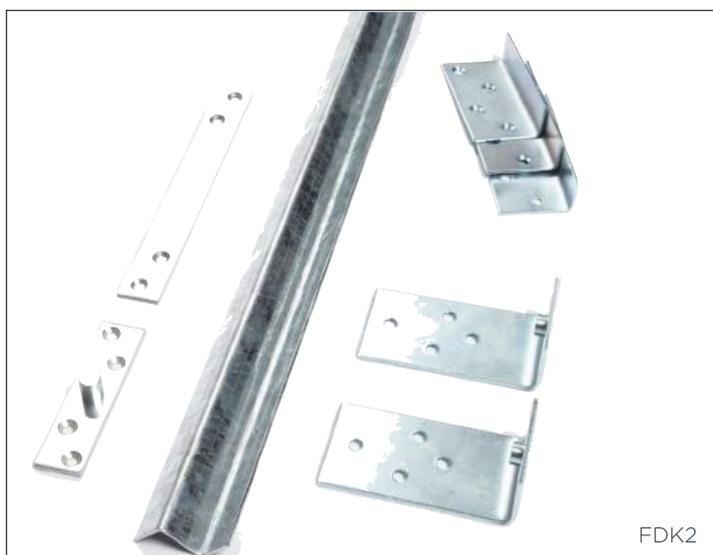
Kit Order Code	Description	Fire Rating	Max. Door Width	Max. Door Height	Door Thickness	Max. Door Weight
FDK1	Self Closing	FD30	1500mm	3000mm	44 - 50mm	90kg
FDK2	Non Self Closing	FD30	1500mm	3000mm	44 - 50mm	90kg

Sliding Door Kit Specification - must be specified in addition to fire door kit

Product	Kit Order Code	No. of Doors	Track Length	Door Width Range	Max. Door Weight
Marathon 90	S3	1	1473mm	750 - 900mm	90kg
	S4	1	1702mm	900 - 1050mm	90kg
	S5	1	1981mm	1050 - 1200mm	90kg
	S6	1	2438mm	1200 - 1500mm	90kg

Fire Door Kit Contents

FDK1 (Self Closing)	FDK2 (Non Self Closing)
Cable anchor plate	"Z" section
Pulley assembly	Apron assembly
Adjustment stem and cable sub assembly	Door binder (front edge)
"Z" section	Binder (receiving plate)
0.5kg main weight	Door binder (back edge)
Coined weights	Guide
Clamp cleat	
Apron assembly	
Door binder (front edge)	
Binder (receiving plate)	
Door binder (back edge)	
Guide	



FDK2

HUSKY SLIDING

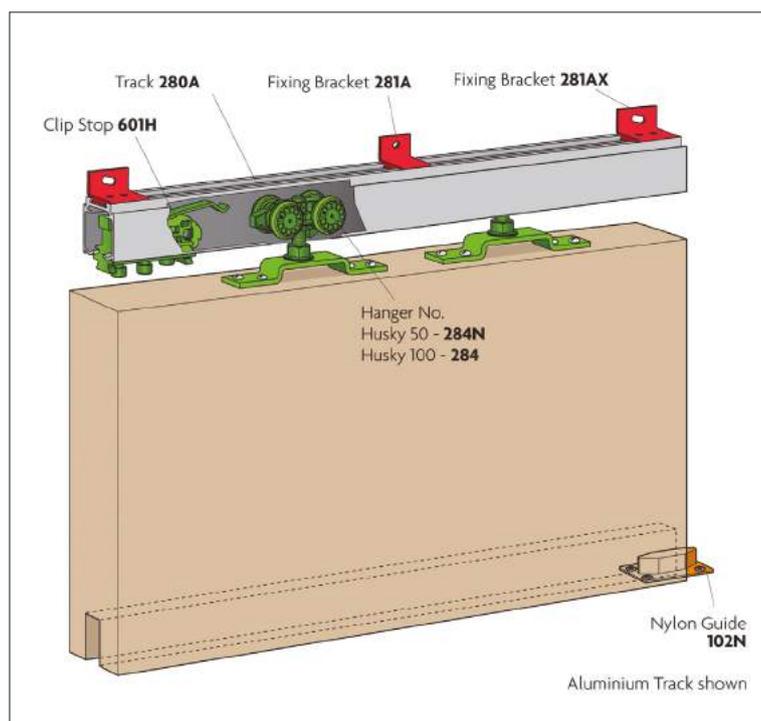
For sliding wooden doors weighing up to 50kg and 100kg



Versatile and quiet, the Husky sliding door hardware system is ideal for creating wardrobe doors and room dividing doors with one or more wooden, wood framed, composite or metal doors. The Husky 50 supports doors of up to 50kg, whilst the Husky 100 supports slightly heavier doors up to 100kg. Optional fittings kits allow additional doors to be fitted to a maximum door width of 1250mm. The product is also available with an integrated soft stop (see page 33). The product comes available as standard with a choice of aluminium or steel track, an anodised aluminium track can be provided upon request.

Product Information

Product	Kit Order Code (Steel Track)	Kit Order Code (Aluminium Track*)	No. of Doors	Track Length	Max. Door Width	Door Thickness Range	Max. Door Weight
Husky 50	H50/15	H50/15A	1	1500mm	800mm	20 - 50mm	50kg
	H50/18	H50/18A	1	1800mm	950mm	20 - 50mm	50kg
	H50/20	H50/20A	1	2000mm	1050mm	20 - 50mm	50kg
	H50/24	H50/24A	1	2400mm	1250mm	20 - 50mm	50kg
	H50N		Fittings kit for when an additional door is required				
Husky 100	H100/15	H100/15A	1	1500mm	800mm	20 - 50mm	100kg
	H100/18	H100/18A	1	1800mm	950mm	20 - 50mm	100kg
	H100/20	H100/20A	1	2000mm	1050mm	20 - 50mm	100kg
	H100/24	H100/24A	1	2400mm	1250mm	20 - 50mm	100kg
	H100		Fittings kit for when an additional door is required				



Kit Contents

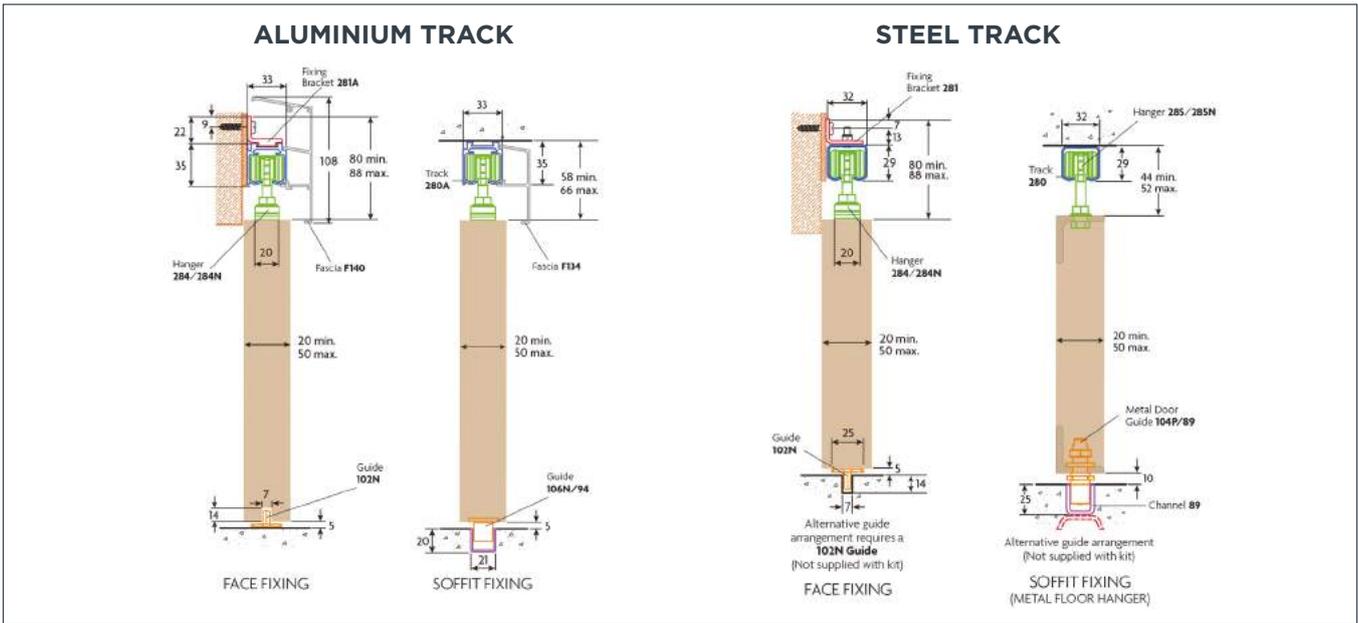
Component	Short Code (Aluminium Track)*	Short Code (Steel Track)
Track (x 1)	280A/****	280/****
Face Fixed Brackets	281A	281
Nylon Bodied Hangers (x 2)	284N (Husky 50) or 284 (Husky 100)	284N (Husky 50) or 284 (Husky 100)
Nylon Guide (x 1)	102N	102N
Clip Stop (x 1)	601H	601H
Track Stop (x 1)	287	287

****Replace by length of track for full short code

*An anodised aluminium track (280AN/****) is also available upon request

For Metal Doors: hangers 285 or 285N are required, please specify this when ordering.

Components can be specified separately for bespoke projects, contact P C Henderson for details.



Accessories

Simultaneous Action Kit and Self Door Closer



Simultaneous Action Kit (SIM100) only for use with Husky 100



Easyclose Self Door Closer (SC100) for doors weighing up to 100kg

Fittings Kits



1 Door Fittings Kit (H50N) for Husky 50



1 Door Fittings Kit (H100) for Husky 100

Fascia



Aluminium Soffit Fixed Fascia (F138/****) for doors up to 25mm thick



F138 Fascia End Cap Pack (F138/ECP)



Aluminium Soffit Fixed Fascia (F134/****) for doors up to 50mm thick



F134 Fascia End Cap Pack (F134/ECP)



Aluminium Face Fixed Fascia (F140/****) for doors up to 50mm thick



F140 Fascia End Cap Pack (F140/ECP)

Alternative Guiding System



Aluminium Guide Channel (94X/****)



Roller Guide for Wooden Doors (106N/94)



Roller Guide for Metal Doors (104P/89)



Floor Stop (103)

Brackets



Face Fixed Brackets - pack of 5 or 8 (2815 or 2818) for steel track



Face Fixed Brackets - pack of 5 or 8 (2815A or 2818A) for aluminium track

Flush Pulls



Flush Pull Set (385SA) satin, also available in polished brass (385PB)



Flush Pull (144S) satin, also available in black (144B)



Flush Pull (400) SAA, also available in stainless steel (400SS)

View our full range of accessories on page 138

****Replace by length of track for full short code



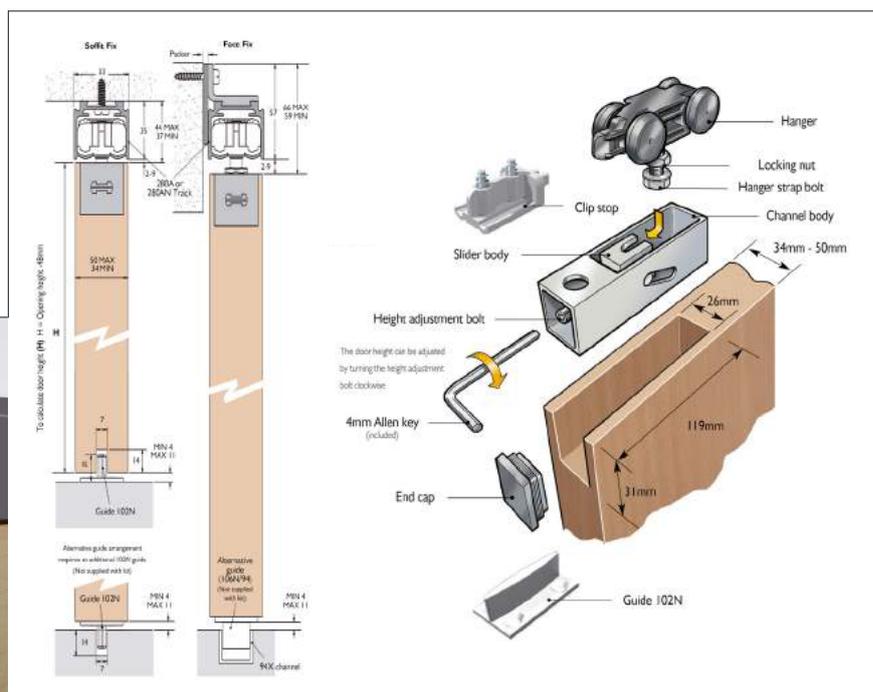
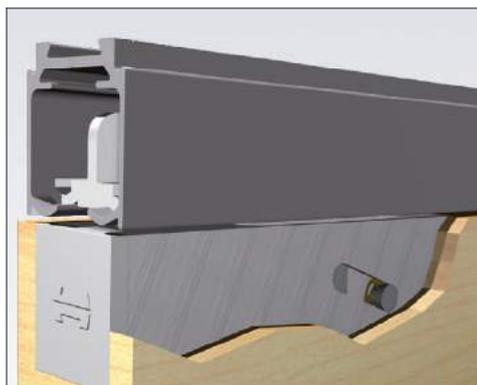
HUSKY 100 LOW HEADROOM

For wooden sliding doors weighing up to 100kg with all parts concealed



Versatile and quiet, with the added benefits of all operating door hardware being concealed, the Husky 100 Low Headroom Kit is ideal for creating wardrobe doors and room diving doors with one or more wooden, wood framed or composite doors. Catering for doors weighing up to 100kg, the kit is designed to reduce the clearance between the track and top of the door to 2mm - making the hardware barely visible.

The track must be specified in addition to the kit (see tables below).



Product Information

Kit Short Code	Max. Door Width	Max. Door Height	Door Thickness Range	Max. Door Weight
LH100	1250mm	1500mm	34 - 50mm	100kg

Track Specification - must be purchased in addition to kit

Short Code	Description
280A/****	Aluminium track in 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm lengths
280AN/****	Anodised aluminium track in 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm lengths
280/****	Steel track in 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm lengths

****Replace by length of track for full short code

Kit Contents

Component	Short Code
Low Headroom Units (x 2)	LH100C
End Caps (x 2)	LH100EC
Low Headroom Clip Stops (x 2)	286LH
Low Headroom Hangers (x 2)	285LH
Guide (x 1)	102N
Allen Key (x 1)	-
Screw Pack (x 1)	-

Accessories



Aluminium Guide Channel (94X/****)



Roller Guide for Wooden Doors (106N/94)



Roller Guide for Metal Doors (104P/89)



Floor Stop (103)

[View our full range of accessories on page 138](#)

HUSKY SOFT STOP

NEW

For wooden and metal sliding doors weighing up to 100kg with built in soft close and opening mechanism



Husky Soft Stop is a new product from P C Henderson which caters for sliding wooden and metal doors weighing up to 100kg. This superior product comes with the added benefits of a built in dual soft close **and** opening mechanism which gently decelerates the door and pulls it into its final position. The result is an extremely sophisticated and quiet system which boasts anti slamming properties and enhanced product longevity.

The dual soft stop is pre assembled and concealed within the track to provide ease of installation and a minimalistic finish. To ensure optimum performance the product is available in five kit variants, depending on the door weight of your application, and can be combined with two choices of track.

Note: Kit SOFTH100 (for doors weighing between 80 - 100kg) has a single soft stop only.

Product Information

Short Code	No. of Doors	Min. Door Width	Max. Door Width	Door Thickness Range	Door Weight Range
SOFTH20	1	600mm	900mm	20 - 50mm	10 - 20kg
SOFTH40	1	600mm	900mm	20 - 50mm	20 - 40kg
SOFTH60	1	600mm	900mm	20 - 50mm	40 - 60kg
SOFTH80	1	600mm	900mm	20 - 50mm	60 - 80kg
SOFTH100*	1	600mm	900mm	20 - 50mm	80 - 100kg

*Single soft stop only

Track Specification - must be purchased in addition to kit

Short Code	Description
280A/****	Aluminium track available in 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm lengths
280AN/****	Anodised aluminium track available in 1500, 1800, 2000, 2500, 3000, 4000 and 6000mm lengths

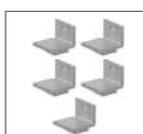
Kit Contents

Component

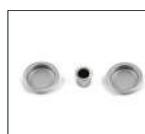
Hangers
Dampers
Triggers
Apron Plates
Floor Guide
All Required Fixings



Accessories



Face Fixed Brackets - Pack of 5 or 8 (**2815A** or **2818A**) for aluminium track



Flush Pull Set (**385SA**) satin, also available in polished brass (385PB)



Flush Pull (**144S**) satin, also available in black (144B)



Flush Pull (**400**) SAA, also available in stainless steel (400SS)

View our full range of accessories on page 138

POCKET DOOR PRO NEW

Professional sliding door solution that works with cavity walls for doors weighing up to 120kg



Pocket Door Pro is a professional hardware solution that allows doors to effortlessly slide into a cavity wall. Designed with a high quality, aluminium cavity frame, the system is extremely robust - making it ideal for new builds and areas of high use such as educational buildings, hospitals, hotels and office blocks. The system also offers amazing space saving benefits making it ideal for smaller rooms and disability access areas.

The sturdy aluminium cavity frame comes with push together parts for easy and rapid installation. The system is also available with an optional soft close which catches the door in its final moments of travel and gently brings it into position - preventing slamming.

The system is available in eight different kit sizes (covering doors up to 930mm x 2315mm) for finished wall thickness's of 120mm or 125mm. For bi-parting doors, two kits can be used.

Available accessories include a timber liner kit to create a professional finish and a self close system (which comes complete with a specially adapted liner kit) allowing doors to close themselves after opening. The system is also available as a fire rated system (page 36) and an automated system (page 120).

Product Information

Kit Order Code		Max. Door Width	Max. Door Height	Door Thickness Range	Max. Door Weight
Standard	With Soft Close				
PDKPRO1/**	PROSOFT1/**	610mm	1981mm	28 - 44mm	120kg*
PDKPRO2/**	PROSOFT2/**	686mm	1981mm	28 - 44mm	120kg*
PDKPRO3/**	PROSOFT3/**	762mm	1981mm	28 - 44mm	120kg*
PDKPRO4/**	PROSOFT4/**	838mm	1981mm	28 - 44mm	120kg*
PDKPRO5/**	PROSOFT5/**	762mm	2040mm	28 - 44mm	120kg*
PDKPRO6/**	PROSOFT6/**	826mm	2040mm	28 - 44mm	120kg*
PDKPRO7/**	PROSOFT7/**	726mm	2040mm	28 - 44mm	120kg*
PDKPRO10/**	PROSOFT10/**	930mm	2315mm	28 - 44mm	120kg*

***For full short code please replace with required finished wall thickness - 120 or 125 (mm)

*Maximum door weight when specifying as a soft close kit is 80kg

Kit Contents

Component

Aluminium Header Track (x1)
Aluminium Upright (x4)
Hangers (x2)
Floor Guide (x1)
Fixing Plate (x4)
Header Fixing Bracket (x8)
Door Stop (x1)
Noggin c/w Fixing Block (x2) (x4 for PDKPRO10)
Floor Bracket (x2) (x4 for PDKPRO10)
Screws
Tie Back c/w Fixing Block (x4) (PDKPRO10 only)

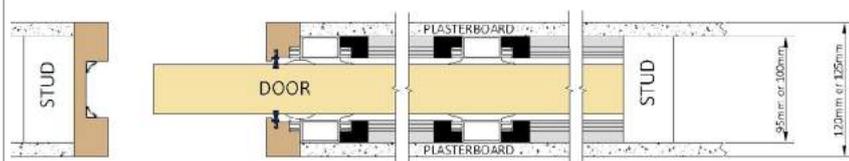
Finished Wall Thickness Calculation

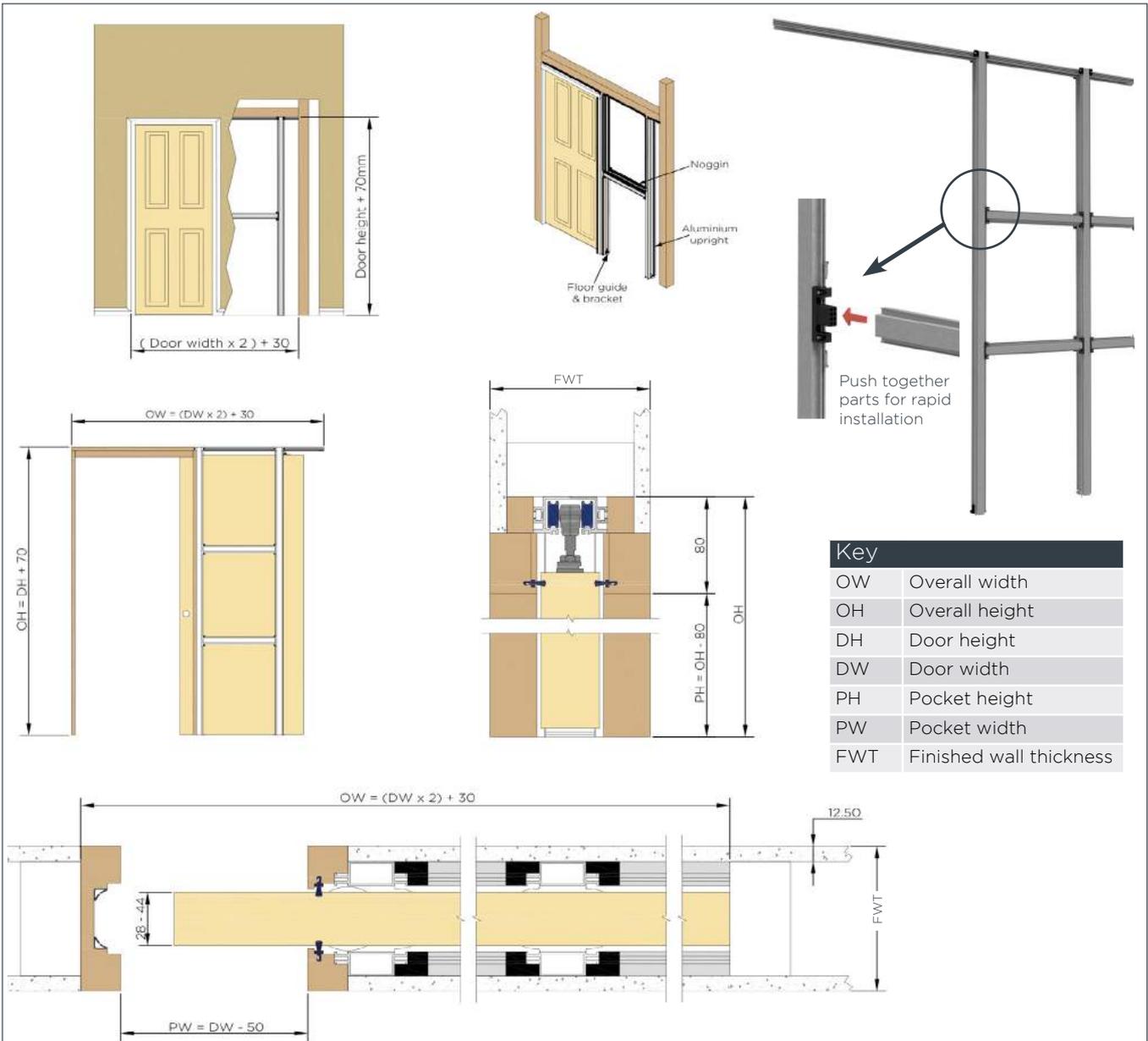
120mm Finished Wall Thickness

95mm cavity + 12.5mm plasterboard either side = 120mm finished wall thickness

125mm Finished Wall Thickness

100mm cavity + 12.5mm plasterboard either side = 125mm finished wall thickness





Key	
OW	Overall width
OH	Overall height
DH	Door height
DW	Door width
PH	Pocket height
PW	Pocket width
FWT	Finished wall thickness

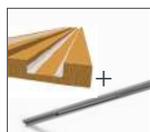
Opening Size Guide

Kit	Max. Passage Width (W x H)	Overall Dimensions (W x H)	Cavity Thickness	Finished Wall Thickness (FWT)
PDKPRO1/**	560mm x 1971mm	1250mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO2/**	636mm x 1971mm	1402mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO3/**	712mm x 1971mm	1554mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO4/**	788mm x 1971mm	1706mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO5/**	712mm x 2030mm	1554mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO6/**	776mm x 2030mm	1682mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO7/**	676mm x 2030mm	1482mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO10/**	880mm x 2305mm	1890mm x 2385mm	95mm or 100mm	120mm or 125mm

Accessories



Liner Kit for non self closing systems (LK/**)



Self Close & Liner Kit
Doors close themselves after opening, complete with liner kit. For doors up to 100kg (SCLK/**)



Flush Pull Set (385SA) satin, also available in polished brass (385PB)



Flush Pull (144S) satin, also available in black (144B)



Flush Pull (400) SAA, also available in stainless steel (400SS)

View our full range of accessories on page 138

*** For full short code please replace with required finished wall thickness size - 120 or 125 (mm)

POCKET DOOR PRO FIRE RATED

Fire rated pocket door hardware certified to FD30 and FD60 standards

NEW



Pocket Door Pro Fire Rated contains all the benefits of our regular Pocket Door kit as well as being a certified fire rated system to FD30 and FD60 standards. The kit contains intumescent seals and is made out of FDC Finger Jointed Laminated Redwood. The process of finger jointing, combined with a laminated finish, means that the wood is knot and defect free and delivers significantly better product reliability over time.

The system is available in eight different kit sizes (covering doors up to 930mm x 2315mm); for finished wall thickness's of 120mm or 125mm; FD30 or FD60 applications and self closing or non self closing applications. Please consult your building inspector prior to purchase to determine if your application requires a self closer.

The kit should be specified in two parts (see below tables) to combine the certified fire rated liner kit and the Pocket Door hardware kit. The system has been independently tested and certified by Warrington Fire to BS476:Part22:1987.

Fire Rated Liner Kit Specification

Kit Short Code	Fire Rating	Self Close	Max. Door Thickness	Wall Thickness*
LKFD30/**	FD30 (30 minutes)	Non Self Closing	44mm	120mm* or 125mm*
SCLKFD30/**		Self Closing (for doors weighing 30kg-100kg)	44mm	120mm* or 125mm*
LKFD60/125	FD60 (60 minutes)	Non Self Closing	54mm	125mm*
SCLKFD60/125		Self Closing (for doors weighing 30kg-100kg)	54mm	125mm*

***For full short code please replace with required finished wall thickness - 120 or 125 (mm) *Plus 12.5mm additional fire rated board either side

Product and Door Specification - must be specified in addition to Fire Rated Liner Kit

Kit Order Code	No. of Doors	Max. Door Width	Max. Door Height	Max. Door Weight
PDKPRO1/**	1	610mm	1981mm	120kg
PDKPRO2/**	1	686mm	1981mm	120kg
PDKPRO3/**	1	762mm	1981mm	120kg
PDKPRO4/**	1	838mm	1981mm	120kg
PDKPRO5/**	1	762mm	2040mm	120kg
PDKPRO6/**	1	826mm	2040mm	120kg
PDKPRO7/**	1	726mm	2040mm	120kg
PDKPRO10/**	1	930mm	2315mm	120kg

***For full short code please replace with required finished wall thickness - 120 or 125 (mm)

*Fire Rated Finished Wall Thickness Calculation

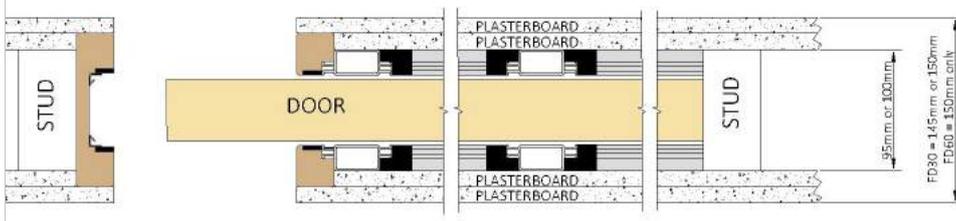
To ensure compliance with BS 478 Part 22 - 12.5mm of extra fire rated board should be applied to either side when using a fire rated liner kit. This brings the final wall thickness to 145mm or 150mm. Note FD60 is only available for a 150mm finished wall thickness.

120mm Finished Wall Thickness

95mm cavity + 12.5mm fire rated board either side = 120mm finished wall thickness
+12.5mm additional fire rated board either side = 145mm

125mm Finished Wall Thickness

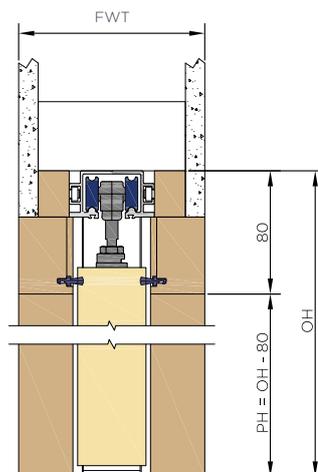
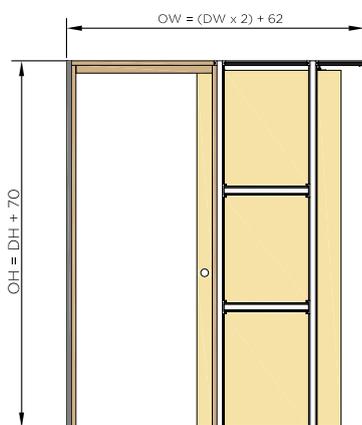
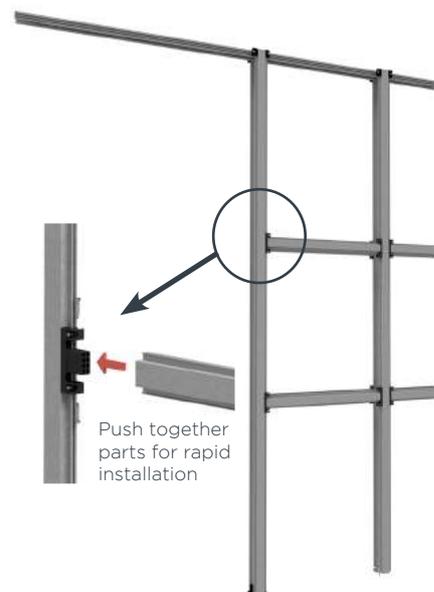
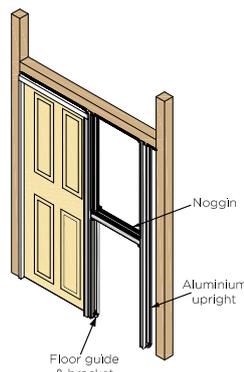
100mm cavity + 12.5mm fire rated board either side = 125mm finished wall thickness
+12.5mm additional fire rated board either side = 145mm



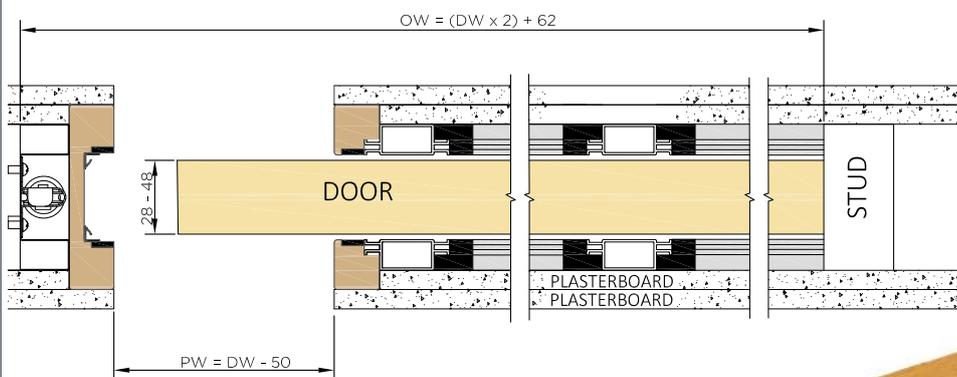
Kit Contents (PDKPRO)

Component

Aluminium Header Track (x1)
Aluminium Upright (x4)
Hangers (x2)
Floor Guide (x1)
Fixing Plate (x4)
Header Fixing Bracket (x8)
Door Stop (x1)
Noggin c/w Fixing Block (x2) (x4 for PDKPRO10)
Floor Bracket (x2) (x4 for PDKPRO10)
Screws
Tie Back c/w Fixing Block (x4) (PDKPRO10 only)



Key	
OW	Overall width
OH	Overall height
DH	Door height
DW	Door width
PH	Pocket height
PW	Pocket width
FWT	Finished wall thickness



Fire Rated Liner Kit
Complete with intumescent seals

Opening Size Guide

Kit	Max. Passage Width (W x H)	Overall Dimensions (W x H)	Cavity Thickness	*Wall Thickness
PDKPRO1/**	560mm x 1971mm	1250mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO2/**	636mm x 1971mm	1402mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO3/**	712mm x 1971mm	1554mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO4/**	788mm x 1971mm	1706mm x 2051mm	95mm or 100mm	120mm or 125mm
PDKPRO5/**	712mm x 2030mm	1554mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO6/**	776mm x 2030mm	1682mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO7/**	676mm x 2030mm	1482mm x 2110mm	95mm or 100mm	120mm or 125mm
PDKPRO10/**	880mm x 2305mm	1890mm x 2385mm	95mm or 100mm	120mm or 125mm

SHUTTER SLIDE

NEW

Straight sliding hardware for the movement of manual and automatic louvre panels



Shutter Slide is a high performing straight sliding louvre system, suitable for residential and commercial applications. The highly flexible system can cater for wooden and metal external louvre panels weighing up to 120kg.

Offering a variety of inspiring and functional design possibilities, the system is available as single panel; simultaneous action panel or telescopic panel variants. All systems are available in either manual or automatic operation.

Manufactured from 316 marine grade stainless steel, hard wearing polymers and anodised aluminium, the system is extremely robust, highly corrosion resistant and developed to ensure a long lifespan.

Wind load testing should be carried out based on a projects individual requirements. P C Henderson can utilise in-house CAD software to provide an indicative wind load calculation.

Available in 24V or 230V options our state of the art motors can be operated by the push of a button or remote control. Alternatively the motors can be wired into the central control panel of a building.

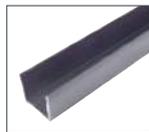
Product Information

Configuration	Type of System	Min. Panel Width	Max. Panel Height	Panel Thickness Range	Max. System Width	Max. Panel Weight
Single Panel	Manual	400mm	3000mm	35 - 50mm	6000mm	120kg
	Automatic	400mm	3000mm	35 - 50mm	6000mm	120kg
Simultaneous Action	Manual	400mm	3000mm	35 - 50mm	6000mm	120kg
	Automatic	400mm	3000mm	35 - 50mm	6000mm	60kg
Telescopic (2 panels)	Manual	400mm	3000mm	35 - 47mm	6000mm	120kg
	Automatic	400mm	3000mm	35 - 47mm	6000mm	80kg
Telescopic (3 panels)	Manual	400mm	3000mm	35 - 47mm	6000mm	120kg
	Automatic	400mm	3000mm	35 - 47mm	6000mm	60kg

Accessories



Support Channel
(94SC) anodised aluminium



Polypropylene Channel (94P) Black



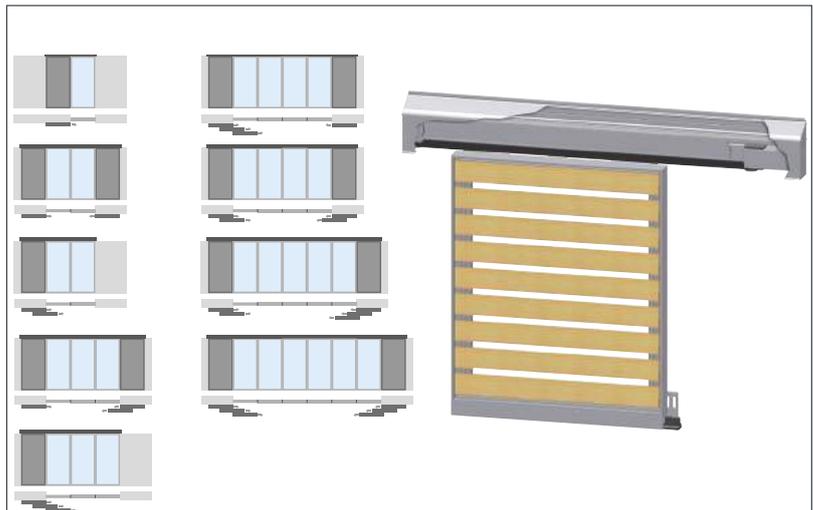
Wall Mounted Guide
(102SS/94)



Concealed Guide
(106SS/94)



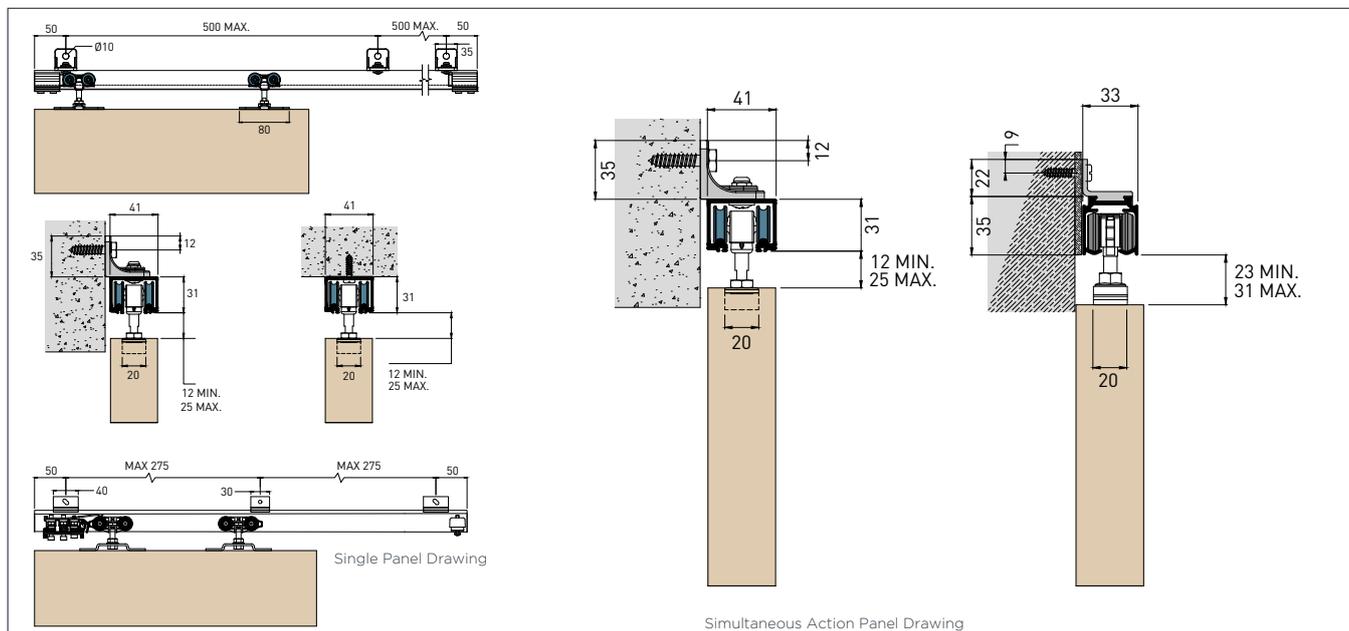
Remote Control Kit
(E2/RCK)



Product Specification

Component	Description	Short Code
Track	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	120/****
Hanger	Top fixed, surface mounted hanger for wooden and metal louvre panels	51/120/SS
	Angle frame hanger for metal louvre panels	56/120/SS
Brackets	Face fixed stainless steel bracket (600mm spacing)	1/SS
	Face fixed double run stainless steel bracket (900mm spacing)	5/SS
Belt, Clamp and Pulley	Belt 10mm (per metre)	E/B10
	Clamp 10mm	E/CL10
	Pulley	E/PA10
Telescopic Set If applicable	Telescopic set - 2 panels	E/TEL2
	Telescopic set - 3 panels	E/TEL3
Wall Fixing Profile	Wall fixing profile for single run track (per metre)	WP50/T
	Wall fixing profile for double run track (per metre)	WP100/T
	Wall fixing profile for triple run track (per metre)	WP150/T
Fascia	Fascia for WP50/T (per metre)	WP50/F
	Fascia for WP100/T (per metre)	WP100/F
	Fascia for WP150/T (per metre)	WP150/F
Fascia End Caps	Endcap for WP50/F fascia	WP50/EC
	Endcap for WP100/F fascia	WP100/EC
	Endcap for WP150/F fascia	WP150/EC
Guide	U profile guide	GSS/U
	U profile guide with gasket	GSS/UR
	U profile guide with L profile	GSS/UL
	U profile guide with L profile and gasket	GSS/ULR
	L plate available in 40, 60 or 80mm lengths	GSS/MK**
	Guide to be used with GSS/MK L plate - narrow (10mm or 17mm depth)	GSS/SSK**
	Guide to be used with GSS/MK L plate (10mm or 17mm depth)	GSS/SBK**
	Plastic U guide to be used with L profile or T profile	GSS/MK
	Black nylon guide, can be floor or panel mounted (4mm depth)	GSS/SL
Stop	Track stop	HH4/SS
Motor	24V motor with connection cable and belt	E120/24V
	230V motor with connection cable and belt	E120/230V
Controller	Controller switch panel (only for use with 24V motor)	ECU/99

**Replace with required length of depth for full short code



UNIVERSAL TELESCOPIC

For sliding telescopic wooden doors weighing up to 80kg and 120kg



Universal Telescopic works alongside the Husky 100 and Soltaire 120 systems for top hung wooden doors weighing up to 80kg or 120kg. The Telescopic system allows all the doors to be linked together using a toothed belt and pulley system so that they move in a simultaneous action. The system also incorporates the coveted ghost guide which keeps the area clean and free from trip hazards. In addition to this, the door panels can be neatly stacked into the wall cavity to allow for flexible open plan living.

Product Information

Kit Order Code	Used With	No. of Doors	Min. Door Width	Max. Door Width	Door Thickness Range	Max. Door Weight
UTEL/2	Husky 100	2	500mm	1200mm	32 - 47mm	80kg
	Soltaire 120	2	500mm	1200mm	35 - 47mm	120kg
UTEL/3	Husky 100	3	500mm	1200mm	32 - 47mm	80kg
	Soltaire 120	3	500mm	1200mm	35 - 47mm	120kg
UTEL/4	Husky 100	4 (2+2)	500mm	1200mm	32 - 47mm	80kg
	Soltaire 120	4 (2+2)	500mm	1200mm	35 - 47mm	120kg

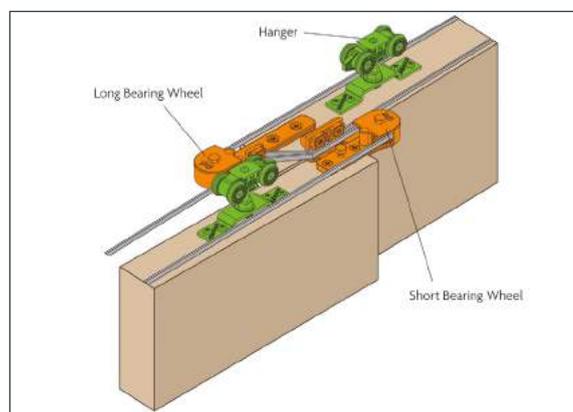
Hangers, Track Stops and Track Specification - Must be purchased in addition to telescopic kit

Accompanying Product	Component	Description	Short Code
Husky 100 for doors weighing up to 80kg	Track	Aluminium mill finish track in 2000, 2500, 3000, 4000, 5000 and 6000mm	280A/****
		Anodised aluminium track in 2000, 2500, 3000, 4000, 5000 and 6000mm	280AN/****
	Hanger 2 per door	For wooden doors	284
	Track Stop 2 per system	Track Stop	
Clip Stop			601H
Soltaire 120 for doors weighing up to 120kg	Track	Anodised aluminium track in 2000, 2500, 3000, 4000, 5000 and 6000mm	120/****
	Hanger 2 per door	Hanger with surface mounted apron plate	51/120/SS
	Track Stop 2 per system	Track Stop	HH4/SS

**** Replace by length of track for full short code

Kit Contents

Component	UTEL 2 Quantity	UTEL 3 Quantity	UTEL 4 Quantity
Short Bearing Wheel Assembly	1	2	2
Door Mounted Belt Fixing Bracket	1	2	4
Length of Toothed Belt	1	1	1
Following Door Guide	1	2	2
Fixed Base Floor Guide	1	1	2
Long Bearing Wheel Assembly	1	2	2
Wall Mounted Belt Fixing	1	1	2



Accessories



Flush Pull Set
(385SA) satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Flush Pull
(400) SAA,
also available in
stainless steel
(400SS)

**View our full range of
accessories on page 138**

SIENNA

Elegant system for sliding, frameless wooden doors weighing up to 120kg



Sienna is an elegant sliding system that creates a minimalistic and stylish look. It is designed to accommodate wooden doors of 30 - 70mm thickness and a weight capacity of 120kg. The systems rollers are expertly engineered to effortlessly run along the brushed stainless steel 304 (A2) tubular track and stops are positioned on the track to limit the amount of door travel.



Product Information

Kit Order Code	No. of Doors	Min. Door Width	Max. Door Width	Door Thickness Range	Max. Door Weight
SN120T	1	700mm	2500mm	30 - 70mm	120kg

Track Specification - Must be purchased in addition to kit

Description	Short Code
25mm stainless steel tubular track available in 2000, 2500, 3000, 3500, 4000 and 6000mm length. Comes complete with correct number of brackets.	25/****T

**** Replace with track length for full short code

Opening Height (OH)

Opening Width (OW)

Panel Width (PW)
PW = OW + 80mm

Door Height (DH)
DH = OH + 80 - 5mm
2500mm max.

51

100

38

30

9

15

7

Standard Bar	No. of Fixing Plates/Brackets
2000mm	4
2500mm	5
3000mm	6
3500mm	7
4000mm	8

Kit Contents

Component	Short Code
Hangers (x 2)	-
Door Stops (x 2)	25/UDS
Guide (x 1)	101SS
Bar End Caps (x 2)	25/EC

Accessories

End Sleeve for Sienna Bar (**25/SS**)

Flush Pull Set (**385SA**) satin, also available in polished brass (385PB)

Flush Pull (**144S**) satin, also available in black (144B)

Flush Pull (**400**) SAA, also available in stainless steel (400SS)

View our full range of accessories on page 138

SIENNA GLASS

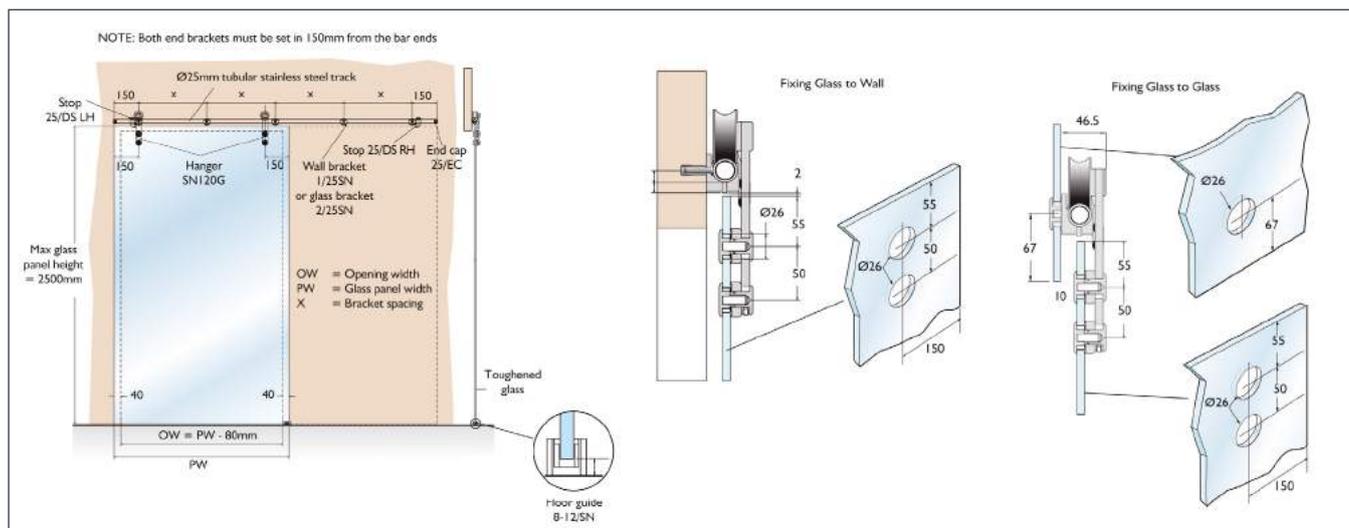
Stainless steel sliding bar system for glass doors weighing up to 120kg



This elegant frameless system creates a minimalistic look thanks to the modern design of the stainless steel (304, A2) hangers. The systems specialised rollers have been engineered to effortlessly run along a brushed stainless steel tubular track, enabling this system to be one of the most efficient on the market.

The system has been designed for use with applications requiring glass door to glass wall or glass door to solid wall fixings. Stops positioned on the track limit the door travel.

For bracket spacing calculations, please see the product datasheet which can be downloaded from our website.



Product Information

Kit Order Code	No. of Doors	Min. Door Width	Max. Door Width	Glass Thickness	Max. Door Weight
SN120G	1	700mm	3000mm	8, 10 or 12mm	120kg

Track and Bracket Specification - Must be purchased in addition to kit

Component	Description	Short Code
Track	25mm stainless steel tubular track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	25/****
Brackets View datasheet for details on bracket spacing	Face fixed bracket for solid wall	1/25SN
	Face fixed bracket for glass wall	2/25SN

**** Replace by length of track for full short code

Kit Contents

Component	Short Code
Hangers (x 2)	-
Door Stops (x 2)	25/DSR or 25/DSL
Guide (x 1)	8-12/SN
Bar End Caps (x 2)	25/EC
Fitting Tool (x1)	25/TOOL

Accessories



End Sleeve for Sienna Bar (25/SS)

View our full range of accessories on page 138

PACER GLASS

For sliding glass doors weighing up to 130kg and 180kg



Pacer Glass is a sophisticated system which accommodates both sliding and fixed glass panels, making it ideal for interior dividers in offices and shops as well as more modern applications in new developments. The nature of these applications require quality aesthetic finishes and, to meet this demand, Pacer has an additional specially designed clip on fascia for both soffit fixed and face fixed applications.



Product Information

Product	Max. Door Width	Glass Thickness	Max. Door Weight
Pacer Glass	3000mm	8, 10 or 12mm	130kg
	3000mm	8, 10 or 12mm	180kg

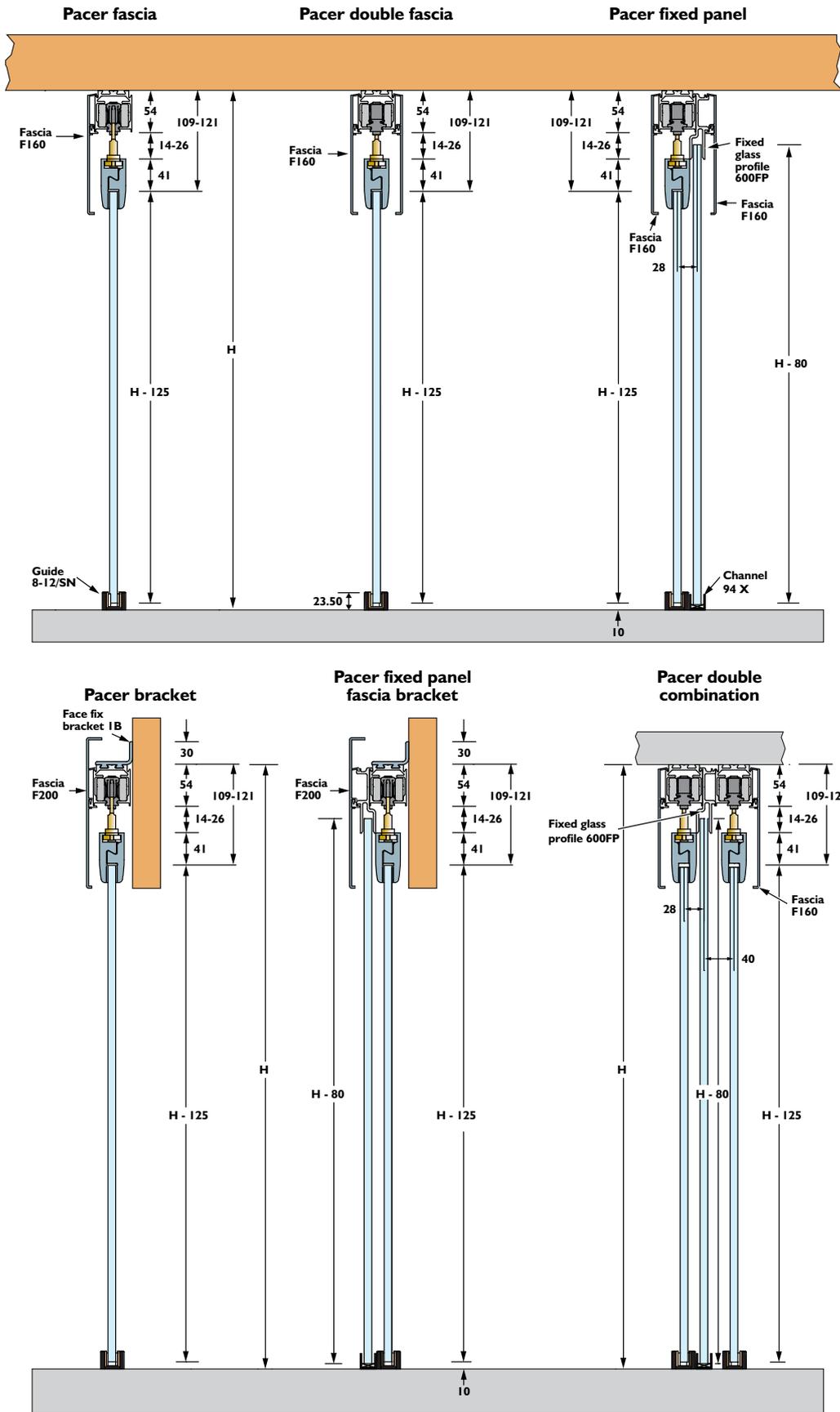
Product Specification

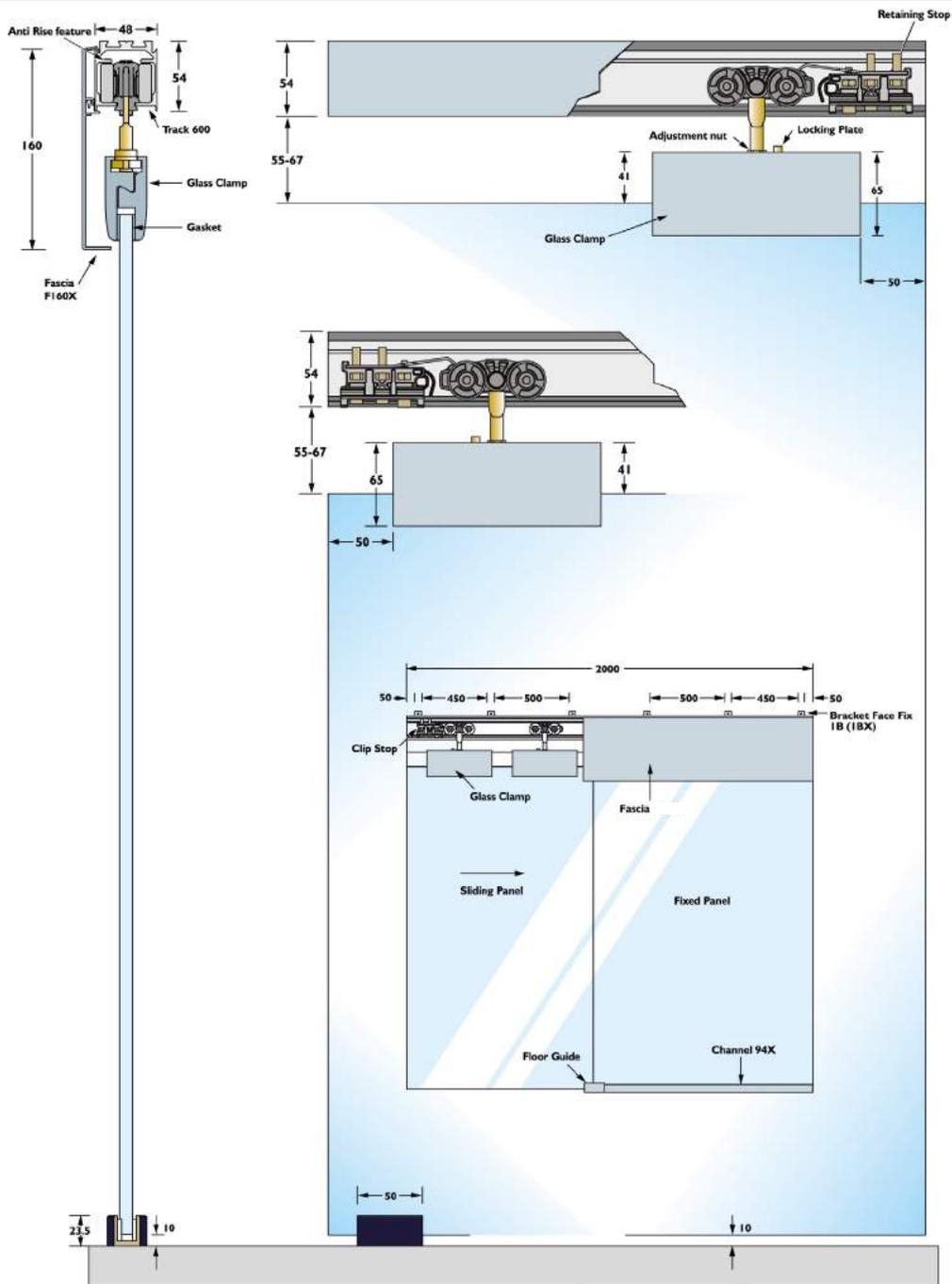
Component	Description	Short Code
Track	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****AN
	Aluminium mill finish track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****
Brackets	Bracket for fixed glass panel	600FPB
	Face fixed bracket	1B
	Jointing bracket	1BX
Glass Clamp Kit Consists of two 56 hanger assemblies, two glass clamp assemblies, a universal guide and two 601P retaining stops	130kg glass clamp kit for 8mm glass	8/PA/130
	130kg glass clamp kit for 10mm glass	10/PA/130
	130kg glass clamp kit for 12mm glass	12/PA/130
	180kg glass clamp kit for 8mm glass	8/PA/180
	180kg glass clamp kit for 10mm glass	10/PA/180
Floor Guide	180kg glass clamp kit for 12mm glass	12/PA/180
	Floor guide for 8, 10 or 12mm glass	8-12/SN
	Fascia	Fascia for soffit fixed track in 2000, 2500, 3000, 3500, 4000, 5000 & 6100mm lengths
End cap for F160 fascia		F160/ECP
Fascia for face fixed track in 2000, 2500, 3000, 3500, 4000, 5000 & 6100mm lengths		F200/****
End cap for F200 fascia		F200/ECP

**** Replace by length of track for full short code

Accessories [View our full range of accessories on page 138](#)

PACER GLASS CONTINUED





CHOICE OF HARDWARE

Tracks



600AN



600

Brackets



600FPB



1B



1BX

Clamp Kit



/PA/

Floor Guide



8-12SN

Fascia



F160



F160/ECP



F200



F200/ECP

Accessories

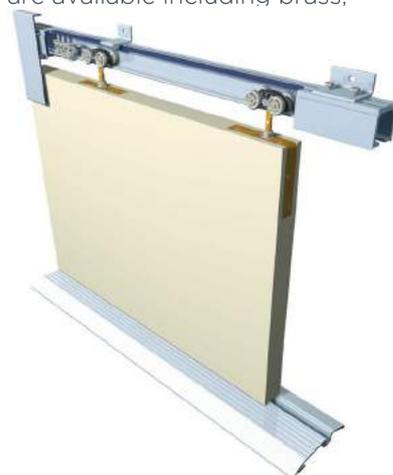
View our full range of accessories on page 138

PACER SLIDING

For wooden and metal sliding doors weighing up to 200kg



Combining performance and style Pacer Sliding is suitable for wooden, aluminium or metal doors weighing up to 200kg. The system is ideally suited to modern applications including offices, shop fronts and other stylish interiors. Various guide channels are available including brass, aluminium and an aluminium threshold. A track mounted aluminium fascia is also available for face fixed and soffit fixed applications to conceal the working components. Wooden doors may be either solid or glazed and metal doors can be angle or box section.



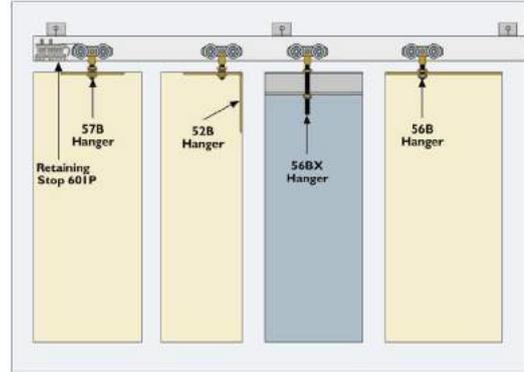
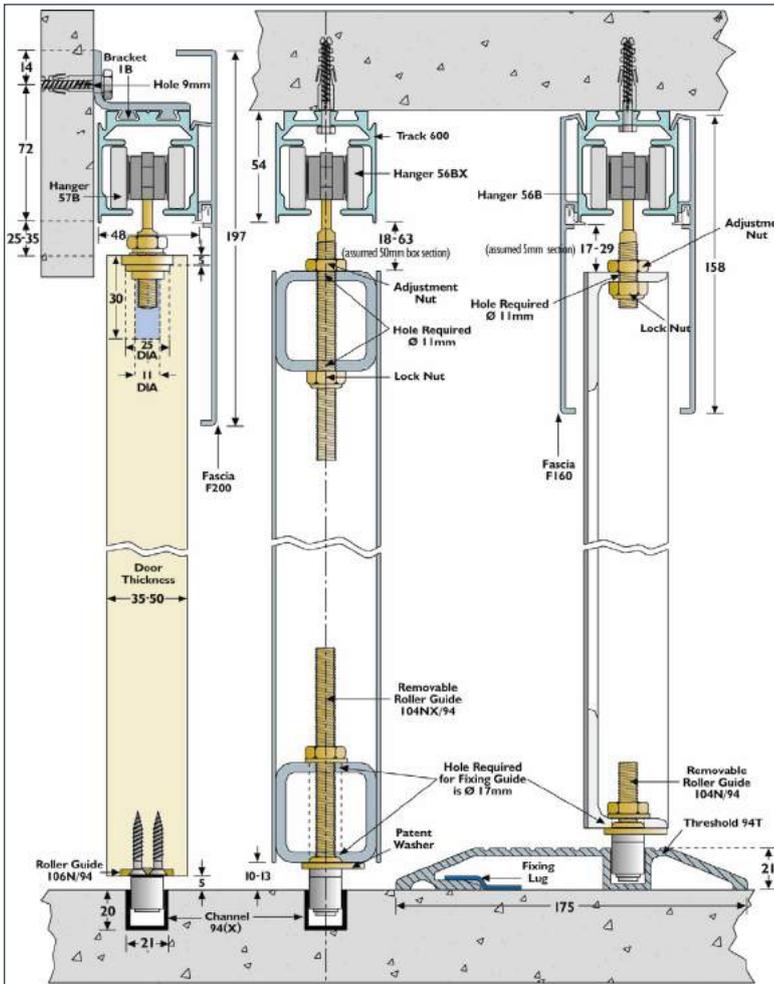
Product Information

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Pacer Sliding	2000mm	35 - 46mm	200kg

Product Specification

Component	Description	Short Code
Track	Aluminium mill finish track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****
	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****AN
Brackets	Face fixed bracket	1B
	Jointing bracket	1BX
Hangers	Angle plate fixing hanger for wooden doors	52B
	Hanger for angle frame metal doors	56B
	Hanger for box frame metal doors	56BX
	Concealed fixing hanger for wooden doors, aluminium doors or metal doors	57B
Guides	Floor mounted guide for wooden, aluminium or metal doors	89/2N
	Concealed fixing guide for wooden or aluminium doors	106N/94
	Guide for angle frame metal doors	104N/94
	Guide for box frame metal doors	104NX/94
Guide Channel	Brass guide channel available in 1500 and 3000mm lengths	94/****
	Aluminium guide channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****
	Aluminium threshold in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	94T/****
	Polypropylene channel in black in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	94P/****
Stop	Retaining stop mounted within track	601P
Fascia	Satin anodised aluminium fascia for soffit fixed track in 2000, 2500, 3000, 3500, 4000 and 6100mm lengths	F160/****
	End cap for F160 fascia	F160/ECP
	Satin anodised aluminium fascia for face fixed track in 2000, 2500, 3000, 3500, 4000 and 6100mm lengths	F200/****
	End cap for F200 fascia	F200/ECP

**** Replace by length of track for full short code



CHOICE OF HARDWARE

Tracks



600



600AN

Brackets



1B



1BX

Hangers



52B



56B



56BX



57B

Guides



89/2N



106N/94



104N/94



104NX/94

Guide Channel



94



94X



94T



94P

Stop



601P

Fascia



F160



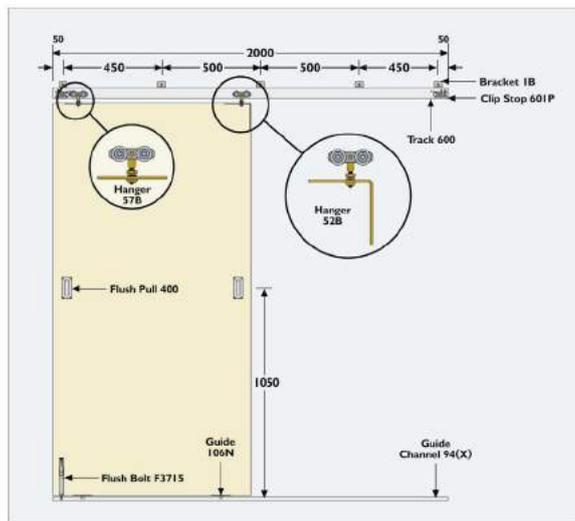
F160/ECP



F200



F200/ECP



Accessories

View our full range of accessories on page 138

IMPERIAL

For bottom rolling sliding wooden doors weighing up to 200kg



Imperial is ideal for bottom rolling patio doors and straight sliding room partitions for residential and commercial applications. The bottom rolling system allows the system to be installed where there is insufficient support for a top hung system and therefore requires very little structural support. To cover the width of the opening, any number of doors can be used on single or multiple lines of track; doors can also slide to one or both sides.

Ready-made kit packs are available as locking and non-locking versions. The locking versions come complete with a high security 6 hook lock and keep plate. To allow increased flexibility Imperial is also able to be specified as individual parts if you would like to put together a unique system to better suit your individual requirements.

Imperial Patio Kit Information - use the below tables when specifying Imperial in kit pack format

Product	Kit Short Code	Track Length	No of Doors	Max. Door Width	Door Thickness Range	Max. Door Weight
Imperial Patio Kit - Locking	IMPATIO/L	3000mm	1	1500mm	40 - 56mm	200kg
Imperial Patio Kit - Non Locking	IMPATIO/NL	3000mm	1	1500mm	40 - 56mm	200kg

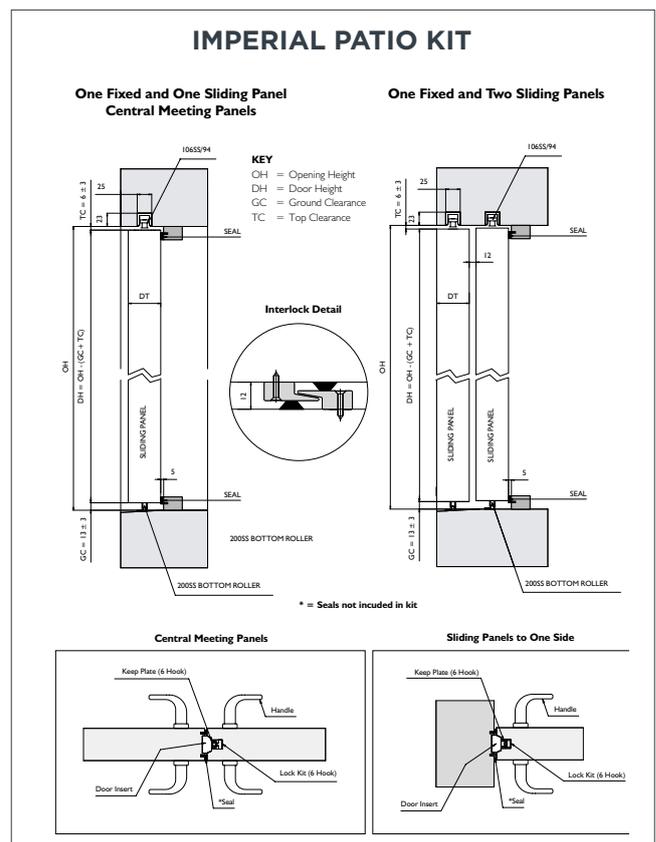
Imperial Patio Kit Contents

Component	Short Code
Bronze Bottom Rail (x 1)	915B/3000
Polypropylene Channel (x1)	94P/3000
Stainless Steel Door Stops (x 2)	DS200/SS
2.4m Interlocking Profile (x 2)	INTPROF/24
Stainless Steel Twin Wheel Rollers (x 2)	200SS
Heavy Duty Stainless Steel Top Guides(x 2)	106SS/94
6 Hook Lock Kit (x 1) (included in Imperial Locking Kit only)	-

Note: Doors must be constructed with bottom rails of at least 150mm depth to accommodate the concealed, morticed bottom rollers.

Door weight is carried on the floor permitting the use of a light overhead structure.

Door seals are not supplied by P C Henderson.



Imperial Product Information - Use the below tables when specifying parts individually

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Imperial (Specified)	3000mm	40mm - 56mm	100kg or 200kg

Product Specification

Component	Max. Door Weight	Description	Short Code
Top Guide Channel	100kg	Aluminium channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****
		Polypropylene channel in 2000, 2500, 3000, 3500, 4000, 5000 & 6000mm lengths	94P/****
		Aluminium support channel (to be used in conjunction with 94P channel) in 2000, 3000, 4000 and 6000mm lengths	94SC/****
		Stainless steel channel in 2000 and 3000mm lengths	89/****SS
Bottom Rail	200kg	Aluminium channel with safety lip in 2000, 3000, 4000 and 6000mm lengths.	900AN/****
		Aluminium mill finish bottom rail in 1500, 2000, 3000, 4000 and 6000mm lengths	915A/****
Brackets Fitted at 900mm maximum centres	200kg	Bronze bottom rail available in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	915B/****
		Stainless steel face fixed bracket (compatible with 900AN)	1/SS
Top Guide Rollers 2 Per Door	100kg	Top plate fitting top guide for 94 channel	106HSS/94
		Corner fitting top guide for 94 channel	113SS/94
		Torpedo HDPE fitting top guide complete with stainless steel screws - for 89 or 94 channel	89/2N/SS
	200kg	Stainless steel top guide with double nylon rollers, one adjustable laterally to prevent rattle - for 900AN channel	261SS/900
Bottom Rollers 2 per door	200kg	Stainless steel bottom roller with precision ball bearing wheels with side access vertical adjustment	200SS
Interlocking Profile	200kg	Interlocking profile 2.4m	INTPROF/24
Stops	200kg	Floor stop	DS200/SS
		Track mounted stop for 900AN Channel	HH2/SS

CHOICE OF HARDWARE

Top Guide Channel



Bottom Rail



915A



915B

Bracket



1/SS

Top Guide Rollers



106HSS/94



113SS/94



89/2N/SS



261SS/900

Bottom Roller



200SS

Interlocking Profile



INTPROF/24

Stops

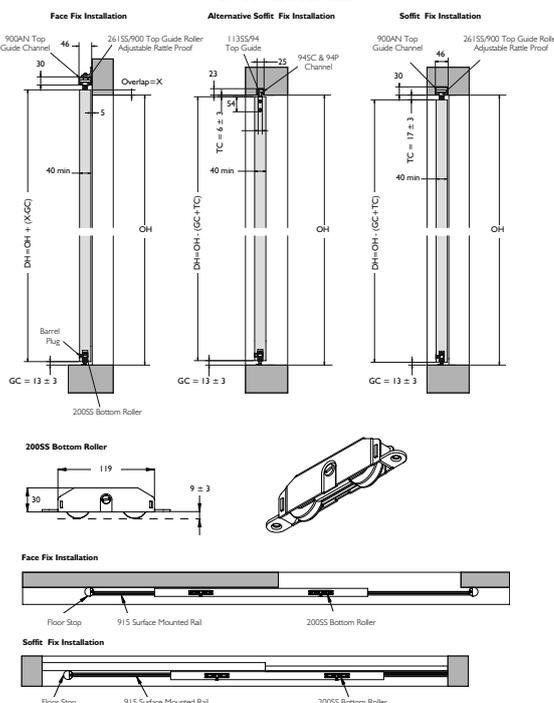


DS200/SS



HH2/SS

IMPERIAL



Accessories



Locking D Handle available in satin, chrome, gold, black and white* (DHAN/L*)



Non Locking D Handle available in satin, chrome, gold, black and white* (DHAN/N*)

View our full range of accessories on page 138

*For full short code replace with first letter of required colour e.g. S, C, G, B, W



SOLTAIRE

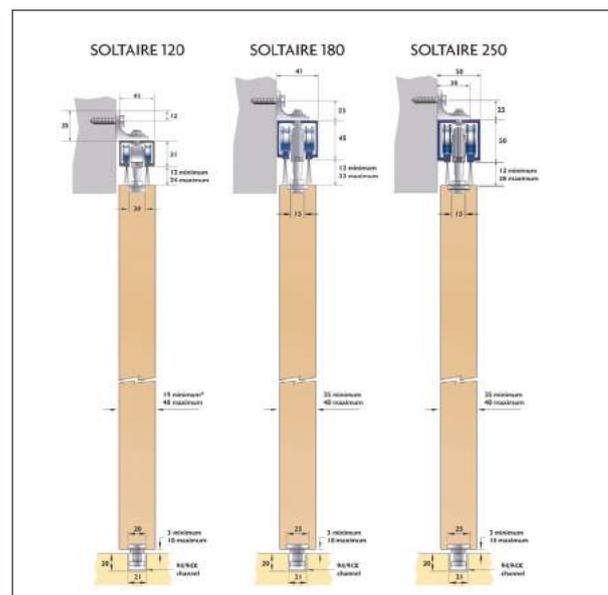
Top hung straight sliding door system for doors weighing up to 120kg, 180kg and 250kg



Soltaire is a beautifully crafted top hung sliding system designed to accommodate interior and exterior doors of one sliding panel or two bi-parting doors on a single track. Designed for door weights up to 120kg, 180kg or 250kg the system is ideal for residential or commercial applications. Manufactured from marine grade 316 stainless steel the system is ideal for coastal environments due to its weather and corrosion resistant properties.

Soltaire is available in ready made kits for ease of installation as well as being able to be specified as individual components. The system is also available in Soft Close (page 52), Low Headroom (page 53) and folding variants (page 82).

The track can be soffit fixed or face fixed for flexibility of installation.



Soltaire Kit Pack Information* - use the below tables when specifying Soltaire in kit pack format

Product	Kit Short Code: Internal	Kit Short Code: External	Track Length	No. of Doors	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire 120	S120/20ANI	S120/20AN	2000mm	1	1000mm	19 – 48mm	120kg
Soltaire 180		S180/30AN	3000mm	1	1500mm	35 – 48mm	180kg
Soltaire 250		S250/30AN	3000mm	1	1500mm	35 – 48mm	250kg

Soltaire Kit Pack Contents

Component	Soltaire 120 Internal	Soltaire 120 External	Soltaire 180	Soltaire 250
Track	120/2000 (x1)	120/2000 (x1)	180/3000 (x1)	250/3000 (x1)
Hangers	51/120/SS (x2)	51/120/SS (x2)	57/180/SS (x2)	57/250/SS (x2)
Guide	101SS (x1)	106SS/94 (x2)	106HSS/94 (x2)	106HSS/94 (x2)
Track Stops	HH4/SS (x2)	HH4/SS (x2)	HH4/SS (x2)	HH4/SS (x2)
Face Fix Brackets	1/SS (x4)	1/SS (x4)	1/SS (x5)	1/SS (x5)
Flush Pulls	144S (x2)	144S (x2)	144S (x2)	144S (x2)
Guide Channel	-	94X/2000 (x1)	94X/3000 (x1)	94X/3000 (x1)

*Can also be specified as individual components, see adjacent page for details

Soltaire Product Information - Use the below tables when specifying parts individually

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire 120	3000mm	19 - 48mm	120kg
Soltaire 180	3000mm	35 - 48mm	180kg
Soltaire 250	3000mm	35 - 48mm	250kg

Product Specification

Component	Description	Soltaire 120 Short Code	Soltaire 180 Short Code	Soltaire 250 Short Code
Track	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	120/****	180/****	250/****
Brackets	Face fixed stainless steel bracket (600mm spacing)	1/SS	1/SS	1/SS
	Face fixed double run stainless steel bracket (900mm spacing)	5/SS	5H/SS	5H/SS
Hangers	Face fixing hanger for MDF doors	52/120/SS	-	-
	Top fixed, surface mounted hanger for wooden and metal doors	51/120/SS	-	-
	Concealed plate fixing hanger for wooden doors	57/120/SS	57/180/SS	57/250/SS
	Corner plate fixing hanger for wooden doors	-	52/180/SS	52/250/SS
	Saddle plate fixing hanger for wooden doors	-	53/180/SS	53/250/SS
	Angle frame hanger for metal doors	56/120/SS	56/180/SS	56/250/SS
	Box frame hanger for metal doors	-	56X/180/SS	56X/250/SS
Guides	Side mounted guide	105SS/94	105SS/94	105SS/94
	Concealed fixing guide with stainless steel bearings	106SS/94	106HSS/94	106HSS/94
	Fixed guide	101SS	101SS	101SS
	Wall mounted guide	102SS/94	102SS/94	102SS/94
	Guide for angle frame metal door	104P/89	104P/89	104P/89
	Guide for box section metal door	104PX/89	104PX/89	104PX/89
Channels	Aluminium guide channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****	94X/****	94X/****
	Stainless steel channel available in 2000 and 3000mm lengths	89/****SS	89/****SS	89/****SS
	Polypropylene channel in black available in 2000, 3000, 3500, 4000, 5000 and 6000mm lengths	94P/****	94P/****	94P/****
	Anodised aluminium support channel available in 2000, 3000, 3500, 4000, 5000 and 6000mm lengths - to be used in conjunction with 94P channel	94SC/****	94SC/****	94SC/****
Brush Strips	Brush track seal in black in 10, 15, 20 and 25mm brush heights (quantity per metre)	BS**B	BS**B	BS**B
Track Stop	Track stop	HH4/SS	HH5/SS	HH5/SS

****Replace with length of track for full short code ** Replace with height of brush strip for full short code

Accessories


Flush Pull Set
(385SA) satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Flush Pull
(400) SAA,
also available in
stainless steel
(400SS)

View our full range of accessories on page 138



SOLTAIRE SOFT CLOSE

Soft closing sliding system for doors weighing up to 80kg



Soltaire Soft Close has been developed to enhance the sophistication and convenience of the Soltaire system even further.

Suitable for wood and metal doors weighing up to 80kg, Soltaire Soft Close gently decelerates the door upon closing, gliding it into position for the final 90mm of travel. Unlike other soft close mechanisms, which traditionally lie underneath the track, the Soltaire Soft Close system is contained within the track itself, offering an extremely quiet, reliable and discreet activation of the mechanism.

The system can be used on both the opening and closing side of the door, with a high quality damper at the key of the system which will work maintenance free throughout its lifetime.

Please choose your required kit according to which hanger type you require (please see below).

Product Information

Kit Short Code	Damper Type	Hanger Apron Plate Type	Door Thickness Range	Max. Door Weight
51SD80	Single Damper	Top fixed, surface mounted hanger for wooden doors	24 - 48mm	80kg
51SD80D	Double Damper			
52SD80	Single Damper	Face fixing hanger for MDF doors	19 - 23mm	80kg
52SD80D	Double Damper			
56SD80	Single Damper	Angle frame hanger for metal doors	19 - 48mm	80kg
56SD80D	Double Damper			
57SD80	Single Damper	Concealed plate fixing hanger for wooden doors	24 - 48mm	80kg
57SD80D	Double Damper			

Track and Guide Specification - must be purchased in addition to kit

Component	Short Code	Description
Track	120/****	Anodised aluminium track in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths
Guides	106SS/94	Concealed guide for doors weighing up to 120kg
	102N	Nylon saw cut guide
	102SS/94	Wall mounted guide
	104P/89	Metal door angle frame guide

****Replace with length of track for full short code

Kit Contents

Single Damper	Double Damper
Damper Assembly - Universal (x 1)	Damper Assembly - Universal (x 2)
Hanger and Apron Plate Assembly (x 1)	Apron Plates (x 2)
Apron Plate (x 1)	Track Stops (x 2)
Track Stops (x 2)	Trigger Block (x 2)
Trigger Block (x 1)	

Accessories



Flush Pull Set **(385SA)** satin, also available in polished brass (385PB)



Flush Pull **(144S)** satin, also available in black (144B)



Flush Pull **(400)** SAA, also available in stainless steel (400SS)

View our full range of accessories on page 138

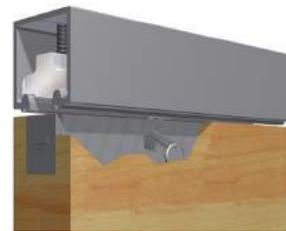
SOLTAIRE LOW HEADROOM

Top hung straight sliding system for doors weighing up to 120kg, 180kg and 250kg



The Soltaire Low Headroom kit is ideal for top hung sliding door systems with low or restricted headroom. The system is designed to accommodate interior wooden doors of one sliding panel or two bi-parting doors on a single track.

Catering for doors weighing up to 120kg, 180kg or 250kg, the kit is designed to reduce the clearance between the track and top of the door to 2mm - making the hardware barely visible.



Product Information

Kit Short Code	Max. Door Width	Door Thickness Range	Max. Door Weight
LH120A	3000mm	35 - 48mm	120kg
LH180A	3300mm	35 - 48mm	180kg
LH250A	3300mm	35 - 48mm	250kg

Track, Guide Channel and Bracket Specification - must be purchased in addition to kit

Component	Short Code	Description
Track	120/****	Anodised aluminium track for doors weighing up to 120kg in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths
	180/****	Anodised aluminium track for doors weighing up to 180kg in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths
	250/****	Anodised aluminium track for doors weighing up to 250kg in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths
Channel	94X/****	Aluminium channel available in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths
Guides	106SS/94	Concealed guide for doors weighing up to 120kg
	106HSS/94	Concealed guide for doors weighing up to 180kg and 250kg
	102SS/94	Wall mounted guide for doors weighing up to 180kg and 250kg
Brackets	1/SS	Stainless steel single run face fixed bracket

Kit Contents

Component	Short Code
Channel Bodies (x 2)	-
End Cap (x 2)	-
Strap Bolt (x 2)	-
Hanger (x 2)	-
Door Stop (x 2)	HH4/SS
4mm Allen Key (x 1)	-
Screw Pack (x 1)	-

Accessories



Flush Pull Set
(385SA) Satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Flush Pull
(400) SAA,
also available in
stainless steel
(400SS)

**View our
full range of
accessories on
page 138**

STAINLESS STEEL

A stainless steel tailor made solution for light to heavyweight sliding doors exposed to high levels of corrosion



For areas exposed to extreme levels of corrosive elements or where a high level of hygiene is essential, P C Henderson has developed a range of stainless steel sliding door hardware. Manufactured from high quality stainless steel and incorporating the latest polymers, this product offers a high level of performance and corrosion resistance.

Stainless Steel can be used for an array of applications including chemical factories, oil rigs, abattoirs, cold storage, food processing plants and areas exposed to salt water. Whatever the conditions, Stainless Steel will perform.

Product Information

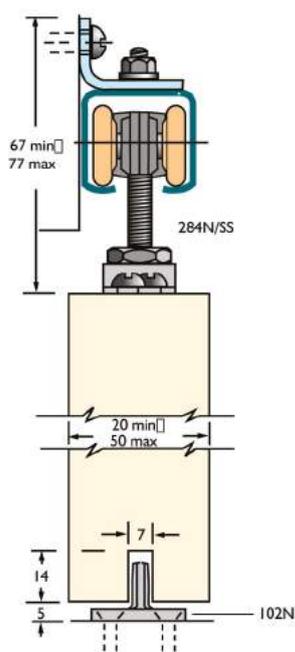
Product	Door Thickness Range	Max. Door Weight
Stainless Steel 280	20 - 50mm	50kg or 100kg
Stainless Steel 290	35 - 48mm	150kg
Stainless Steel 301	43 - 57mm	270kg

Product Specification

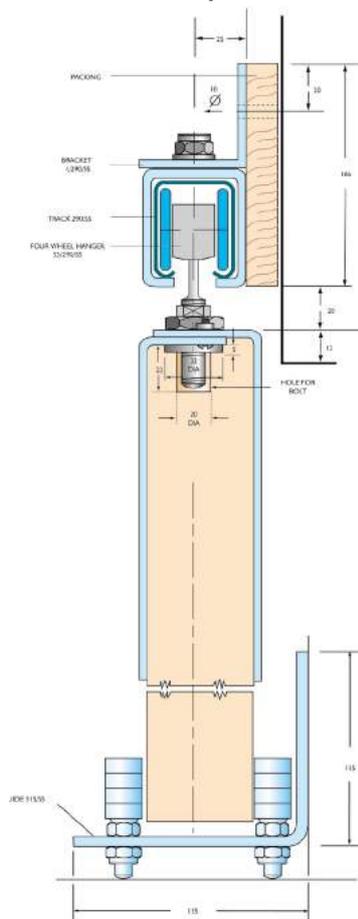
Component	Description	SS 280	SS 290	SS 301
Track	Grade 316L(A4) stainless steel track available in 2000 and 3000mm lengths	280/****SS	290/****SS	301/****SS
Hangers	Hanger for wooden doors	284N/SS (50kg) or 284/SS (100kg)	-	-
	Hanger for metal doors	285N/SS (50kg) or 285/SS (100kg)	56/290SS	56/301SS
	Hanger for apron plate fixing	-	53/290SS	53/301SS
	Hanger for top plate fixing	-	57/290SS	57/301SS
Brackets 1/301/SS in grade 316 (A4) stainless steel is the most popular for face fixing. Recommended spacing is 600mm in case of maximum load 500mm	Face fixed bracket	281SS	1/290SS	1/301SS
	Face fixed jointing bracket	-	1X/290SS	1X/301SS
	Soffit fixed bracket	-	3/290SS	3/301SS
	Soffit fixed jointing bracket	-	3X/290SS	3X/301SS
	'In line' soffit fixed bracket	-	4/290SS	4/301SS
	'In line' soffit fixed jointing bracket	-	4X/290SS	4X/301SS
	'Bolt on' soffit fixed bracket	4R/280SS	4R/290SS	4R/301SS
'Bolt on' soffit fixed jointing bracket	4RX/280SS	4RX/290SS	4RX/301SS	
Channel	Stainless steel channel in 2000 or 3000mm lengths	89/****SS	89/****SS	89/****SS
Guides	Single door floor guide	89/2N/SS	89/2N/SS	89/2N/SS
	Wall mounted guide for single door	31S/SS	31S/SS	31S/SS
Stops	Single buffer wall mounted door stop	109/SS	109/SS	109/SS
	Track stop	287SS	HH3/290/SS	HH3/301/SS

NOTE: Fixing plates, bolts and nuts are Grade 402 (A2) Stainless Steel. The Stainless Steel range cannot be used with P C Henderson's standard range of products

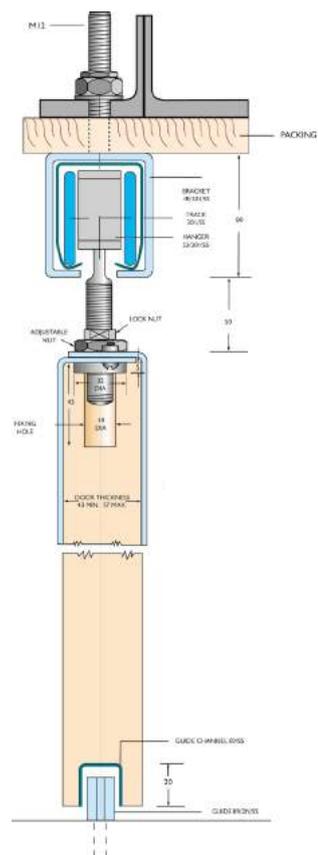
280/SS



290/SS



301/SS



CHOICE OF HARDWARE

Tracks



280/SS



290/SS



301/SS

Hangers



284N/SS



284/SS



285N/SS



285/SS



56/SS



53/SS



57/SS

Brackets



281SS



1/SS



1X/SS



3/SS



3X/SS



4/SS



4X/SS



4R/SS



4RX/SS

Channel



89/SS

Guides



89/2N/SS



31S/SS



109/SS



287SS



HH3/290/SS



HH3/301/SS

Stops

Stainless Steel
component
drawings can be
found on page 135

Accessories



Flush Pull
(400SS)
Stainless Steel

View our full range of accessories on page 138

MAJESTIC

For bottom rolling straight sliding doors weighing up to 270kg



Majestic is a durable system perfectly suited for heavy high class joinery installations weighing up to 270kg. Majestic features a concealed bottom roller enabling the weight of the door to be transferred to the bottom track, making it ideal for applications where there is not enough structural support to carry a top hung system.

NOTE: At least 175mm depth at the bottom of the door must be available to accommodate the concealed bottom rollers when choosing this system.

Product Information

Product	Door Thickness Range	Max. Door Weight
Majestic	44 - 57mm	270kg

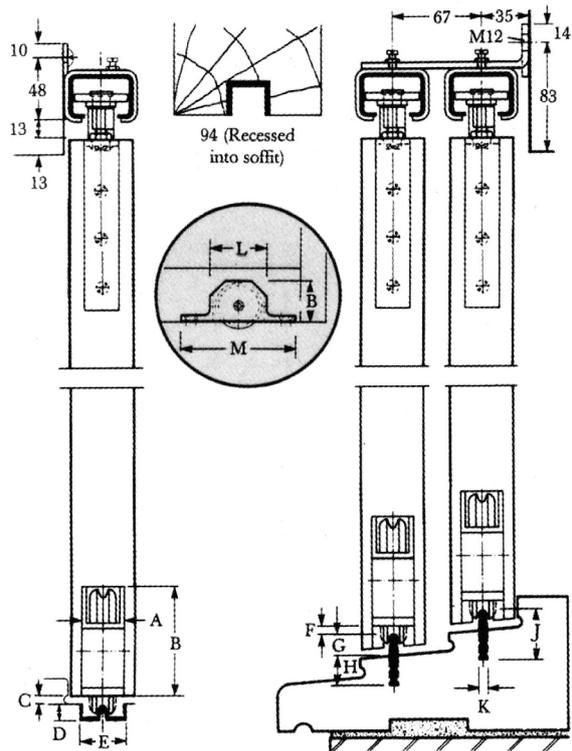
Product Specification

Component	Description	Short Code
Top Guide Channel Twice the width of doors	Galvanised steel top guide channel with safety lip in 2000, 2500 and 3000mm lengths.	900/****
Brackets Fix every 900mm max. and at channel joints	Face fixed single track bracket	1/900
	Soffit fixed single track bracket	3/900
	Face fixed double track bracket	5/900
Top Guide Rollers 2 per door	Top guide rollers with concealed edge fixings and double adjustable anti-rattle rollers	203/900
Bottom Rollers 2 per door	Brass wheel bottom roller with maintenance free roller bearing	916
Bottom Rail	Brass bottom rail available in 1500 and 3000mm lengths. Drilled and countersunk, lugs and couplers available for fixing rail to concrete (see accessories)	917/****
	Brass recessed bottom rail available in 1500 and 3000mm lengths.	817/****
Stop	Zinc plated steel door stop with single rubber buffer	109
	Stainless steel door stop with single rubber buffer	109/SS
	Zinc plated steel with double rubber buffer	107

**** Replace by length of track for full short code



SECTION DETAILS



Dimensions

A	B	C	D	E	F	G	H	J	K	L	M
32	82	6	13	35	6	16	22	38	8	111	229

CHOICE OF HARDWARE

Track



900

Brackets



1/900



3/900



5/900

Guide Roller



203/900

Bottom Roller



916

Bottom Rail



917



817

Stop



109



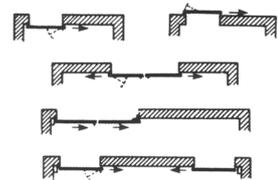
109/SS



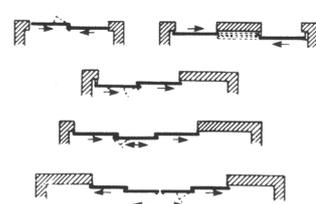
107

EXAMPLE PLAN DETAILS

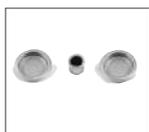
Single Run



Double Run



Accessories



Flush Pull Set
(385SA) satin,
also available in
polished brass
(385PB)



Flush Pull
(144S) satin,
also available in
black (144B)



Flush Pull
(400) SAA,
also available in
stainless steel
(400SS)



Flush Pull
(414)



Lug for Fixing
Rails into
Concrete
(917/918LUG)



Cup for Fixing
Rails into
Concrete
(917/918CUP)

View our full range of accessories on page 138

FLEXIROL SLIDING

For sliding wooden or metal doors weighing up to 500kg



Flexirol is a unique system ideally suited to large doors which require high performance as well as an attractive finish. It's an ideal product for hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount. The product caters for wooden or metal doors fabricated from either angle frame or box section with aluminium extrusion. The track can be soffit fixed or face fixed for flexibility of installation.

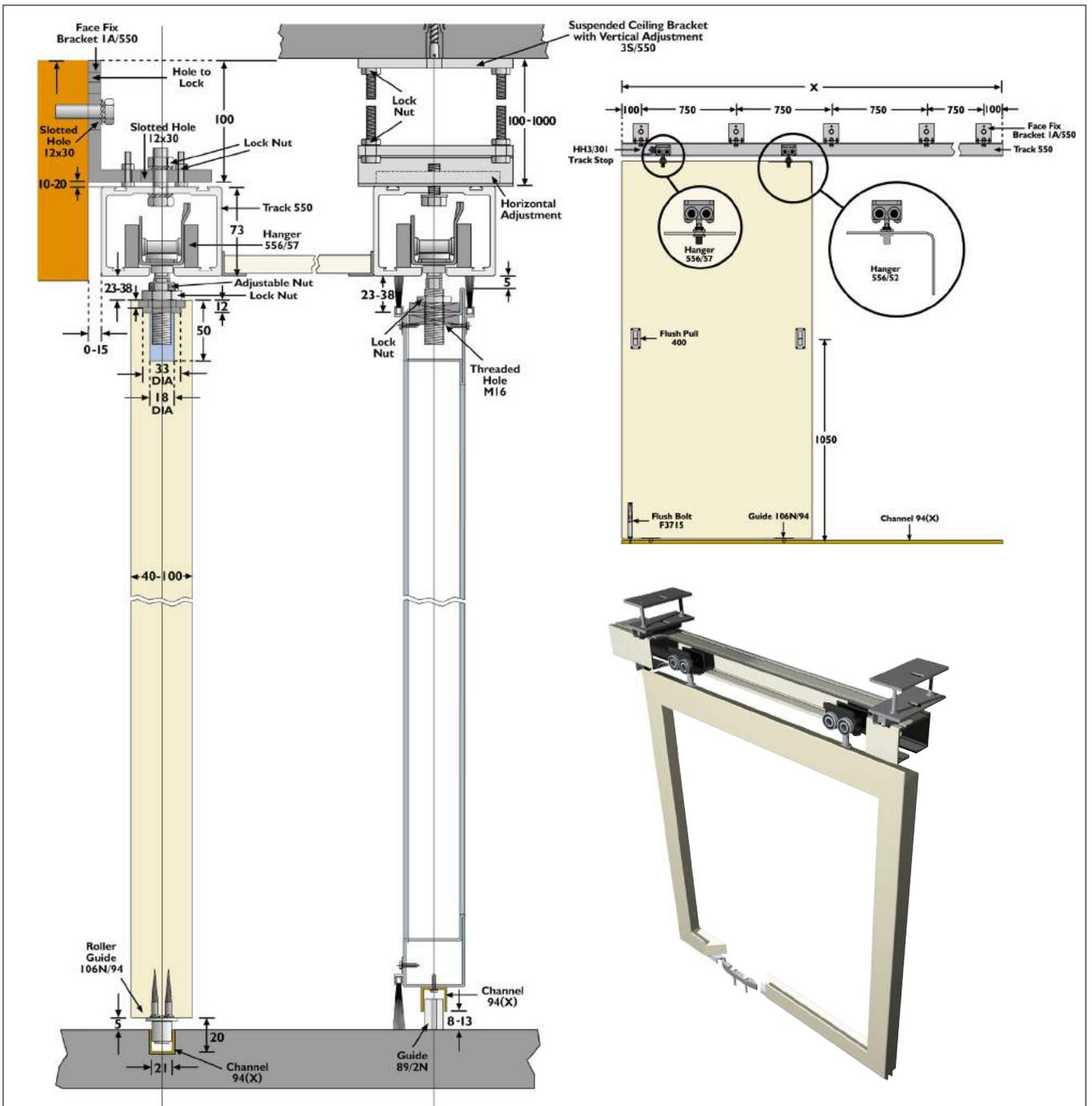
Product Information

Product	Max. Door Width	Door Thickness Range	Max. Door Weight
Flexirol Sliding	6000mm	40 - 100mm	500kg

Product Specification

Component	Description	Short Code
Track	White aluminium track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****
	Mill finish track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****M
Brackets Spaced every 750mm	Face fixed bracket	1A/550
	Suspended soffit fixed ceiling bracket with vertical adjustment	3S/550
Hangers 2 per door	Hanger for metal doors	556
	Hanger for wooden doors with concealed fixing	556/57
	Hanger for wooden doors with angle plate fixing	556/52
Guides	Guide for wooden and metal doors, 1 per door (metal doors should also use 94X channel)	89/2N
	Guide for wooden doors 2 per door	106N/94
	Guide for metal doors 2 per door	104N/94
	Guide for metal doors, extended version 2 per door	104NX/94
Guide Channel	Brass guide channel in 1500 and 3000mm lengths	94/****
	Aluminium guide channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****
	Aluminium threshold in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	94T/****
Stop 2 per door	Track stop	HH3/301

****Replace with length of track or rail for full short code



CHOICE OF HARDWARE

Track



550



550M

Brackets



1A/550



3S/550

Hangers



556



556/57



556/52

Guides



89/2N



106N/94



104N/94



104NX/94



94



94X



94T

Stop



HH3/301

Accessories



Flush Pull (144S) satin, also available in black (144B)



Flush Pull (400) SAA, also available in stainless steel (400SS)



Flush Pull (414)



Flush Pull (413)

View our full range of accessories on page 138

FLEXIROL SLIDING GLASS

For sliding glass doors weighing up to 500kg



Flexirol Sliding Glass is a unique system ideally suited to large doors that require high performance as well as an attractive finish. It's an ideal product for hotels, offices, conference centres, shop fronts and showrooms where durability and design are paramount.

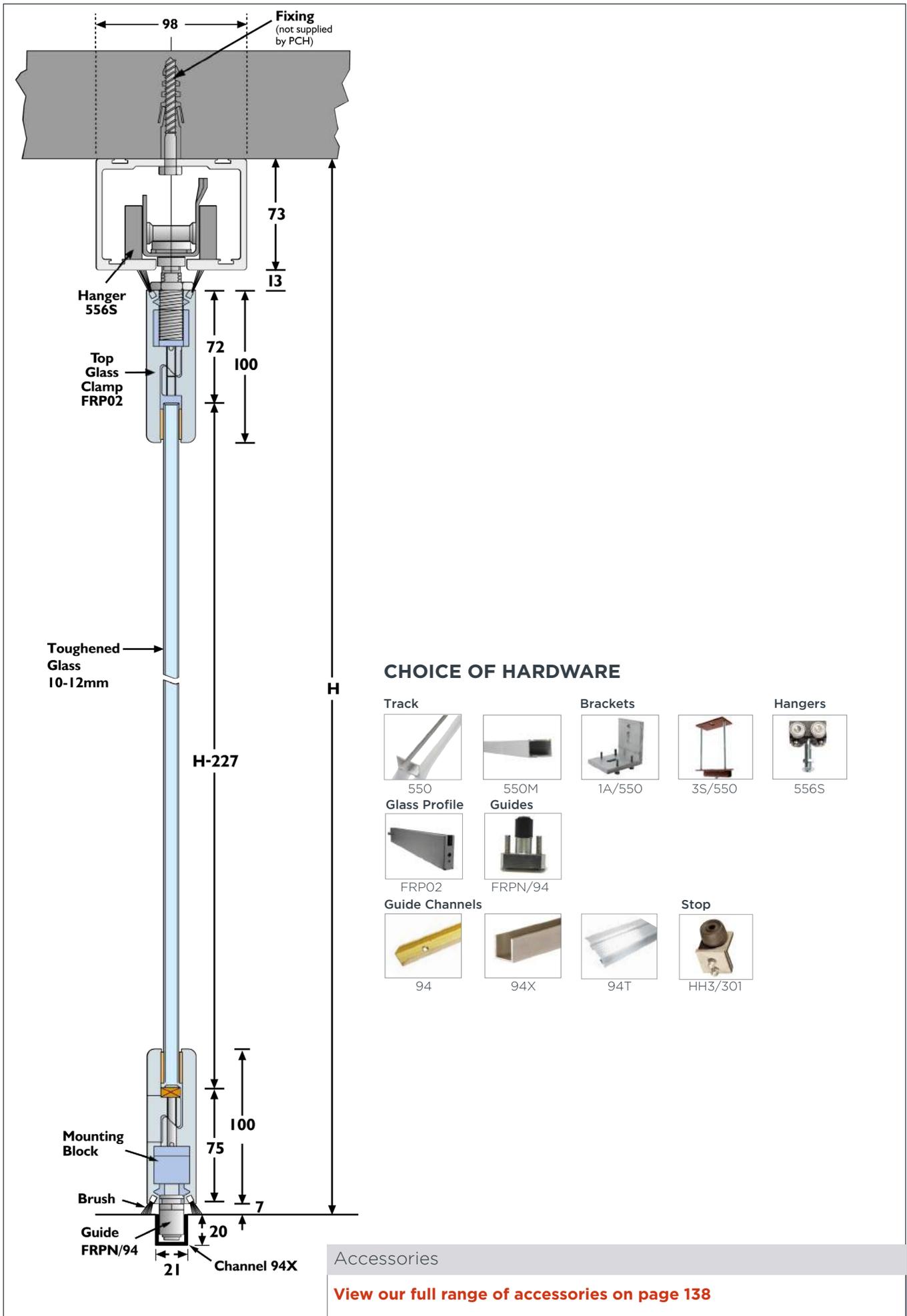
Product Information

Product	Max. Door Height	Min. Door Width	Glass Thickness	Max. Door Weight
Flexirol Sliding Glass	4000mm	1000mm per 100kg of glass	10mm or 12mm	500kg

Product Specification

Component	Description	Short Code
Track	White aluminium track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****
	Mill finish track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****M
Brackets Spaced every 750mm	Face fixed bracket	1A/550
	Suspended soffit fixed ceiling bracket with vertical adjustment	3S/550
Hangers 2 per door	Hanger with mounting block	556S
Glass Profile	Made to measure, contact P C Henderson for more information	FRP02
Guides 2 per door	Guide with mounting block	FRPN/94
Guide Channel	Brass guide channel in 1500 and 3000mm lengths	94/****
	Aluminium guide channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****
	Aluminium threshold guide channel in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	94T/****
Stop 2 per door	Track stop	HH3/301

****Replace with length of track or rail for full short code



STRAIGHT SLIDING ^{290, 301, 301H, 305, 307}

For straight sliding wooden and metal doors for maximum door weights of between 150kg and 2000kg



Our Straight Sliding system for wooden and metal doors is a wide range of top hung systems for easy movement of anything from light commercial doors up to very heavy and large industrial applications. Seven systems are available for doors weighing up to a maximum of 2000kg. To accommodate different building designs, doors can slide to one or both sides and are also suitable to cover any width of opening. For optimum operation the door width should not exceed three quarters of the door height.

Product Information

Product	Door Thickness Range	Max. Door Weight
Straight Sliding 290	35 – 48mm	200kg (150kg if using nylon hangers)
Straight Sliding 301	43 – 57mm	400kg
Straight Sliding 301H	43 – 57mm	450kg
Straight Sliding 305	43 – 57mm	700kg
Straight Sliding 307	60 – 70mm	2000kg

Product Specification

Component	Description	290 Short Code	301 Short Code	301H Short Code	305 Short Code	307 Short Code
Track Twice the width of doors	Galvanised steel track in 2000, 2500, 3000, 4000, 5000 and 6000mm lengths (for 307, 5000mm and 6000mm lengths are unavailable)	290/**** 2mm thickness	301/**** 2mm thickness	301H/**** 3mm thickness	305/**** 3mm thickness	307/**** 5mm thickness
Steel Brackets 900mm max. spacing and at track joints	Face fixed - single	1/290S	1/301S	1/301S	-	1/307/S
	Face fixed - single - jointing	1X/290S	1X/301S	1X/301/S	-	1X/307/S
	Face fixed - single - low headroom	9/290	9/301S	9/301S	-	9/307S
	Face fixed - single - low headroom jointing	9X/290	9X/301S	9X/301S	-	9X/307S
	Face fixed - double - adjustable	-	5R/301/S	5R/301/S	-	5/307S
	Face fixed - triple	-	7/301S	7/301S	-	-
	Soffit fixed - single	-	3/301S	3/301S	-	3/307/S
	Soffit fixed - single - jointing	-	3X/301S	-	-	3X/307S
	Soffit fixed - single - 'in line'	-	4/301S	4/301S	-	4/307S
	Soffit fixed - single - adjustable	4R/290S	4R/301S	4R/301S	4R/305S	4R/307S
	Soffit fixed - single - adjustable jointing	4RX/290S	-	-	4RX/305S	4RX/307S
	Soffit fixed - adjustable track sleeve	-	4RX/301TS	4RX/301TS	-	-
	Soffit fixed - double - 'in line'	-	6/301S	6/301S	-	-
	Soffit fixed - triple	-	8/301S	8/301S	-	-
Soffit fixed bracket body (for welding)	4R/290SB	-	-	4R/305SB	4R/307SB	
Steel Bracket End Clips Replace ** with 'RC' for right hand closing and 'LC' for left hand closing	Face fixed end clip - single	1/290/S**	1A/301EC	1A/301EC	-	1/307S**
	Face fixed end clip - single - low headroom	-	1A/301EC	1A/301EC	-	9/307S**
	Face fixed end clip - double - closed reversible	-	-	-	-	5/307SC
	Face fixed end clip - triple	-	7/301S**	7/301S**	-	-
	Soffit fixed end clip - single	-	1A/301EC	1A/301EC	-	3/307/SC
Soffit fixed end clip - single - 'in line' end	-	1/301EC	1/301EC	-	4/307/SC	
Aluminium Brackets 900mm max. spacing and a track joints	Face fixed - single	1A/290	1A/301	1A/301	1A/305	-
	Face fixed - single - jointing	1AX/290	1AX/301	1AX/301	1AX/305	-
	Face fixed - single - low headroom	-	-	-	9A/305	-
	Face fixed - double	5/290	5/301	5/301	-	-
	Soffit fixed - single	3A/290	3A/301	3A/301	3A/305	-
	Soffit fixed - single - jointing	3AX/290	3AX/301	3AX/301	3AX/305	-
	Soffit fixed - single - 'in line'	4A/290	4A/301	4A/301	4A/305	-
Soffit fixed - single - 'in line' jointing	4AX/290	4AX/301	4AX/301	4AX/305	-	

Product Specification - continued

Component	Description	290 Short Code	301 Short Code	301H Short Code	305 Short Code	307 Short Code
Aluminium Bracket End Clips Replace ** with 'RC' for right hand closing and 'LC' for left hand closing	Face fixed end clip - single	-	-	-	1A/305**	-
	Face fixed end clip - single - low headroom	-	-	-	9A/305**	-
	Soffit fixed end clip - single	-	-	-	3A/305C	-
Hanger 2 per door /s = steel wheel /n = nylon wheel	Metal door - 2 wheel - standard bolt	56.5K/S	56.5A/S	56.5A/S	-	-
		56.5K/N	56.5A/N	56.5A/N	-	-
	Metal door - 4 wheel - standard bolt	56K/S	56A/S	56A/S	56C/S	56FJ/S
		56K/N	56A/N	56A/N	-	-
	Metal door - 4 wheel - standard bolt - for doors weighing up to 200kg	56KS/200	-	-	-	-
		56JN/200	-	-	-	-
	Metal door - extended bolt	56KX/S	56AX/S	56AX/S	56CX/S	56FJX/S
		56KX/N	56AX/N	56AX/N	-	-
	Metal door - for easy removal of doors	-	56AF/S	56AF/S	56CF/S	-
	Wood door - 4 wheel - side plate	53K/S	53A/S	53A/S	53C/S	53FJ/S
		53K/N	53A/N	53A/N	-	-
	Wood door - 4 wheel - side plate - doors weighing up to 200kg	53K/S200	-	-	-	-
		-	-	-	-	-
	Wood door - 4 wheel - top plate	57K/S	57A/S	57A/S	57C/S	-
		57K/N	57A/N	57A/N	-	-
	Wood door - 4 wheel - top plate - doors weighing up to 200kg	57K/S200	-	-	-	-
		-	-	-	-	-
Wood door - 4 wheel - angle plate	52K/S	52A/S	52A/S	52C/S	-	
	52K/N	52A/N	52A/N	-	-	
Wood door - 4 wheel - angle plate - doors weighing up to 200kg	52K/S200	-	-	-	-	
	-	-	-	-	-	
Curtain sided vehicle - 4 wheel	56MVS	-	-	-	-	
Guide Channel* Same length as track, replace **** with length for full short code	Galvanised steel channel in 2000, 2500, 3000, 4000 and 6000mm lengths	89/****	97/****	97/****	97/****	97/****
	Brass channel in 1500 and 3000mm lengths	94/****	-	-	-	-
	Aluminium channel in 1500 and 3000mm lengths	94X/****	-	-	-	-
	Shallow steel channel in 2000, 2500, 3000 and 4000mm lengths	-	100/****	100/****	100/****	100/****
	Bottom rail in 2000, 2500 and 3000mm lengths	299/****	299/****	299/****	299/****	299/****
	Fixing Lug	97LUG	-	-	-	-
	Channel Coupler	97CUP	-	-	-	-
Guides	Metal door	104P/89	104P/97	104P/97	104P/97	104P/97
	Metal door - extended	104PX/89	104PX/97	104PX/97	104PX/97	104PX/97
	Wood door - side fixed	105R/89	105R/97	105R/97	105R/97	105R/97
	Wood door - self cleaning	-	102/97	102/97	102/97	102/97
	Wood door - concealed	106R/94	106R/97	106R/97	106R/97	106R/97
	Wood door - end fixed	113R/94	-	-	-	-
Track Stop	Track Stop	HH3/290	HH3/301	HH3/301	-	-
Stop	Stop - buffer only	107E	107E	107E	107E	107E
	Wall mounted stop with double buffer	107	107	107	107	107
	Wall mounted stop with rubber buffer	109	109	109	109	109

****Replace with required length for full short code

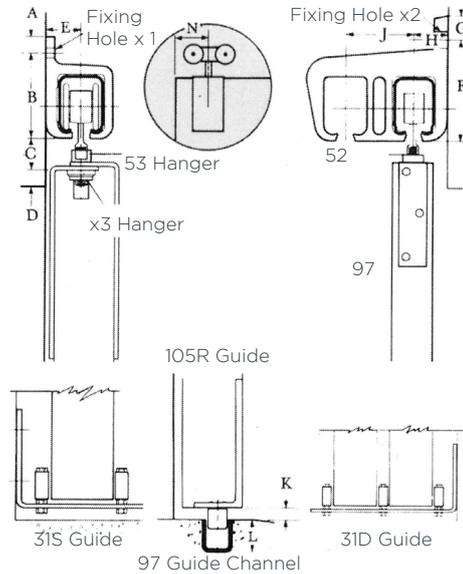
*All channels supplied with lugs and couplers included except 94 and 94X

STRAIGHT SLIDING CONTINUED

FOR WOOD DOORS



SECTION DETAILS



Track	A	B	C	D	E	F	G	H	J	K	L	X1	X2	X3	N
280	7	40	20	12	16					10	25	M5			*
290	13	67	25	13	27	80	20	27	54	10	25	M8	M12	11	48
301/301H	20	97	50	25	35	110	33	39	79	10	38	M12	M16	20	75
305	25	140	50	25	38	155	38	48	92	13	38	M16	M20	20	85
307	24	156	67	38	45	192	26	45	91	13	38	M16	M20	25	115

*Husky 50 (284N) = 110mm *Husky 100 (284) = 120mm

CHOICE OF HARDWARE

Tracks



Brackets - Face Fixed



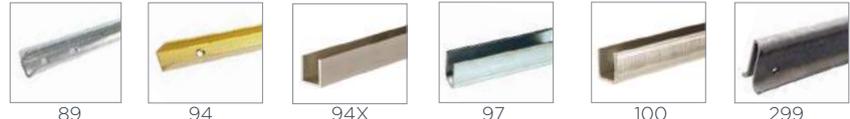
Brackets - Soffit Fixed



Hangers



Guide Channels



Guides



Track Stop

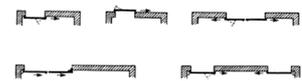


Door Stop

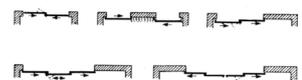


EXAMPLE PLAN DETAILS

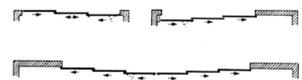
Single Run



Double Run



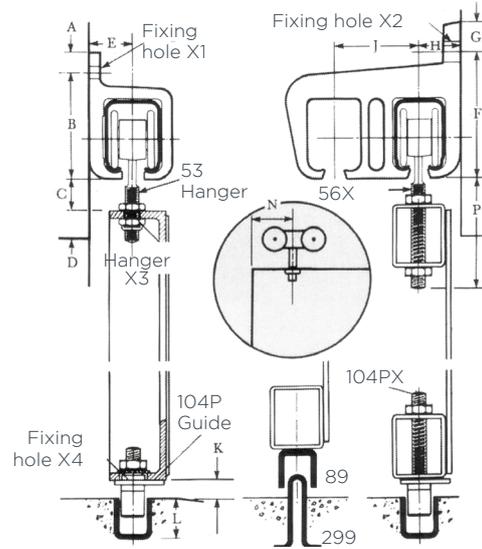
Triple Run



FOR METAL DOORS



SECTION DETAILS



Track	A	B	C	D	E	F	G	H	J	K	L	X1	X2	X3	X4	N	P
280	7	40	20	12	16					10	25	M5		8.4	17	50	
290	13	67	25	13	27	80	20	27	54	10	25	M8	M12	10.5	17	48	1109
301/301H	20	97	50	25	35	110	33	39	79	10	38	M12	M16	17	20	75	140
305	25	140	50	25	38	155	38	48	92	13	38	M16	M20	17	20	85	140
307	24	156	67	38	45	192	26	45	91	13	38	M16	M20	21	20	115	140

CHOICE OF HARDWARE

Tracks



Brackets - Face Fixed



Brackets - Soffit Fixed



Hangers



Guide Channels



Guides



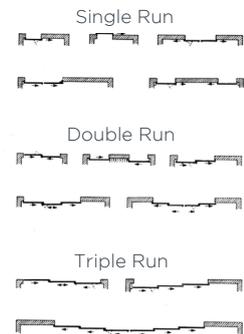
Track Stop



Stops



EXAMPLE PLAN DETAILS



Accessories



View our full range of accessories on page 138

STERLING

For bottom rolling wooden and metal doors weighing up to 8000kg



The Sterling range of bottom rolling systems is ideal for heavy commercial and industrial applications such as warehouses, agricultural buildings and aircraft hangars. The product is particularly suitable where the supporting structure or lintel is insufficient for the weight of the door or headroom is limited. Ten systems are available in total, catering for wooden doors weighing up to a maximum of 2000kg and metal doors up to a maximum weight of 8000kg. The product is suitable for single or multiple lines of track and the top guide channel may be soffit fixed or face fixed.

Product Information

Product	Door Material	Door Thickness Range	Max. Door Weight
Sterling 350	Wood or Metal	44 - 54mm	350kg
Sterling 800	Wood or Metal	54 - 63mm	800kg
Sterling 2000	Wood or Metal	58 - 70mm (wood) or 70 - 100mm (metal)	2000kg
Sterling 3600	Metal	152mm minimum	3600kg
Sterling 8000	Metal	152mm minimum	8000kg

Product Specification

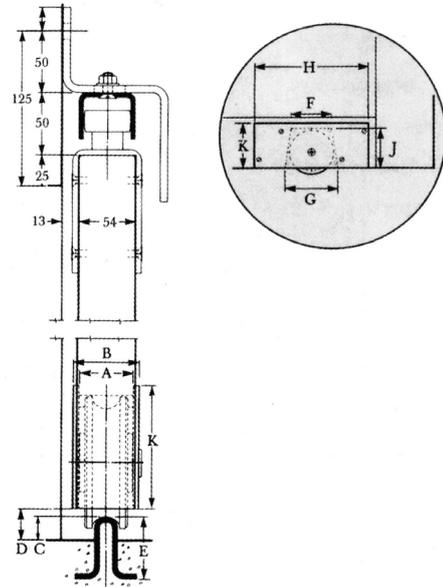
Component	Description	350 Short Code	800 Short Code	2000 Short Code	3600 Short Code	8000 Short Code
Top Guide Channel	Galvanised steel track in 2000, 2500 and 3000mm lengths. Track for Sterling 2000 is available in 2000 and 3000mm lengths only.	99/****	99/****	13/****	Not by P C Henderson	
Brackets Fix at 900mm centres (max.)	Face fixed	31	31	-	Not by P C Henderson	
	Face fixed adjustable	-	-	1/13		
	Face fixed jointing	31X	31X	-		
	Soffit fixed and jointing	-	-	2/13		
	Double face fixed jointing	35X	35X	5/13		
Top Guide Rollers 2 per doors for all except 3600 and 8000 systems which require 4 per door	Metal door - 7000mm max. height	-	-	-	104S/125	104S/125
	Metal door - 12500mm max. height	104/99	104/99	-	104S/175	104S/175
	Metal door - 20000mm max. height	-	-	104/13	104S/200	104S/200
	Wooden door - saddle fixing	53/99	53/99	53/13	-	-
Bottom Rollers 2 per door. Zinc plated and maintenance free, sealed for life roller bearing	Metal door for standard rail (wheel and bolt on only)	1SU	3SU	4SJU	-	-
	Metal door for V tread rail (wheel and bolt on only)	1SV	3SV	4SJV	-	-
	Metal door for square tread rail (wheel and bolt on only)	1SL	3SL	4S JL	-	-
	Metal door - standard roller	1S	3S	4SJ	3600IR	8000IR
	Metal door - geared	-	-	-	3600OR	8000OR
Wooden door	2	3	4J	-	-	
Bottom Rail	Galvanised steel in 2000, 2500 and 3000mm lengths	298/****	298/****	298/****	-	-
	Heavy steel section in 2700mm lengths	-	-	-	297/****	297/****
Stop	Wall mounted stops with double rubber buffer	107	107	107	107	107

****Replace with length of track or rail for full short code

FOR WOOD DOORS

SECTION DETAILS

NB: Top section of the door illustrates Sterling 350 & 800 only



Dimensions

Track	A	B	C	D	E	F	G	H	J	K
350	44	54	20	25	50	115	135	305	95	102
800	51	63	20	30	50	135	175	381	130	152

CHOICE OF HARDWARE

Top Guide Channel



Brackets



Brackets



Guide Rollers



Bottom Rollers



Bottom Rail

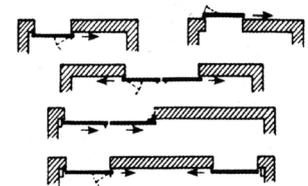


Stop

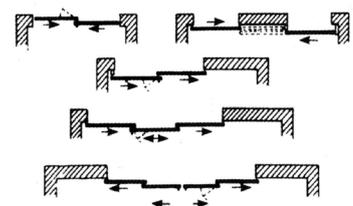


EXAMPLE PLAN DETAILS

Single Run



Double Run

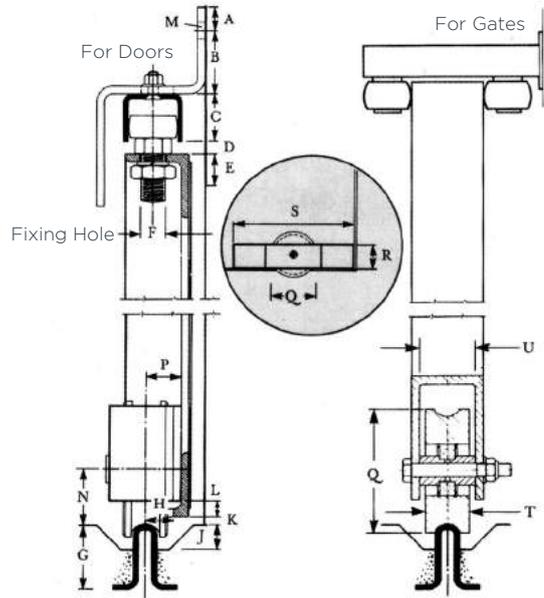


STERLING CONTINUED

FOR METAL DOORS



Section Details



Dimensions

Track	A	B	C	D	E	F	G	H	J	K	L	M	N	P	Q	R	S	T	U
350	20	50	38	10	25	21	50	22	20	6	13	12	44	29	110	75	305	40	50
800	20	50	38	10	25	2	50	22	20	6	13	12	62	32	146	75	381	40	50
2000	32	35	85	25	30	26	50	25	20	10	12	16	85	32	197	102	457	45	56
3600				20	127	32	65	44							286			105	128
8000				20	203	32	65	44							436			105	128

CHOICE OF HARDWARE

Top Guide Channel



99



13



298



297



107

Bottom Rail



298



297



107

Stop



107

Brackets



31



31X



35



35X



1/13



2/13



5/13

Top Guide Rollers



104



104S



1



3



4



3600



8000

Bottom Rollers



1



3



4



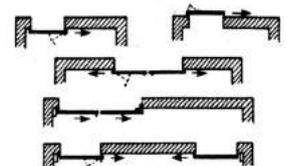
3600



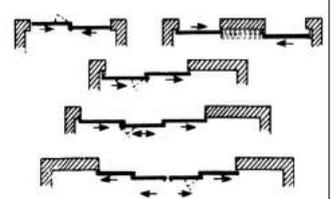
8000

EXAMPLE PLAN DETAILS

Single Run



Double Run



Accessories



Handle (463)



Surface Bolt
380mm (994)



Offset Bolt
380mm (994X)

View our full range of accessories on page 138

OVERHEAD RUNWAY

Selection of track, curves and brackets which can be used together to make a variety of overhead runway systems



P C Henderson's tracks, curves and brackets can be used together with a choice of specially adapted hangers to make a variety of overhead runway systems. Suitable for a wide variety of applications including curtains, cable carriers, safety runways in factories, warehouses, dairies, commercial/public buildings and vehicles.

CHOICE OF HARDWARE

Tracks



Brackets



Hangers





Folding Doors



Catering for maximum door weights of between 14kg and 150kg, our range of folding door hardware can cater for interior and exterior applications, end fold and centre fold mechanisms as well having the ability to hold virtually any number of doors in a variety of combinations.

Whether it be for a bi-folding cupboard, a versatile room divider or a stylish exterior system to open up a home to the outside world – P C Henderson has a folding door solution for every project.

When used internally, as room dividers and partitions, folding doors are the perfect way to create flexible living and working environments allowing an entire room to be opened up at ease. When used externally, folding doors can create a truly wonderful indoor/outdoor environment, making the most of natural light and external views.

Range Overview

- Over 15 different systems
- Catering for maximum door weights of between 14kg and 150kg
- Suitable for wooden or metal doors
- Interior and exterior applications

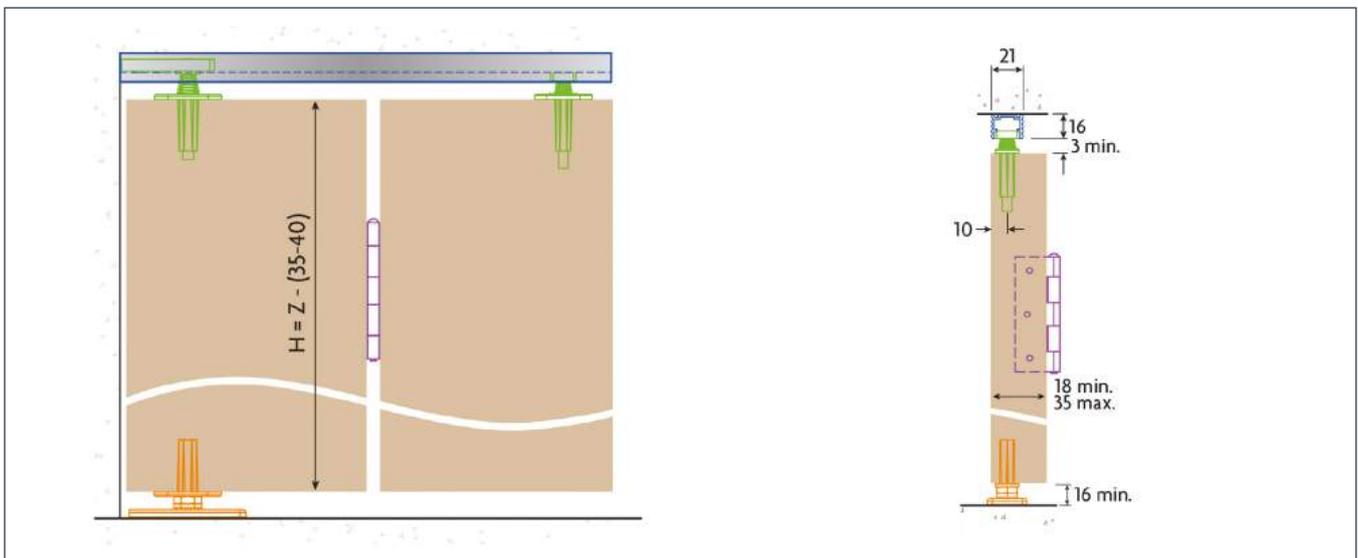
www.pchenderson.com

BIFOLD

For folding wardrobe and cupboard doors weighing up to 14kg



The Bifold range of folding door hardware offers a stable, silent and smooth-opening folding system for cupboard and wardrobe doors that can complement any room. Designed for wooden, wood framed or composite doors, the Bifold system can support a maximum door weight of 14kg and door thickness of between 18-35mm. A range of kits are available to cater for a maximum opening width of 2134mm. A fittings kit is available for when an additional door is required.



Product Information

Kit Order Code	No. of Doors*	Track Length	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
B10/2	2	1067mm	2400mm	530mm	18 - 35mm	14kg
B15/4	4 (2+2)	1524mm	2400mm	530mm	18 - 35mm	14kg
B20/4	4 (2+2)	2134mm	2400mm	530mm	18 - 35mm	14kg
BF2	Fittings kit for when an additional door is required					

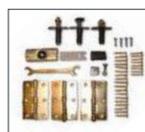
*Door refers to number of individual panels e.g. picture shows 4 doors (2 + 2).

Kit Contents

Component	Short Code
Track (x 1 for 2 doors; x 2 for 4 doors)	310/****
Top Pivot Socket (x 1 for 2 doors; x 2 for 4 doors)	311
Top Pivot (x 1 for 2 doors; x 2 for 4 doors)	313
Nylon Guide (x 1 for 2 doors; x 2 for 4 doors)	315
Hinges (x 3 for 2 doors; x 6 for 4 doors)	282S
Adjustable Bottom Pivot Assembly (x 1 for 2 doors; x 2 for 4 doors)	289B

**** Replace by length of track for full short code

Accessories



1 Door Fittings Kit (**BF2**)

View our full range of accessories on page **138**



ROOMFLEX

Minimalistic folding door solution with no bottom channel for doors weighing up to 35kg and 50kg



Roomflex is an innovative, internal folding door system, designed to create and enhance flexible living environments. Unlike other internal folding door systems, Roomflex has been designed to completely eliminate the need for a bottom channel, allowing for an aesthetically pleasing, seamless walkway from room to room.

Homeowners can combine both open and broken plan living by neatly storing the doors to one side when the spaces are opened for entertaining or socialising. When closed, the smaller rooms can be used for independent activities.

Kits can be combined together to create various door configurations (see configuration plan).

Product Information

Product	Kit Order Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Roomflex 35kg	RFK1	2	3000mm	926mm	35 - 44mm	35kg
	RFK2	3	3000mm	926mm	35 - 44mm	35kg
	RFK3	4 (3 + 1)	3000mm	926mm	35 - 44mm	35kg
	RFK4	Swing door	3000mm	926mm	35 - 44mm	35kg
Roomflex 50kg	RF50K1	2	3000mm	926mm	35 - 44mm	50kg
	RF50K2	3	3000mm	926mm	35 - 44mm	50kg
	RF50K3	4 (3 + 1)	3000mm	926mm	35 - 44mm	50kg
	RFK4	Swing door	3000mm	926mm	35 - 44mm	50kg

Kit Contents

Product	Component
RFK1 and RF50K1	Pivot Set (x 1)
	Hinge Handle Set (x 1)
	End Hanger Set (x 1)
	110mm Flush Bolt (x 1) (FB110S)
RFK2 and RF50K2	Pivot Set (x 1)
	Offset Handle Hinge Set (x 1)
	Intermediate Hanger Set (x 1)
RFK3 and RF50K3	110mm Flush Bolt (x 2) (FB110S)
	Pivot Set (x 2)
	Offset Handle Hinge Set (x 1)
RFK4	Intermediate Hanger Set (x 1)
	110mm Flush Bolt (x 2) (FB110S)

Accessories



Frame Perimeter Seal in Brown (AQ21B)



Door Perimeter Seal in Brown (AQ63B)



Track Seal in Black (BS10B)

[View our full range of accessories on page 138](#)

CONFIGURATION

RFK1



RFK2



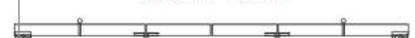
RFK3



RFK2 + RFK1



RFK2 + RFK2



RFK1 + RFK4



Track Specification

Track must be purchased in addition to kit

Short Code	Description
180/****	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths

**** Replace by length of track for full short code

HUSKY FOLDING

For folding interior doors weighing up to 25kg and 40kg



Husky folding door hardware provides a simple and flexible solution for both light and medium weight residential folding partitions. Designed for wooden, wood framed and composite doors, its concealed fixings and robust floor gear allow the partitions to be neatly stacked to one or both sides. The Husky Folding 25 can support doors weighing up to 25kg and 610mm wide without a floor channel, and the Husky Folding 40 can support doors weighing up to 40kg and 762mm wide, with a floor channel included.

The track can be cut to length and extra pivots are required for two doors folding each way (see note underneath product information table).

Product Information

Product	Kit Order Code	No. of Doors*	Track Length	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight	
Husky 25	HF25/12	2	1234mm	2400mm	610mm	20 – 44mm	25g	
	HF25/24	4**	2458mm	2400mm	610mm	20 – 44mm	25kg	
	HF2/25	Fittings kit to be used when an additional 2 doors are required						25kg
	HF4/25	Fittings kit to be used when an additional 4 doors are required						25kg
Husky 40	HF40/15	2	1538mm	2700mm	762mm	20 – 44mm	40kg	
	HF40/30	4**	3066mm	2700mm	762mm	20 – 44mm	40kg	
	HF2/40	Fittings Kit to be used when an additional 2 doors are required						40kg
	HF4/40	Fittings Kit to be used when an additional 4 doors are required						40kg

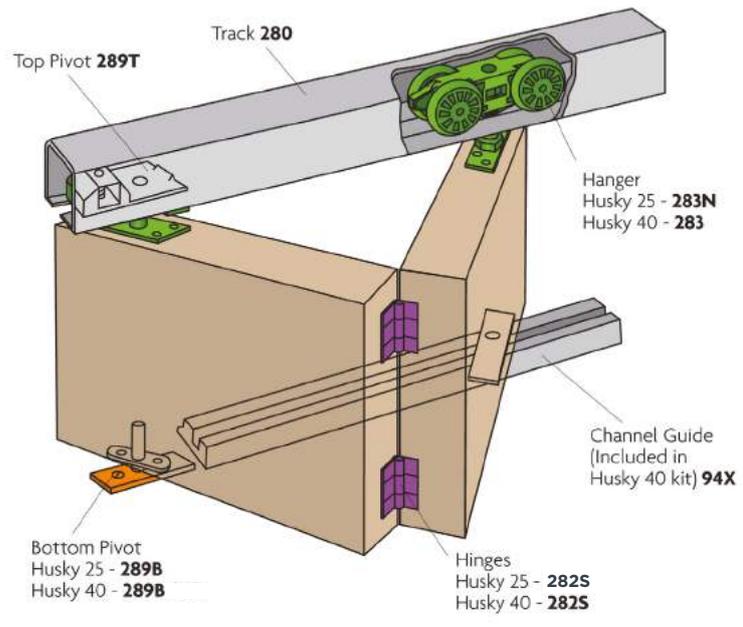
**Extra pivots required for 4 doors folding (2+2) (289B & 289T)

*Door refers to number of individual panels e.g. picture shows 4 doors (2 + 2).

Kit Contents

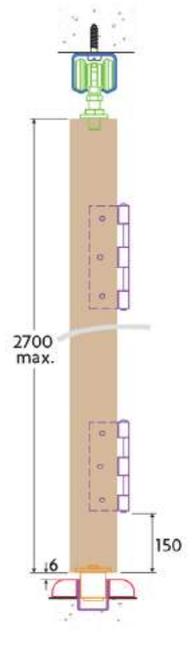
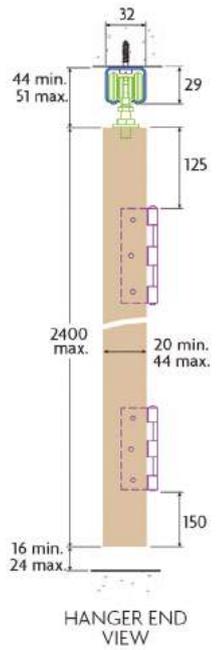
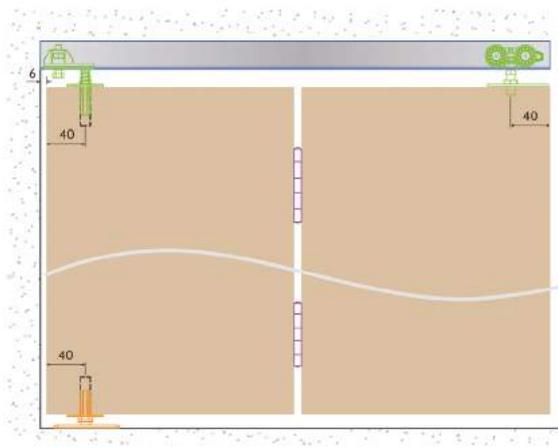
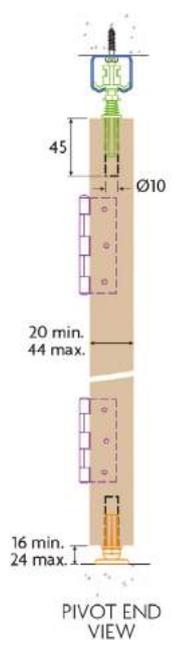
Product	Component	Short Code
Husky 25	Steel Track (x 1)	280/****
	Top Pivot for fixing onto end panel (x 1)	289T
	Bottom Pivot for fixing onto end panel (x 1)	289B
	Four Wheeled Adjustable Nylon Hangers (x 1 for 2 doors; x 2 for 4 doors)	283N
	Hinges (x 3 for 2 doors; x 9 for 4 doors)	282/S
Husky 40	Steel Track (x 1)	280/****
	Top Pivot for fixing onto end panel (x 1)	289T
	Bottom Pivot for fixing onto end panel (x 1)	289B
	Guide Channel (x 1)	94X/****
	Needle Roller Bearing Hangers (x 1 for 2 doors; x 2 for 4 doors)	283
	Roller Guide (x 1 for 2 doors; x 2 for 4 doors)	106HF/94
	Hinges (x 3 for 2 doors; x 9 for 4 doors)	282/S

**** Replace by length of track for full short code



Husky 25

Husky 40



Accessories



Flush Pull (400) SAA, also available in stainless steel (400SS)



2 Door Fittings Kit for Husky 25 (HF2/25)



2 Door Fittings Kit for Husky 40 (HF2/40)



4 Door Fittings Kit for Husky 25 (HF4/25)



4 Door Fittings Kit for Husky 40 (HF4/40)

View our full range of accessories on page 138

PACER ENDFOLD

For interior folding doors weighing up to 35kg and 65kg



Pacer Endfold is a top hung, medium weight partition door system - perfect for internal residential and commercial applications requiring end folding doors. The system offers both two-wheeled and four-wheeled hangers to cover a wide range of applications. Panels can be hung to the left or right of an opening as well as being hung as floating units.

An application using the four-wheeled hanger, with even numbers of panels folding left and right, meeting in the centre of an opening, requires an offset hanger (21BO/4).

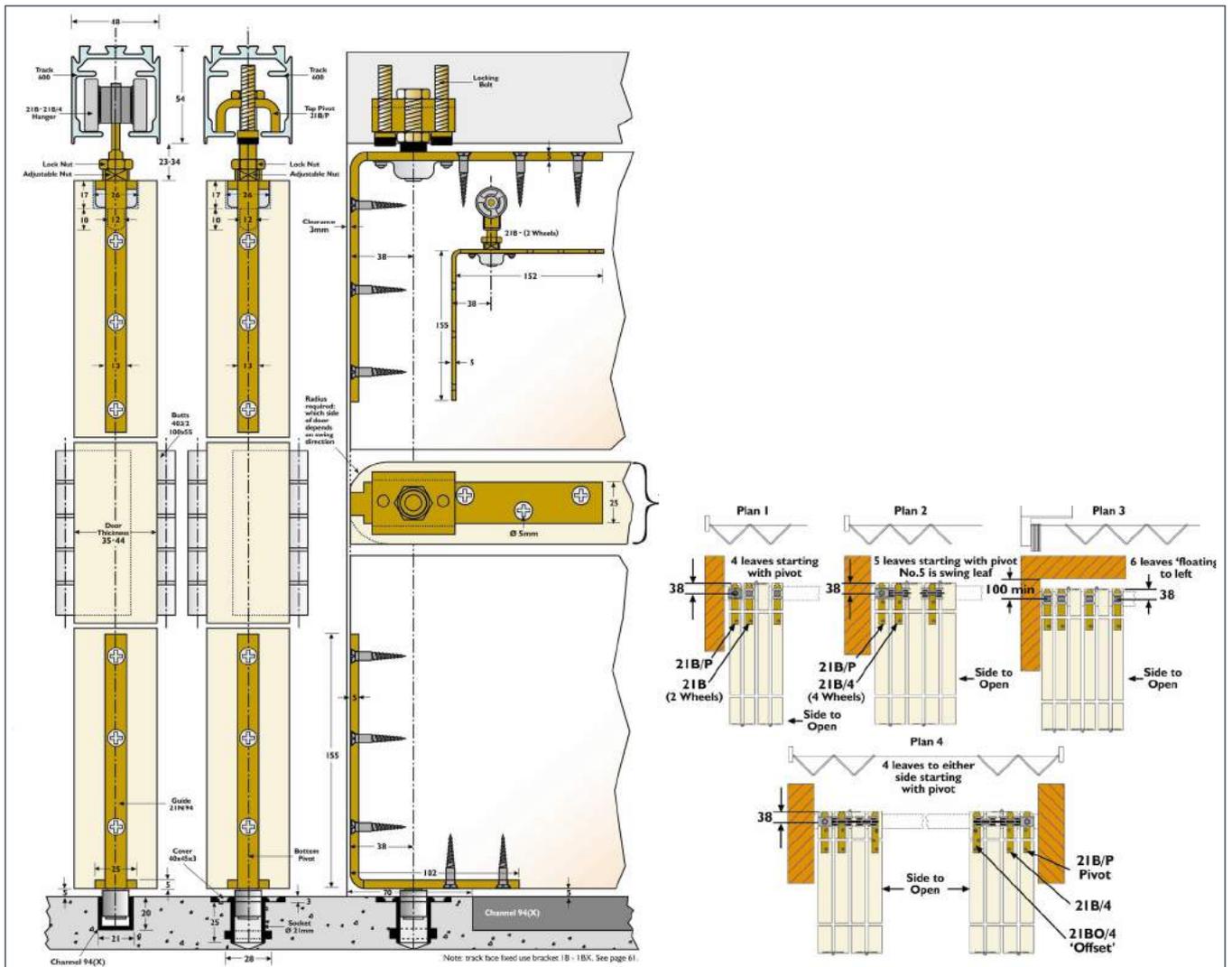
Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Pacer Endfold 35	2700mm	900mm	35 - 44mm	35kg
Pacer Endfold 65	2700mm	900mm	35 - 44mm	65kg

Product Specification

Component	Door Configuration	35kg	65kg
Track	Aluminium mill finish track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****	600/****
	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	600/****AN	600/****AN
Brackets	Face fixed bracket (fixed at 500mm intervals)	1B	1B
	Jointing bracket	1BX	1BX
Hangers Offset hanger required in applications with an even number of doors folding left and right meeting in the centre of an opening.	Two-wheeled end hanger	21B	
	Four-wheeled end hanger	-	21B/4
	Four-wheeled offset end hanger	-	21BO/4
Pivot For door widths of between 35 - 44mm. Allows doors to be of equal width.	Pivot	21B/P	21B/P
Guide 1 for every 2 door leaves	Nylon end guide roller	21N/94	21N/94
Guide Channel	Brass guide channel (same length as track)	94/****	94/****
	Aluminium guide channel (same length as track)	94X/****	94X/****
	Aluminium threshold guide channel (same length as track)	94T/****	94T/****
Hinges	Butt hinge - 100 x 55mm	403/2	403/2

**** Replace by length of track for full short code



CHOICE OF HARDWARE

Tracks



600



600AN

Brackets



1B



1BX

Hangers



21B



21B/4



21BO/4

Pivot



21B/P



21N/94

Guide Channel



94



94X

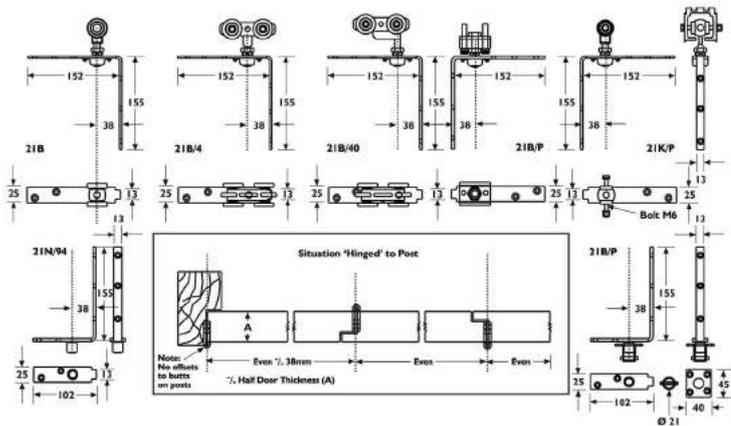


94T

Hinge



403/2



Accessories



Flush Pull (400) SAA, also available in stainless steel (400SS)



Flush Bolt (333) Satin anodised aluminium



Flush Bolt (FB110S) Non Locking

View our full range of accessories on page 138

TANGENT FOLDING

For top hung folding wooden or metal doors weighing up to 35kg, 55kg and 70kg



Tangent Folding is a range of robust, top-hung hardware systems for wooden or metal doors weighing up to 35kg, 55kg or 70kg. Ideal for commercial or light industrial application, the system caters for panelled, flush or glazed doors. Doors can fold to one or both sides of the opening or can be stacked behind a reveal if required. The system covers any width of opening allowing any number of folding doors to be used. Panels should be in units of four, six or eight and can be hinged to post or free floating.

For applications where an odd number of doors is required, a swinging access door can be incorporated into a panel which is hinged to post. Alternatively an access door can be independently hinged to post.

When the system is fitted externally a canopy is recommended (not supplied by P C Henderson).

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Tangent 290	2400mm	900mm	35 - 50mm	35kg
Tangent 301	3300mm	900mm	45 - 55mm	55kg
Tangent 301H	3600mm	900mm	45 - 55mm	70kg

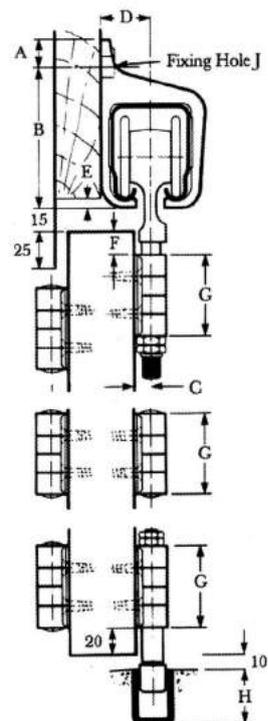
Product Specification

Component	Door Configuration	Tangent 290 Short Code	Tangent 301 Short Code	Tangent 301H Short Code
Track Equal to width of opening (extra if doors slide further)	Galvanised steel track in 2000, 2500, 3000, 4000 and 6000mm lengths.	290/****	301/****	301H/****
Brackets Fix every 900mm max. and at track joints. Fix additional brackets where doors stack	Face fixed bracket	1A/290	1A/301	1A/301
	Soffit fixed bracket	3A/290	3A/301	3A/301
Hangers 1 for every 2 doors leaves	Intermediate hanger	62K	62A	62A
	End hanger	63K	63A	63A
Hinges 3 in height. Extend to 4 when doors exceed 3000mm high.	Aluminium alloy backflap hinge	65	65	65
Guides 1 for every 2 door leaves	Intermediate guide	67/89	67/97	67/97
	End guide	68/89	68/97	68/97
Channels Same length as track	Galvanised steel channel in 2000, 2500, 3000, 4000 and 6000mm lengths.	89/****	97/****	97/****

**** Replace by length of track for full short code



SECTION DETAILS



CHOICE OF HARDWARE

Tracks



290



301



301H

Brackets



1A



3A

Hangers



62K



62A



63K



63A

Hinge



65

Guides



67



68

Guide Channels

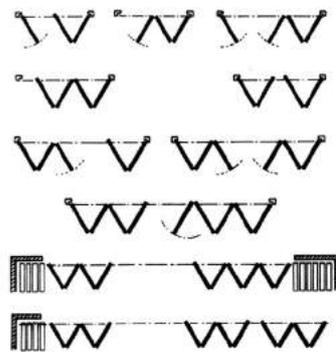


89



97

EXAMPLE PLAN DETAILS



Dimensions

Track	A	B	C	D	E	F	G	H	J
290	13	67	11	27	6	10	57	25	M8
301/301H	20	97	11	35	6	15	57	38	M12

Accessories



Cast Iron Bow
Handle 159 x
46mm (**463**)



Galvanised Steel
Shoot Bolt 380mm
(**994**)

View our full range of accessories on page 138

PACER CENTREFOLD

For top hung centre folding interior partition doors weighing up to 35kg and 75kg



Pacer Centrefold is a top hung system for centre folding wooden partition doors. Doors are hung centrally and can fold to one or both sides. For applications hinged to the jamb, 3.5, 5.5 or 7.5 doors can be used with the half door hinged to the jamb. For best operation of floating units 5, 7 or 9 doors should be used. Any access doors should be hinged separately to the jamb.

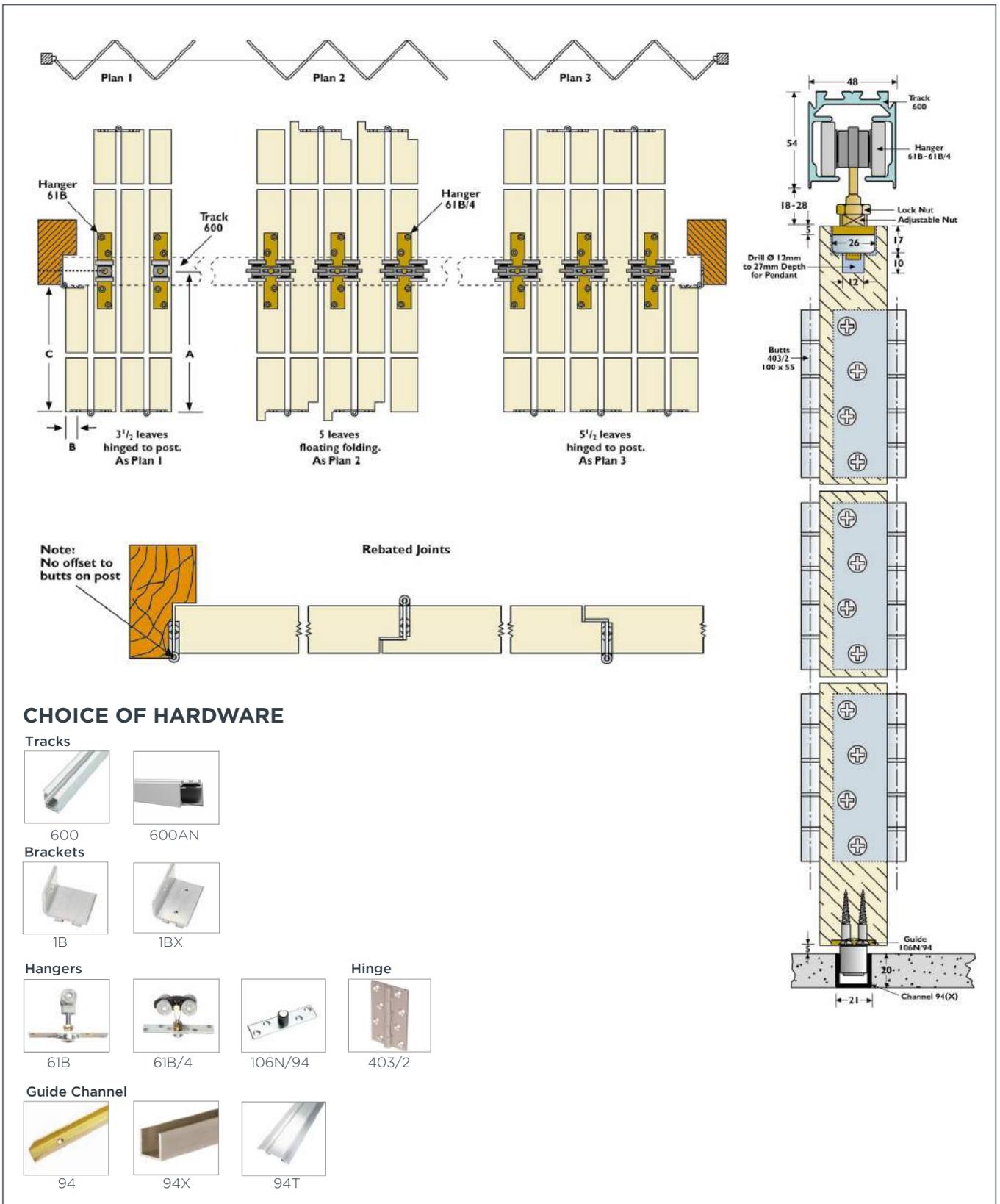
Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Pacer Centrefold 35	2700mm	900mm	35 - 44mm	35kg
Pacer Centrefold 75	2700mm	900mm	35 - 44mm	75kg

Product Specification

Component	Description	35kg	75kg
Track	Aluminium mill finish track available in 2000, 2500, 3000, 3500, 4000, 6000mm lengths	600/****	600/****
	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 6000mm lengths	600/****AN	600/****AN
Brackets	Face fixed bracket (fixed at 500mm intervals)	1B	1B
	Jointing bracket	1BX	1BX
Hangers	Two-wheeled end hanger (max. door weight of 35kg)	61B	-
	Four-wheeled end hanger (max. door weight of 75kg)	-	61B/4
Guides	Nylon guide roller	106N/94	106N/94
Hinges	Butt Hinge - 100 x 55mm	403/2	403/2
Guide Channel	Brass guide channel available in 1500 and 3000mm lengths	94/****	94/****
	Aluminium guide channel available in 1500, 2000, 2500 and 3000mm lengths	94X/****	94X/****
	Aluminium threshold guide channel available in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	94T/****	94T/****

**** Replace by length of track for full short code



Accessories



Flush Pull
(400)
SAA, also available in stainless steel (400SS)



Flush Bolt
(333) Satin anodised aluminium



Flush Bolt
(FB110S)
Non Locking

View our full range of accessories on page 138

SOLTAIRE ENDFOLD

For metal or wooden end folding doors weighing up to 45kg and 75kg



Catering for folding doors weighing up to 45kg or 75kg, Soltaire Endfold is the ideal solution for partition doors in residential or commercial applications. Manufactured from marine grade 316 stainless steel, the system is extremely durable and hard wearing, utilising components from our popular Securefold and Soltaire products. The system is particularly suitable for partitions where all doors are of equal width.

The folding unit is pivoted in the track and off the floor - allowing adjustment on all doors. Doors can fold to one or both sides of the opening as well as being able to cater for multiple combinations to cover any width of opening. End folding units of up to eight doors can be pivoted to each side of the opening.

Product Information

Product	Kit Order Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire Endfold 45kg	SEF145	2 Door Base Kit	3000mm	900mm	35 - 44mm	45kg
	SEF245	2 Door Add-On Kit	3000mm	900mm	35 - 44mm	45kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	45kg
	SEFP	Swing Door	3300mm	900mm	35 - 44mm	45kg
Soltaire Endfold 75kg	SEF175	2 Door Base Kit	3300mm	900mm	35 - 44mm	75kg
	SEF275	2 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg
	SEFP	Swing Door	3300mm	900mm	35 - 44mm	75kg

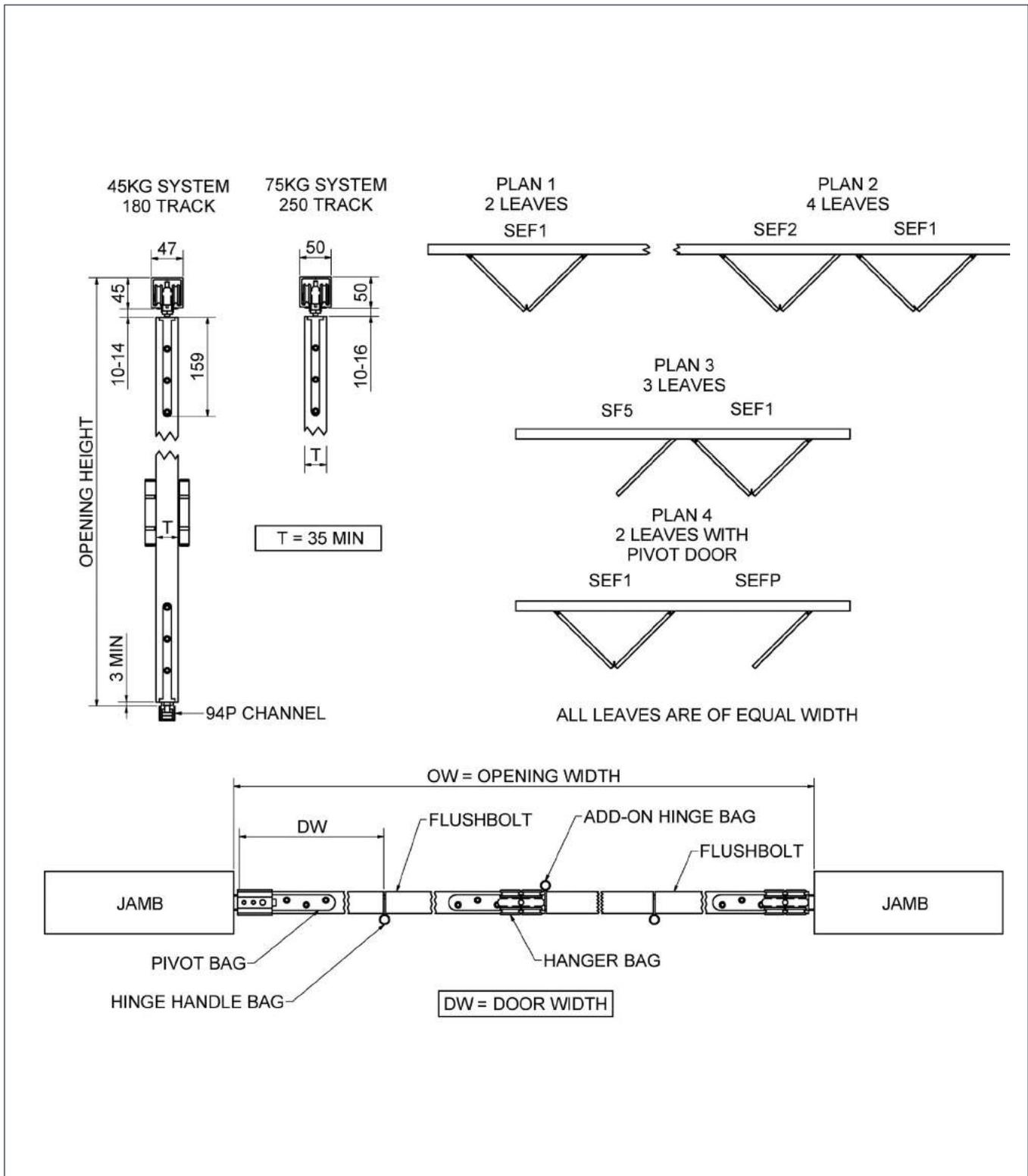
Track and Channel Specification - Track and channel must be purchased in addition to kit

45kg System	75kg System	Description
180/****	250/****	Anodised aluminium track in 3000, 4000, 5000 and 6000mm lengths
94P/****	94P/****	Polypropylene channel in black in 3000, 4000, 5000 and 6000mm lengths
94SC/****	94SC/****	Support channel for polypropylene channel in 3000, 4000, 5000 and 6000mm lengths

**** Replace by length of track for full short code

Kit Contents

Product	Component
SEF145 and SEF175	Pivot Set (x1)
	Hinge Handle Set (x1)
	End Hanger and Guide Set (x1)
	110mm Flush Bolt (x1) (FB110S)
SEF245 and SEF275	Midset Hinge Set (x1)
	Hinge Handle Set (x 1)
	End Hanger and Guide Set (x1)
	110mm Flush Bolt (x1) (FB110S)
SF5S	Midset Hinge Set (x1)
SEFP	Pivot Set (x1)



Accessories

- 

Flush Pull
(400) SAA,
also available in
stainless steel
(400SS)
- 

Door Perimeter
Seal **(AQ63B)**
in brown
- 

Frame
Perimeter Seal
(AQ21B) in
brown
- 

Track Seal
(BS10B) in
black

View our full range of accessories on page 138

SOLTAIRE CENTREFOLD

For metal or wooden centre folding doors weighing up to 45kg and 75kg



Catering for folding doors weighing up to 45kg and 75kg, Soltaire Centrefold is the ideal solution for partition doors in residential and commercial applications. Manufactured from 316 marine grade stainless steel, the system is extremely durable and hard wearing, utilising components from our popular Securefold and Soltaire products. The system is also particularly suitable for applications where increased height is a requirement.

As a centre folding system, the weight of the doors is supported centrally under the track. Panels can be floating or fold to one or both sides of the opening as well as being able to cater for multiple combinations of folding panels to cover any width of opening. For best operation - one, three, five or seven panels should be used.

Product Information

Product	Kit Order Code	Door Configuration	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Soltaire Centrefold 45kg	SCF145	1.5 Door Base Kit	3000mm	900mm	35 - 44mm	45kg
	SCF245	2 Door Add-On Kit	3000mm	900mm	35 - 44mm	45kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	45kg
Soltaire Centrefold 75kg	SCF175	1.5 Door Base Kit	3300mm	900mm	35 - 44mm	75kg
	SCF275	2 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg
	SF5S	1 Door Add-On Kit	3300mm	900mm	35 - 44mm	75kg

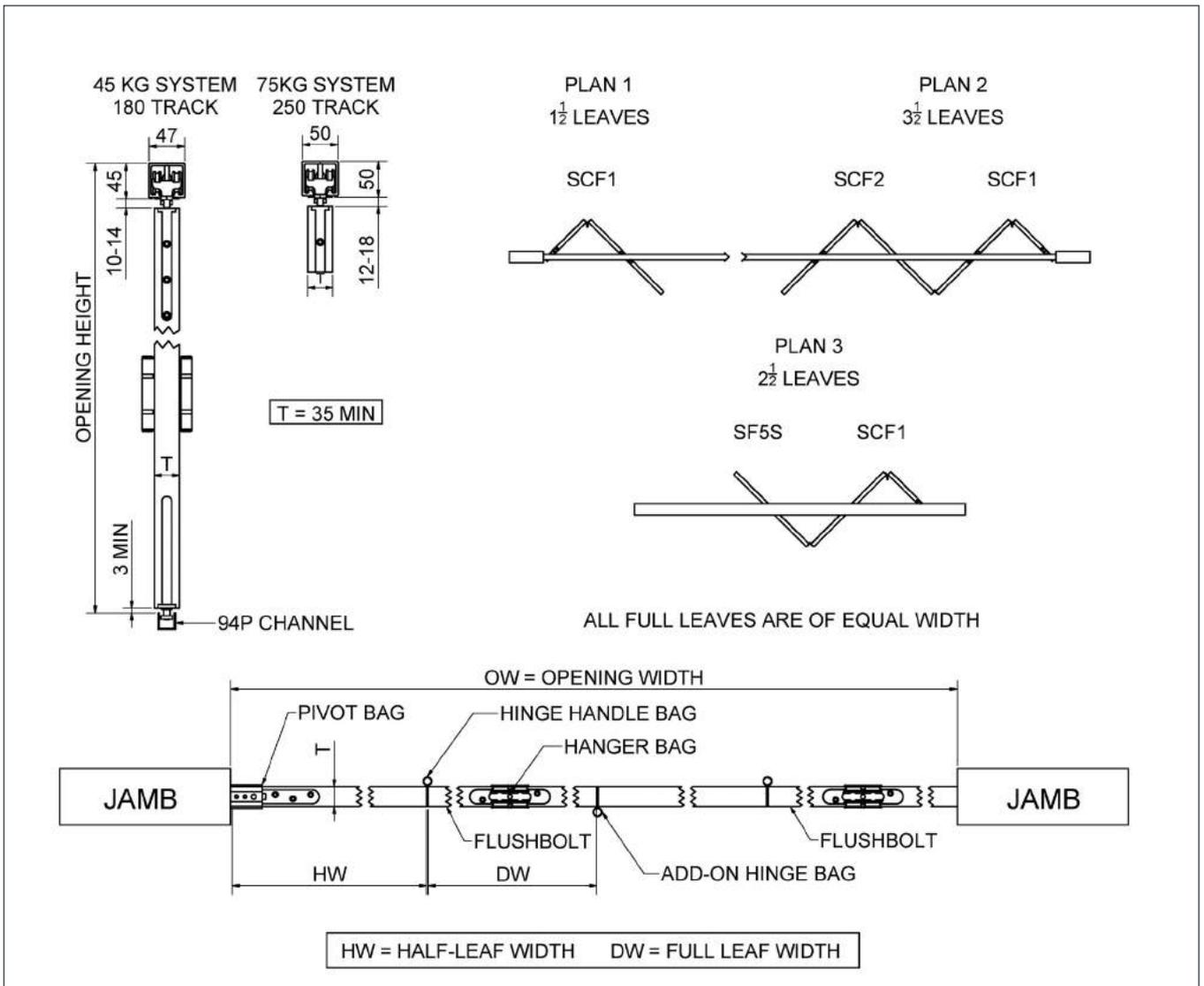
Track Specification - Track must be purchased in addition to kit

45kg System	75kg System	Description
180/****	250/****	Anodised aluminium track in 3000, 4000, 5000 and 6000mm lengths
94P/****	94P/****	Polypropylene channel in black in 3000, 4000, 5000 and 6000mm lengths
94SC/****	94SC/****	Support channel for polypropylene channel in 3000, 4000, 5000 and 6000mm lengths

**** Replace by length of track for full short code

Kit Contents

Product	Component
SCF145 and SCF175	Pivot Set (x1)
	Hinge Handle Set (x1)
	Centrefold Hanger and Guide Set (x1)
	110mm Flushbolt (x1) (FB110S)
SCF245 and SCF275	Midset Hinge Set (x1)
	Hinge Handle Set (x1)
	Centrefold Hanger and Guide Set (x1)
	110mm Flush Bolt (x1) (FB110S)
SF5S	Hinge Set



Accessories



Flush Pull (400) SAA, also available in stainless steel (400SS)



Door Perimeter Seal (AQ63B) in brown



Frame Perimeter Seal (AQ21B) in brown



Track Seal (BS10B) in black

View our full range of accessories on page 138

SECUREFOLD BOTTOM ROLLING

Bottom rolling system for folding wooden doors weighing up to 80kg



Our latest addition to the Securefold family allows for huge flexibility in terms of the type of applications it can cater for. Utilising bottom rolling technology, the product carries the weight of the doors at the bottom of the system eliminating the need for a large upper beam. This allows doors to be installed into virtually any space without the need for major structural building support. It also frees up design space allowing for a minimalistic look. Typical applications include orangeries, conservatories, out buildings and extensions

Securefold Specifier

Use our online Securefold Specifier tool to quickly build a bill of materials or get a quotation at www.pchenderson.com/securefold-specifier

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Securefold Bottom Rolling	3000mm	1000mm	56 - 68mm	80kg

Product Specification

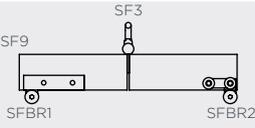
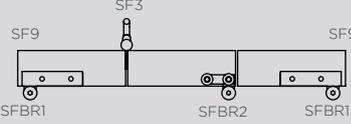
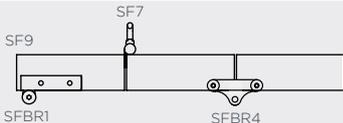
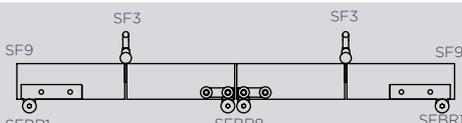
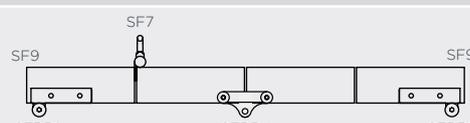
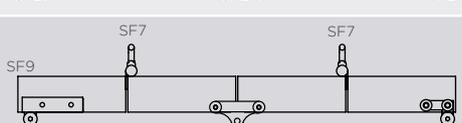
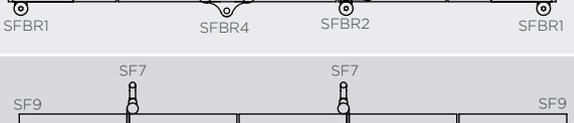
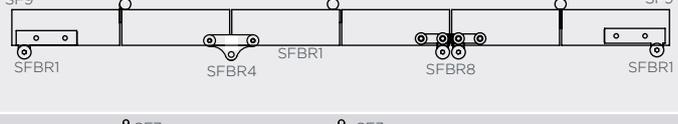
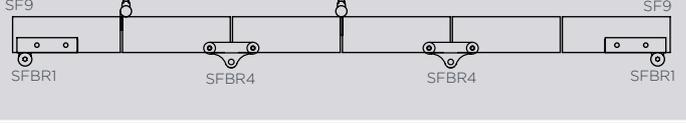
Component	Description	Short Code
Track	Anodised aluminium track in 3000, 4000 and 6000mm lengths	242/****
Pivot*	Pivot assembly	SFBR1#
Roller*	End roller set kit	SFBR2#
	Intermediate roller set kit	SFBR4#
Hinge	Hinge handle set	SF3#
	Hinge set - offset outward opening	SF7#
	Intermediate hinge for doors above 2200mm	SF9#
Meeting Kit*	Meeting kit	SFBR8#
Channel	Polypropylene guide channel available in 3000, 4000 & 6000mm lengths	94P/****
	Anodised aluminium support channel available in 3000, 4000 & 6000mm lengths	94SC/****
Seals	Door perimeter seal in brown or white	AQ63B/AQ64W
	Frame perimeter seal in brown or white	AQ21B/AQ21W
	Track seal in black	BS10B
Flushbolts	Flushbolt in 190, 450 and 600mm lengths (non lockable)	SF190#/SF450#/SF600#
	Flushbolt in 190, 450 and 600mm lengths (lockable)	SF190L#/SF450L#/SF600L#
Twinbolt For doors 56 - 68mm thick	Twinbolt for Securefold Bottom Rolling - non mortice	TB/SFBR
	Twinbolt for Securefold Bottom Rolling - mortice	TB/SFMBR

**** Replace by length of track for full short code

Replace with first letter of required colour for full short code - available in gold, black, chrome or satin

*Options include Standard Securefold Non Mortice (SFBR), Non-Mortice (SFWBR), Radius Mortice (SFRBR) and Square Mortice (SFMBR), see page 106 for details.

Door Configurations and Hardware Quantities

Door Configuration		Hardware
2 Leaf		SFBR1 x 1 SF3 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 2
2 + 1 Leaf		SFBR1 X 2 SF3 X 1 SFBR2 X 1 SF9 X 2 SF Flushbolt x 2
3 Leaf		SFBR1 x 1 SF7 x 1 SFBR4 x 1 SF9 x 1 SF Flushbolt x 2
2 + 2 Leaf		SFBR1 x 2 SF3 x 2 SFBR8 x 1 SF9 x 2 SF Flushbolt x 4
3 + 1 Leaf		SFBR1 x 2 SF7 x 1 SFBR4 x 1 SF9 x 2 SF Flushbolt x 4
4 Leaf		SFBR1 x 1 SF7 x 2 SFBR4 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 4
3 + 2 Leaf		SFBR1 x 2 SF7 x 1 SF3 x 1 SFBR2 x 1 SFBR4 x 1 SF9 x 2 SF Flushbolt x 4
4 + 1 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 1 SFBR2 x 1 SF9 x 2 SF Flushbolt x 4
5 Leaf		SFBR1 x 1 SF7 x 1 SF3 x 1 SFBR4 x 2 SF9 x 1 SF Flushbolt x 4
3 + 3 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 2 SF9 x 2 SF Flushbolt x 6
4 + 2 Leaf		SFBR1 x 2 SF7 x 2 SFBR4 x 1 SF3 x 1 SFBR8 x 1 SF9 x 2 SF Flushbolt x 6
5 + 1 Leaf		SFBR1 x 2 SF7 x 1 SF3 x 1 SFBR4 x 2 SF9 x 2 SF Flushbolt x 6
6 Leaf		SFBR1 x 1 SF7 x 2 SFBR4 x 2 SF3 x 1 SFBR2 x 1 SF9 x 1 SF Flushbolt x 6

SECUREFOLD BOTTOM ROLLING CONTINUED



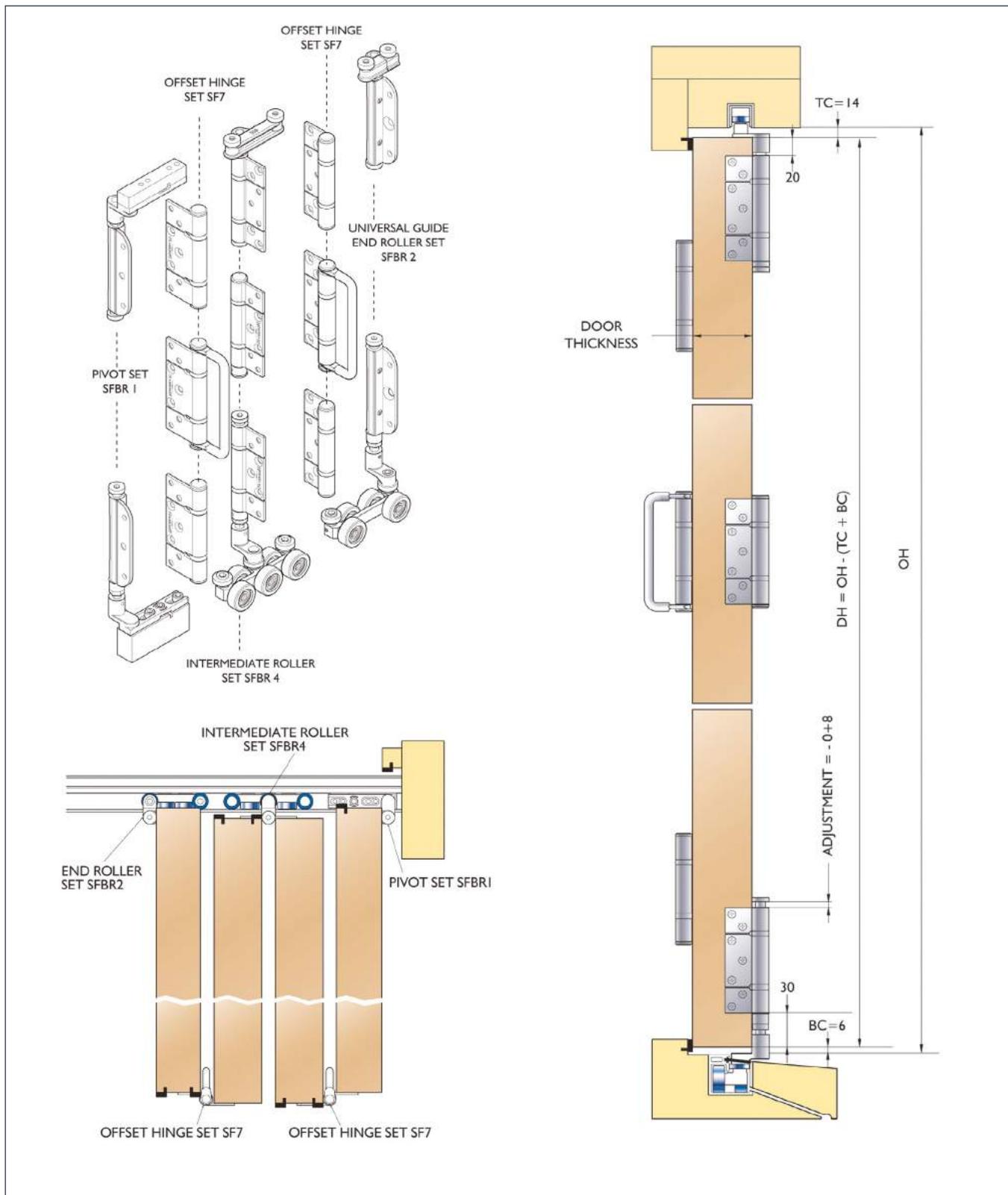
Choose from four stunning finishes - gold, chrome, black or satin



Twinbolt locking system with Crest handle



Non-handed top guide for Securefold Bottom Rolling



Accessories



Securefold Handle (SF10# or SF10S150)



Crest Handle (CREST/S) for use with Twinbolt



Routing Cover Strip (TBCSBR) in brown, for use with Twinbolt. Also available in black (TBCSBL)



Magnet Set (MAG/#) for between doors



Magnet Set (SWMAG/#) for swing door

View our full range of accessories on page 138

Replace with first letter of required colour for full short code (satin, chrome, gold or black)

COUNCIL CENTREFOLD

For centre folding wooden partition doors weighing up to 35kg, 55kg, 70kg or 80kg



Council Centrefold offers a quality top hung system designed for centre folding wooden partition doors. Four systems are available for doors weighing up to 80kg each. Folding units of up to seven full doors and one half door can be hinged to the post. When using floating units, configurations must consist of five, seven or nine full doors and have a minimum clearance of 2mm between them.

Council Centrefold offers the opportunity to house access doors in the form of a swing door or a wicket door contained within one of the doors. It is essential that all doors are of equal width. It is also worth noting that door leaves should be constructed to provide secure fixing for hanger, hinges and guides and can be flush, panelled or glazed.

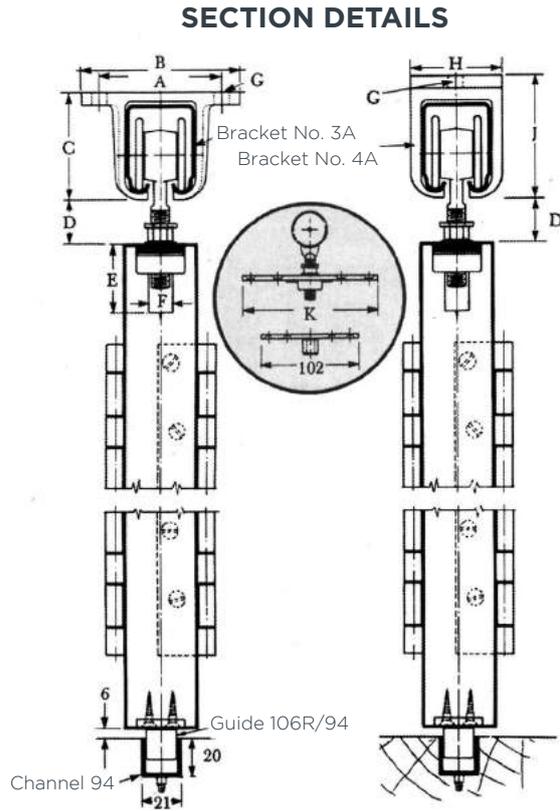
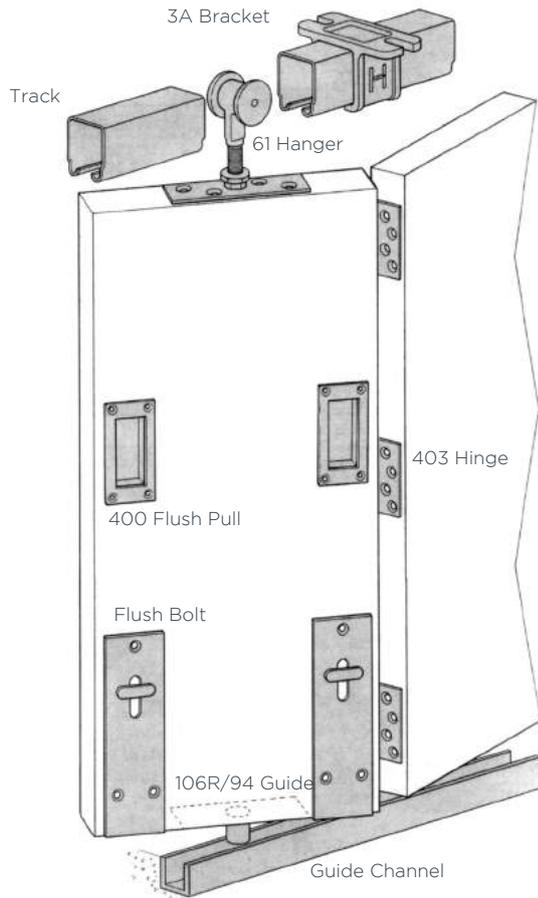
Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Council Centrefold 290	2700mm	1000mm	35 - 44mm	35kg
Council Centrefold 301	3300mm	1000mm	44 - 57mm	55kg
Council Centrefold 301H	3600mm	1000mm	44 - 57mm	70kg
Council Centrefold 305	4500mm	1000mm	44 - 57mm	80kg

Product Specification

Component	Description	Council Centrefold 290 Short Code	Council Centrefold 301 Short Code	Council Centrefold 301H Short Code	Council Centrefold 305 Short Code
Track Equal to opening width	Galvanised steel track in 2000, 2500, 3000, 4000 and 6000mm lengths	290/****	301/****	301H/****	305/****
Brackets Fix every 900mm max. and at track joints. Fix extra bracket where doors stack.	Soffit fixed bracket	3A/290	3A/301	3A/301	3A/305
Hangers 1 every 2 panels	Centre folding hanger, steel wheels Centre folding hanger, nylon wheels	61K/S 61K/N	61A/S -	61A/S -	61C/S -
Hinges 3 in height. Increase to 4 for doors over 3000mm high	Butt hinge	403/1	403/2	403/2	403/3
Guides 1 every 2 panels	Centre folding guide	106R/94	106R/94	106R/94	106R/94
Guide Channel	Brass guide channel available in 1500 and 3000mm lengths	94/****	94/****	94/****	94/****
	Aluminium guide channel in 1500, 2000, 2500 and 3000mm lengths.	94X/****	94X/****	94X/****	94X/****

**** Replace by length of track for full short code



Dimensions

Track	A	B	C	D	E	F	G	H	J	K
290	64	83	56	23	38	13	M8	48	67	140
301/301H	100	130	86	45	50	20	M12	75	95	184
305	125	168	12	60	65	20	M16	83	137	241

CHOICE OF HARDWARE

Tracks



Brackets



Hangers



Hinge



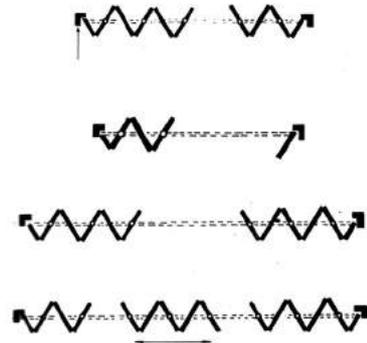
Guides



Guide Channels



EXAMPLE PLAN DETAILS



Accessories



Flush Pull
(400)
SAA, also available in stainless steel (400SS)



Flush Bolt
(333) Satin anodised aluminium



Flush Bolt
(FB110S)
Non Locking

View our full range of accessories on page 138

COUNCIL ENDFOLD

For end folding wooden partition doors weighing up to 35kg, 55kg, 70kg and 80kg



Council Endfold is a quality range of top hung, folding partition systems for wooden doors.

Four systems are available for doors weighing up to 80kg each. Ideally suited for residential and commercial partitions, Council Endfold can cover any width of opening with any number of folding doors.

Folding units of up to eight doors can be hinged to post or be floating units. Doors must consist of four, six or eight doors, with a minimum clearance of 2mm between each one.

Any access doors used within the system should be a swing door or a wicket door housed within one of the main doors. No more than 6 doors should be hinged together and can be hinged to jam or floating.

A swinging pass door is obtained by using a 3 or 5 door unit up to 3000mm high or an independently hung door.

Product Information

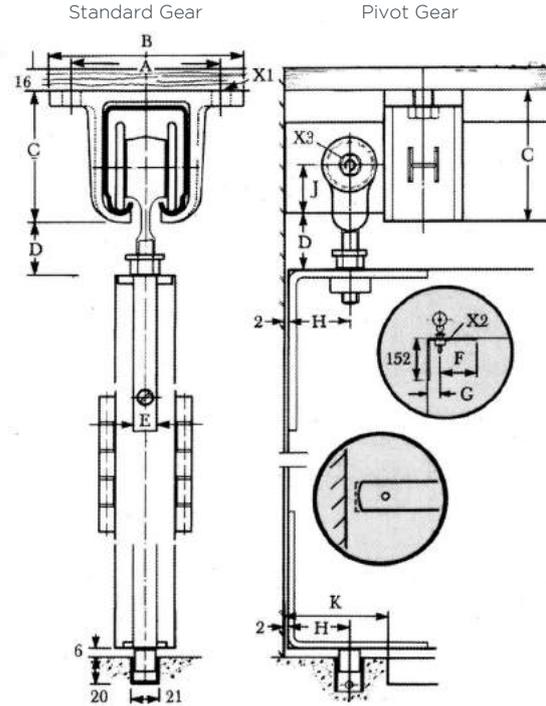
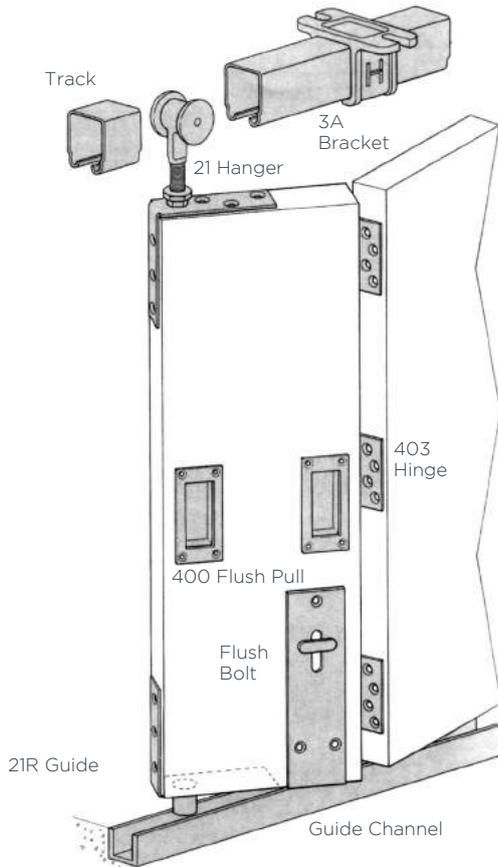
Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Council Endfold 290	2700mm	900mm	35 - 44mm	35kg
Council Endfold 301	3300mm	900mm	44 - 57mm	55kg
Council Endfold 301H	3600mm	900mm	44 - 57mm	70kg
Council Endfold 305	4500mm	900mm	44 - 57mm	80kg

Product Specification

Component	Description	290	301	301H	305
Track Equal to opening width	Galvanised steel track in 2000, 2500, 3000, 4000 and 6000mm lengths	290/****	301/****	301H/****	305/****
Brackets Fix every 900mm max. and at track joints. Fix extra bracket where doors stack.	Soffit fixed bracket	3A/290	3A/301	3A/301	3A/305
Hangers every 2 leaves (+end leaf of floating unit only)	End folding hanger, steel wheels	21K/S	21A/S	21A/S	21C/S
	End folding hanger, nylon wheels	21K/N	-	-	-
	End folding hanger for swing leaf	21K/4N	21A/4S	21A/4S	21C/4S
	End folding hanger, steel wheels (4)	21K/4S	-	-	-
	End folding pivot set	21K/P	21A/P	21A/P	-
Hinges 3 in height (increase to 4 for doors over 3000mm high).	Butt hinge	403/1	403/2	403/2	403/3
	Alternative pivot set where equal width leaves are to be anchored at one end	21K/P	21A/P	21A/P	-
Guides 1 every 2 doors (plus end door of floating unit only)	End folding guide	21KR/94	21R/94	21R/94	21R/94
Guide Channel	Brass guide channel available in 1500 and 3000mm lengths	94/****	94/****	94/****	94/****
	Aluminium guide channel available in 1500, 2000, 2500 and 3000mm lengths.	94X/****	94X/****	94X/****	94X/****

**** Replace by length of track for full short code

SECTION DETAILS



Dimensions

Track	A	B	C	D	E	F	G	H	J	K	X1	X2	X3
290	64	83	56	20	13	114	38	38	20	70	M8	13	M6
301/301H	100	130	86	45	18	133	45	45	35	75	M12	20	M8
305	125	168	121	60	18	133	45				M16	29	

CHOICE OF HARDWARE

Tracks



Hangers



Hangers



Bracket



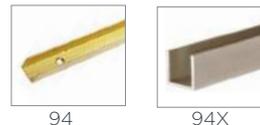
Hinges



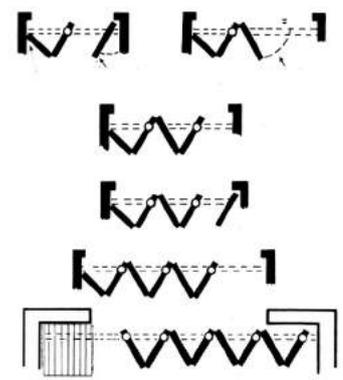
Guides



Guide Channels



EXAMPLE PLAN DETAILS



Accessories



Flush Pull (400) SAA, also available in stainless steel (400SS)



Flush Bolt (454) Satin anodised aluminium



Flush Bolt (FB110S) Non Locking

View our full range of accessories on page 138

FLEXIROL ENDFOLD

For heavy weight end folding partition doors weighing up to 125kg



Flexirol Endfold has been developed for commercial applications requiring heavy weight, top hung folding doors. Designed as an end folding system, the product can cater for interior wooden doors and exterior aluminium doors with panels being able to be hung to the left or right of an opening or alternatively hung as a floating unit.

Product Information

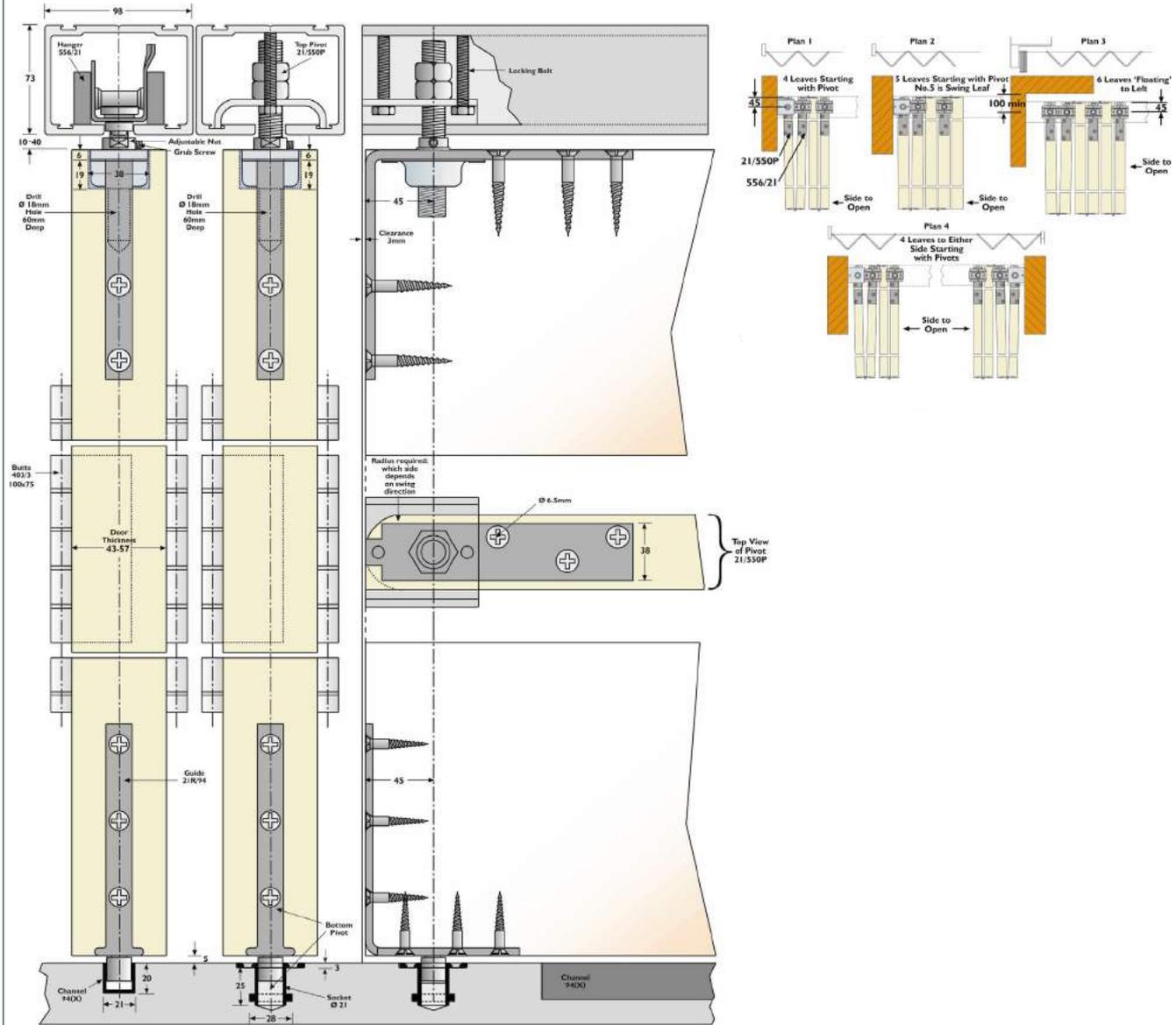
Product	Application	Door Material	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
Flexirol Endfold	Interior	Wood	4500mm	1200mm	43 - 57mm	125kg
	Exterior	Aluminium				

Product Specification

Component	Description	Interior Short Code	Exterior Short Code
Track	White aluminium track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****	550/****
	Aluminium mill finish track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****M	550/****M
Brackets	Face fixed bracket (fixed at 500mm intervals)	1A/550	1A/550
	Soffit fixed adjustable, suspended ceiling bracket	3S/550	3S/550
Hangers <small>*With stainless steel strap bolt.</small>	Angle plate fixing hanger	556/21	556A/221
Pivots	Top and bottom pivot set	21/550P	-
Guides	Brass end guide roller	21R/94	
	Intermediate guide with 150mm spindle, no hinge	-	67BA/220
	End guide with 110mm spindle, no hinge	-	67BA/180
Hinges	100 x 75mm butt hinge	403/3	-
	20mm single hinge	-	65B/20/1
	20mm double hinge	-	65B/20
	40mm single hinge	-	65B/40/1
	40mm double hinge	-	65B/40
	20 - 40mm double hinge	-	65B/20-40
Mounting Kit	To be used in conjunction with 65B hinge	-	60B
Guide Channel	Brass guide channel in 1500 and 3000mm lengths	94/****	94/****
	Aluminium guide channel in 1500, 2000, 2500, 3000, 4000 and 6000mm lengths	94X/****	94X/****
	Aluminium threshold guide channel in 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	94T/****	94T/****
	Polypropylene guide channel in 3000, 4000 and 6000mm lengths	94P/****	94P/****
	Anodised aluminium support channel in 3000, 4000 and 6000mm lengths	94SC/****	94SC/****

**** Replace by length of track for full short code

FLEXIROL ENDFOLD INTERIOR



CHOICE OF HARDWARE

Tracks



550



550M



1A/550



3S/550

Hangers



556/21



556A/21

Pivots



21/550P

Hinges



403/3



65B1



65B



65B/20-40

Mounting Kit



60B

Guides



21R/94



67BA

Guide Channel



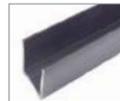
94



94X



94T

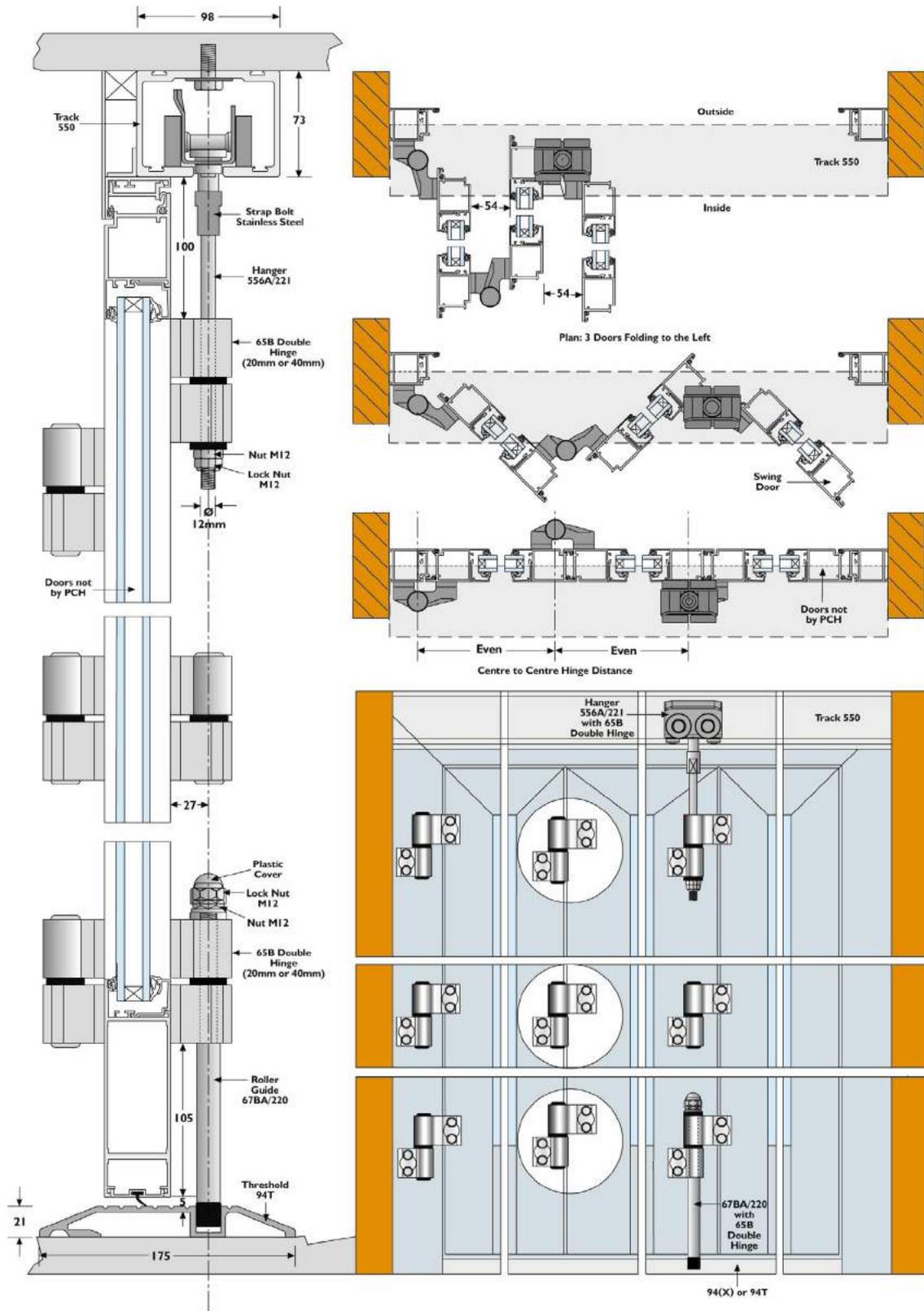


94P



94SC

FLEXIROL ENDFOLD EXTERIOR



Accessories



Flush Pull (400)
SAA, also available in stainless steel (400SS)



Flush Bolt (454) Satin anodised aluminium



Flush Bolt (FB110S)
Non Locking

View our full range of accessories on page 138

COLLEGE CENTREFOLD

For internal bottom rolling wooden doors weighing up to 70kg and 140kg



College Centrefold is a high quality, bottom rolling system, ideally suited for high class joinery installations due to all visible parts being in an attractive finish. The system is suitable for any width of opening as any number of doors can be used.

Folding units of up to seven full doors can be hinged to post whilst floating doors must be in configurations of three, five or seven, with a clearance of 2mm between each door.

College Centrefold offers the opportunity to house access doors in the form of a swing door or a wicket door contained within one of the doors. It is essential that all doors are of equal width, instructions to calculate the optimum width for your opening size can be found in the fitting instructions. It is worth noting that doors should be constructed to provide secure fixings for bottom rollers, hinges and top guide rollers. Doors can either be flush, panelled or glazed. Minimum 200mm bottom rails and 150mm stiles are also recommended.

Product Information

Product	Max. Door Height	Max. Door Width	Max. Door Thickness	Max. Door Weight
College Centrefold 70	3600mm	1000mm	44mm	70kg
College Centrefold 140	5500mm	1000mm	54mm	140kg

Product Specification

Component	Description	College Centrefold 70	College Centrefold 140
Top Guide Channel	Galvanised steel top guide channel in 2000, 2500 and 3000mm lengths	900/****	900/****
Brackets Fix every 600mm max.. and at channel joints. Fix every bracket where doors stack.	Soffit fixed bracket	3/900	3/900
Top Guide Rollers 1 every 2 panels	For wooden doors, light duty	901/909L	-
	For wooden doors, heavy duty, standard fitting	901/919H	901/919HD
Hinges 3 in height	Concealed butt hinge, satin anodised aluminium	403/2	403/3
Bottom Rollers 1 every 2 panels	Wooden door, standard fitting	920	909H
	Wooden doors, concealed fitting	923	-
Bottom Rail Same length as guide channel	Brass bottom rail available in 1500 and 3000mm lengths	918/****	917/****

**** Replace by length of track for full short code

Accessories



Flush Pull
(400) satin, also available in stainless steel (400SS)



Flush Bolt
(454) Satin anodised aluminium



Flush Bolt
(FB110S)
Non Locking

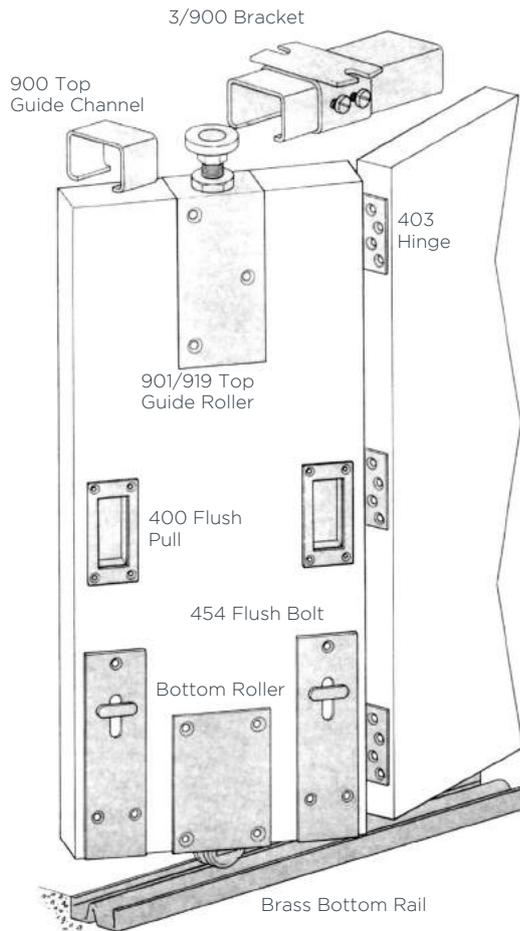


Lug for Fixing Rails into Concrete
(917/918 Lug)

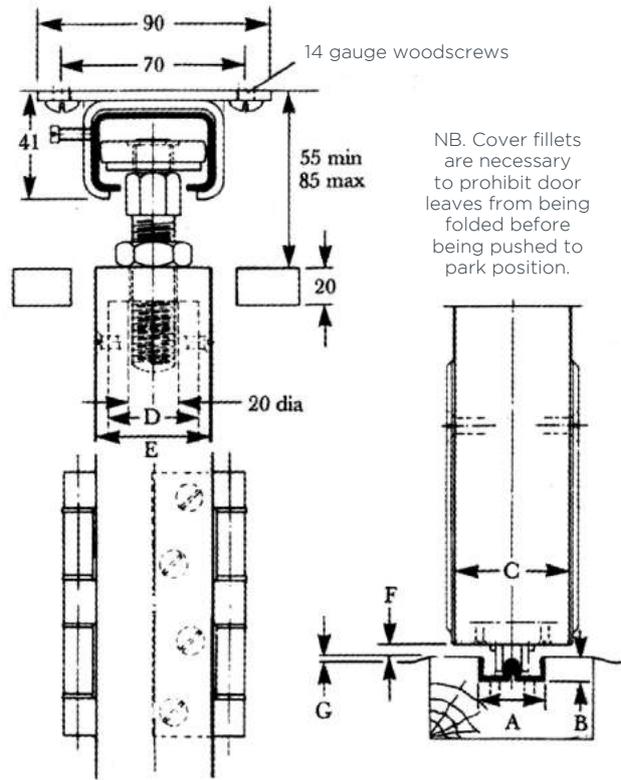


Cup for Fixing Rails into Concrete
(917/918 Cup)

View our full range of accessories on page 138



SECTION DETAILS



Dimensions

Product	A	B	C	D	E	F	G
College Centrefold 70	25	10	44	34	44	5	2
College Centrefold 140	35	13	54	44	54	6	3

CHOICE OF HARDWARE

Channel



900

Bracket



3/900

Top Guide Rollers



901/909L



901/919H

Hinges



403

Bottom Rollers



920



923



909H

Guide Channels

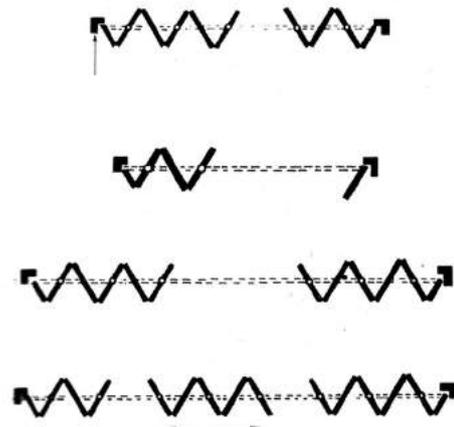


918



917

EXAMPLE PLAN DETAILS



COLLEGE ENDFOLD

For internal bottom rolling wooden doors hinged to a post or floating



College Endfold is a high quality bottom rolling system, ideally suited for high class joinery installations due to the visible parts being in an attractive satin anodised aluminium finish. The system is suitable for any width of opening as any number of doors can be used.

Folding units of up to eight doors can be hinged to post whilst floating leaves must be in configurations of four, six or eight doors with a clearance of 2mm between each door.

College Endfold offers the opportunity to house access doors in the form of a swing door or a wicket door contained within one of the doors. It is essential that all doors are of equal width. Instructions to calculate the optimum width for your opening size can be found in the fitting instructions. It is worth noting that door leaves should be constructed to provide secure fixing for bottom rollers, hinges and top guide rollers and can either be flush, panelled or glazed. Minimum 200mm bottom rails and 150mm stiles are also recommended.

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Door Weight
College Endfold 70	3600mm	900mm	44mm	70kg
College Endfold 140	5500mm	900mm	54mm	140kg

Product Specification

Component	Description	College Endfold 70	College Endfold 140
Top Guide Channel	Top guide channel in 2000, 2500 and 3000mm lengths	900/****	900/****
Brackets Fix every 600mm max.. and at channel joints. Fix every bracket where doors stack.	Soffit fixed bracket	3/900	3/900
Top Guide Rollers 1 every 2 leaves	For wooden doors, light duty	901/919L	-
	For wooden doors, heavy duty, standard fitting	901/919H	901/919HD
Hinges 3 in height	Concealed butt hinge - satin anodised aluminium	403/2	403/3
Bottom Rollers 1 every 2 leaves	Wood door, standard fitting	920	919H
	Wood door, concealed fitting	923	-
Bottom Rollers Same length as top guide channel	Bottom rail available in 1500 and 3000mm lengths	918/****	917/****

**** Replace by length of track for full short code

Accessories



Flush Pull
(400) Also available in stainless steel (400SS)



Flush Bolt
(454) Satin anodised aluminium



Flush Bolt
(FB110S) Non Locking

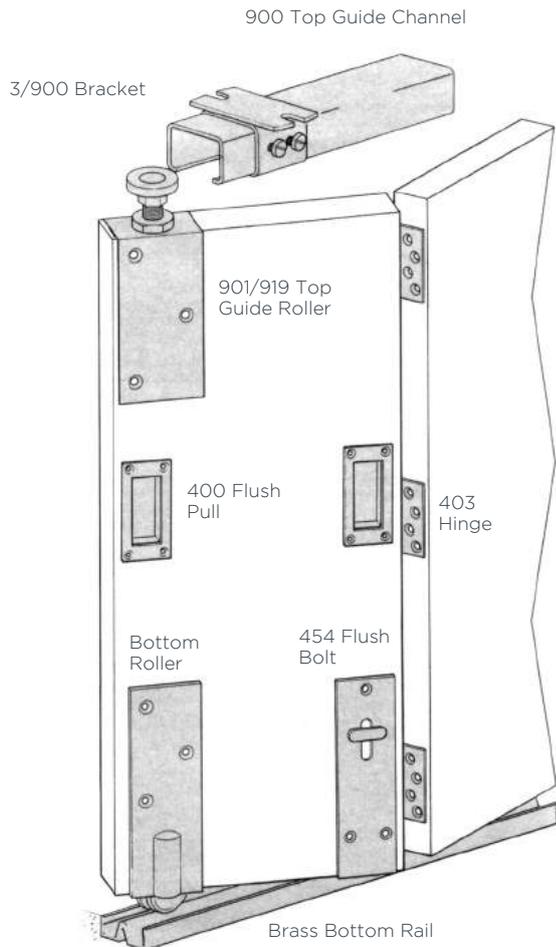


Lug for Fixing Rails into Concrete
(917/918 Lug)

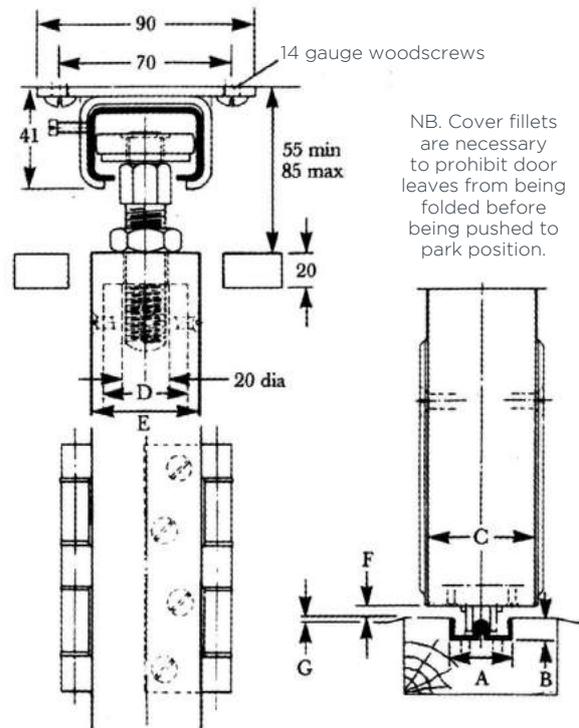


Cup for Fixing Rails into Concrete
(917/918 Cup)

View our full range of accessories on page 138



SECTION DETAILS



Dimensions

A	B	C	D	E	F	G
25	10	38	38	12	5	2

CHOICE OF HARDWARE

Channel



900

Bracket



3/900

Top Guide Rollers



901/909L



901/919H

Hinges



403

Bottom Rollers



920



923



919H

Guide Channels

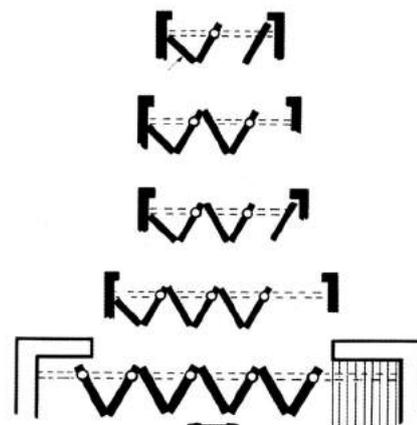


918



917

EXAMPLE PLAN DETAILS



SECUREFOLD

The ultimate folding door hardware system for doors weighing up to 50kg, 100kg and 150kg



Choose from a choice of four stunning finishes



Twinbolt locking mechanism for Securefold

Securefold offers the very best in exterior folding door hardware systems to help you securely open up a home to the outside world. The system has been designed for residential and commercial applications for top hung, exterior wooden or aluminium doors weighing up to 50kg, 100kg and 150kg. With all components made from marine grade 316 stainless steel, the system is extremely resistant against the elements and corrosion. The system comes in a range of stunning finishes including satin, chrome, gold and black (SF150 available in satin only) meaning it can complement existing hardware and virtually any colour scheme.

The system operates with effortless ease and combines all the aesthetic benefits of folding wooden doors with the additional advantages of uncompromising security and durability.

Securefold 100 features all the benefits of both the 50 and 150 with the addition of a further enhancement, R-Loc – a clever ratchet system that enables installers to easily raise or lower a door.

Securefold Specifier

Use our online Securefold Specifier tool to quickly build a bill of materials or get a quotation www.pchenderson.com/securefold-specifier

Product Information

Product	Max. Door Height	Max. Door Width	Door Thickness Range*	Max. Door Weight
Securefold 50	3300mm	1000mm	35 - 68mm	50kg
Securefold 100	3300mm	1000mm	35 - 68mm	100kg
Securefold 150	4000mm	1200mm	45 - 68mm	150kg
Securefold Ultra	3300mm	1000mm	48 - 68mm	100kg

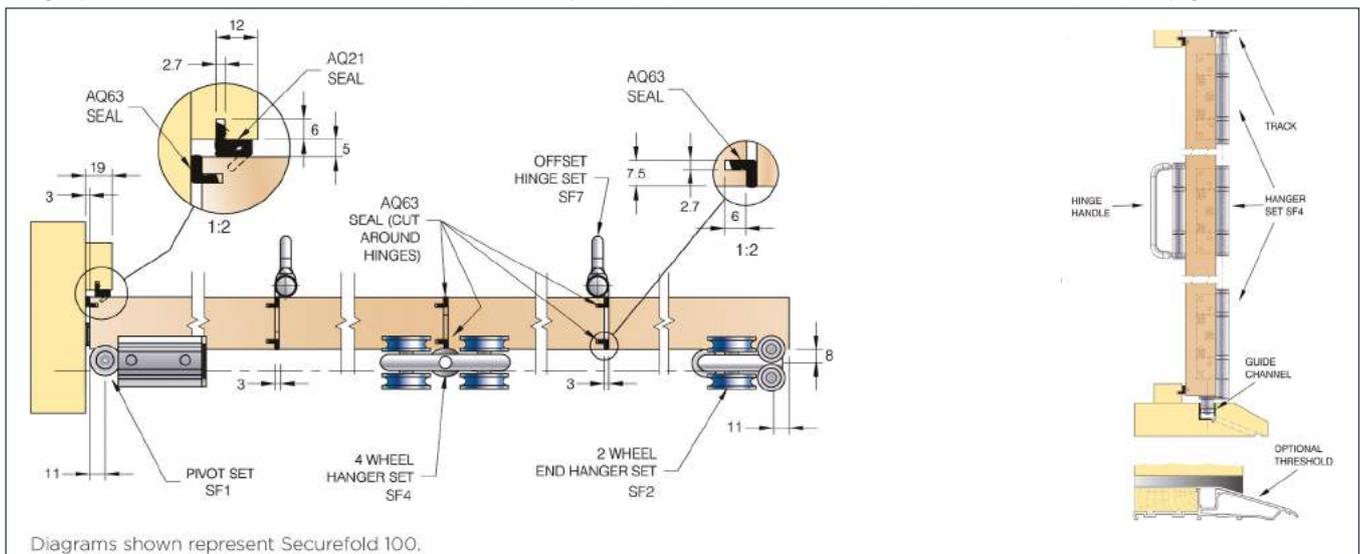
*For thick and/or narrow width doors please consult the fitting instructions regarding 'camming'. For doors between 35 - 47mm use an alternative flushbolt. Contact our technical team for further information.

Product Specification

Component	Description	50kg	100kg	150kg	Ultra
Track	Anodised aluminium track in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths.	180/****	250/****	480/****	250/****
Pivot*	Pivot assembly, mortice	SF1#50	SF1#	SF1S150	SFU1#
Hanger*	End hanger, mortice, left hand handed inside looking out*	SF2L#50	SF2L#	-	SFU2L#
	End hanger, mortice, right hand handed inside looking out*	SF2R#50	SF2R#	-	SFU2R#
	End hanger set in satin	-	-	SF2S150	-
	Intermediate hanger set kit	SF4#50	SF4#	SF4S150	SFU4#
	End hanger rebated meeting kit (for 2 x rebated meeting doors)	SF8#50	SF8#	SF8S150	SF8#
Hinges	Hinge handle set outward opening	SF3#	SF3#	SF3S150	SF3#
	Hinge set inward opening	SF5#	SF5#	-	-
	Hinge set offset inward opening	SF6#	SF6#	-	-
	Hinge handle offset outward opening	SF7#	SF7#	SF7S150	SF7#
	Intermediate pivot hinge, mortice	SF9#	SF9#	SF9S150	SFU9#
Threshold	Aluminium threshold in satin with end caps - 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	SF94T/****	SF94T/****	-	-
	Aluminium threshold in bronze with end caps - 2000, 2500, 3000, 3500, 4000 and 6000mm lengths	SF94T/****BZ	SF94T/****BZ	-	-
Channel	Polypropylene channel in black in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	94P/****	94P/****	98P/****	94P/****
	Anodised aluminium support channel in 2000, 2500, 3000, 3500, 4000, 5000 and 6000mm lengths	94SC/****	94SC/****	98SC/****	94SC/****
Seals	Door perimeter seal in brown or white	AQ63B or AQ63W			
	Frame perimeter seal in brown or white	AQ21B or AQ21W			
	Track seal in black - 10mm	BS10B	BS10B	BS15B	BS10B
Flush Bolt Locking	Flush bolt, outward opening - 190, 450 and 600mm lengths, for top or bottom of door	SF190L# / SF450L# / SF600L#			
	Flush bolt, inward opening - 190mm length, for bottom of door	SF190IBL#	SF190IBL#	-	-
Flush Bolt Non Locking	Flush bolt, outward opening - 190, 450 and 600mm lengths, for top or bottom of door	SF190# / SF450# / SF600#			
	Flush bolt, inward opening - 190mm length, for bottom of door	SF190IB#	SF190IB#	-	-
	Flush Bolt, inward opening - 190, 450 and 600mm lengths, for top of door	SF190IT# / SF450IT# / SF600IT#			
Twinbolt For doors 56 - 68mm thick	Twinbolt for Securefold non mortice	TB/SF	TB/SF	TB/SF150	TB/SF
	Twinbolt for Securefold mortice	TB/SFM	TB/SFM	TB/SF150	TB/SFM

Note: Securefold 150 is available in satin only as standard. Other colours can be made available upon request **** Replace by length of track for full short code
replace with first letter of required colour for full short code - gold, black, satin or chrome

*Hinge options include Standard Securefold, Mortice (SF), Mortice Squared (SFM), Mortice Radius Corner (SFR) and Non-Mortice (SFW), see page 106 for details.



Accessories



Crest Handle
(**CREST/S**) for use
with Twinbolt



Routing Cover Strip (**TBCSBR**)
brown, for use
with Twinbolt. Also
available in black
(TBCSBL)



Securefold
Handle
(**SF10# or
SF10S150**)

**View our full range
of accessories on
page 138**

Outward Door Configurations and Hardware Quantities

Door Configuration	Hardware	Securefold Ultra Hardware Kits †
2 Leaf 	2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 1 x SFU2
2 + 1 Leaf 	2 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF2L end hanger set - left hand.*	2 x SFU1, 2 x SFU2, 2 x SFU9
3 Leaf 	2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	1 x SFU1, 1 x SFU9, 1 x SFU4
2 + 2 Leaf 	4 x SF flushbolt, 2 x SF1 pivot set, 2 x SF3 hinge set with handle, 1 x SF8 rebated end hanger meeting.	2 x SFU1, 2 x SFU9
3 + 1 Leaf 	4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 1 x SFU4
4 Leaf 	4 x SF flushbolt, 1 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 1 x SFU4, 1 x SFU2
3 + 2 Leaf 	4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle, 1 x SF2R end hanger set - right hand.*	2 x SFU1, 2 x SFU9, 1 x SFU4, 1 x SFU2
4 + 1 Leaf 	4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	2 x SFU1, 2 x SFU9, 1 x SFU4, 1 x SFU2
5 Leaf 	4 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	1 x SFU1, 1 x SFU9, 2 x SFU4
3 + 3 Leaf 	6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 2 x SFU4
4 + 2 Leaf 	6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 1 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF8 rebated end hanger meeting.	2 x SFU1, 2 x SFU9, 1 x SFU4
5 + 1 Leaf 	6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 1 x SF7 offset hinge set with handle.	2 x SFU1, 2 x SFU9, 2 x SFU4
6 Leaf 	6 x SF flushbolt, 1 x SF1 pivot set, 1 x SF3 hinge set with handle, 2 x SF4 intermediate hanger set, 2 x SF7 offset hinge set with handle, 1 x SF2L end hanger set - left hand.*	1 x SFU1, 1 x SFU9, 2 x SFU4, 1 x SFU2

Product Information

SF1 pivot assembly set	SF7 hinge set offset outward opening
SF2R end hanger set (RH)	SF8 rebated end hanger meeting
SF2L end hanger set (LH)	SF9 intermediate pivot hinge (optional)
SF4 intermediate hanger set	SF10 face fix handle (optional)
SF5 hinge set inward opening	SF flushbolt
SF3 hinge set with handle	

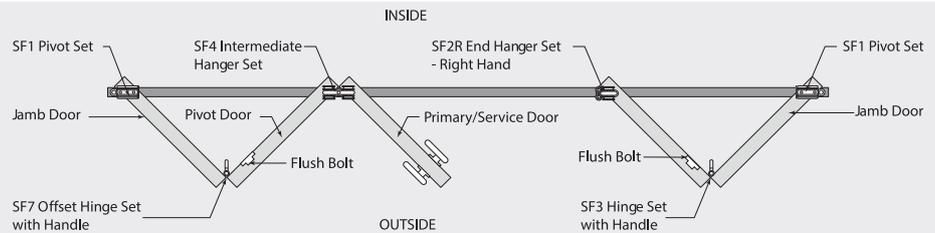
To add surface mounted hinges replace:

- SF1 with SFW1
 - SF2 with SFW2
 - SF8 with SFW8
 - SF9 with SFW9
- (only available for standard Securefold)

†All Securefold Ultra hardware kits come complete with certified hardware, multipoint lock-available in brushed satin, polished stainless steel, gold and black finishes. Specify only track and seals required to complete the specification.

The configurations shown above are viewed from the outside. They can be reversed, if reversed the parts marked * will have to be the opposite handing e.g. "SF2R/SF2R end hanger set - right hand" will become "SF2L/SF2L end hanger set - left hand" and "SF2L/SF2L end hanger set - left hand" will become "SF2R/SF2R end hanger set - right hand". SFW9 intermediate pivot is optional for doors exceeding 2200mm in height. The SFW8 (rebated end hanger meeting) is illustrated in the split position on each door. Only one kit is required per door meeting point. ** Ultra only available outward opening. On systems using door leaves that are narrow and wide and the hypotenuse is more than the door width x 1.004 then a risk of camming exists (see fitting instructions for further information). Please contact our Technical Customer Services Team for further information.

HARDWARE APPLICATION



Inward Door Configurations and Hardware Quantities

Door Configuration		Securefold hardware
2 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF5 hinge set inward opening, 1 x SF2R end hanger set - right hand.*
2 + 1 Leaf		2 x SF flushbolt, 2 x SF1 pivot set, 1 x SF5 hinge set inward opening, 1 x SF2R end hanger set - right hand*
3 Leaf		2 x SF flushbolt, 1 x SF1 pivot set, 1 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set.
2 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 2 x SF5 hinge set inward opening, 1 x SF8 rebated end hanger meeting.
3 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set.
4 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 2 x SF6 offset hinge set inward opening, 1 x SF4 intermediate hanger set, 1 x SF2R end hanger set - right hand.*
3 + 2 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening, 1 x SF2L end hanger set - left hand.*
4 + 1 Leaf		4 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 2 x SF6 offset hinge set inward opening, 1 x SF2R end hanger set - right hand.*
5 Leaf		4 x SF flushbolt, 1 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening.
3 + 3 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 2 x SF6 offset hinge set inward opening.
4 + 2 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 1 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 2 x SF6 offset hinge set inward opening, 1 x SF8 rebated end hanger meeting.
5 + 1 Leaf		6 x SF flushbolt, 2 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 1 x SF6 offset hinge set inward opening.
6 Leaf		6 x SF flushbolt, 1 x SF1 pivot set, 2 x SF4 intermediate hanger set, 1 x SF5 hinge set inward opening, 2 x SF6 offset hinge set inward opening, 1 x SF2R end hanger set - right hand.*

The configurations shown above are viewed from the inside. They can be reversed, if reversed the parts marked * will have to be the opposite handing e.g. "SF2R end hanger set - right hand" will become "SF2L end hanger set - left hand" and "SF2L end hanger set - left hand" will become "SF2R end hanger set - right hand". The SF8 (rebated end hanger meeting) is illustrated in the split position on each door. Only one kit is required per door meeting point.

HINGE OPTIONS



P C Henderson offer a choice of four different hinge options in the Securefold range, this enables us to offer our customers a choice in the look and feel of their project as well as variances on the preferred method of installation and door material. Please note for Securefold 150 and Securefold Ultra, standard Securefold hinges must be used.

Standard Securefold Hinge (Non Mortice)

The Securefold Standard hinge option combines mortice end door pivots to create a clean finish. The pivot is concealed between the door and the jamb and uses the trusted surface mounted intermediate hinges for ease of installation across the remaining door configurations. The standard hinge is suitable for all wooden doors which are 35-68mm thick and weighing up to 150kg. This is a popular option when specifying internal or external folding.

Non Mortice Hinge (Wrapped)

A non mortice hinge is an entirely surface mounted system that requires no routing or additional preparation before the fitting process. This is an easy and versatile option of hardware which can be used on wooden or aluminium doors between 35-68mm thick and weighing up to 100kg.

Radius Corner Hinge (Mortice)

Radius cornered hinges offer a softer look and often suit the look and feel of contemporary applications.

The smooth round edge complements the trend for minimalistic installation with a clean and modern finish. These hinges lend themselves perfectly to machine routing which aid the routing and fitting process. This hinge option is suitable for use on wooden doors between 44-68mm thick and weighing up to 100kg.

Squared Hinge (Mortice)

Square edged hinges provide a rustic feel and look to any wood work application and these are often chosen for more traditional applications. The solid square appearance achieves the look of a timely installation as historically this would have required precision routing by hand. Today there are other methods but some customers still prefer the hand carved qualities of traditional joinery. This hinge option is suitable for use on wooden doors between 44-68mm thick and weighing up to 100kg.

Configuration				
Hinge Type	For Use With	Min. Door Thickness	Max. Door Thickness	Max. Door Weight
Standard Securefold	Securefold 50, 100, 150 and Ultra	35mm	68mm	150kg
Mortice Squared Hinge	Securefold 50 and 100	44mm	68mm	100kg
Mortice Radius Corner	Securefold 50 and 100	44mm	68mm	100kg
Non Mortice	Securefold 50 and 100	35mm	68mm	100kg

Multidirectional



Our range of multidirectional door hardware systems offer unparalleled flexibility without compromising on the practicality of the application. The system offers a choice of two hangers providing either 90° or 135° movement for wooden, metal and glass panels weighing up to 100kg and 500kg.

The range is ideal for shop fronts, internal partitions, moveable walls, conference rooms, restaurants or any application that requires the flexibility of a stacking system which can be stored to the side, clear of the opening.

Range Overview

- Catering for maximum door weights of up to 100kg and 500kg
- Available in 90° or 135° movement
- Suitable for wood, metal or glass panels
- Interior and exterior applications
- Panels stack to the side leaving a clear opening
- Ability to create bespoke stacking areas away from the entrance

FLEXIROL MULTIDIRECTIONAL

For light weight and heavy weight doors requiring 90° or 135° movement



Our Flexirol Multidirectional comes in two product variations - Flexirol Multidirectional 90 and Flexirol Multidirectional 135. The 90 degree system is designed for panels up to 100kg for both residential and commercial environments. The 135 degree system is designed for panels up to 500kg, for use in residential and commercial environments. The system can also be made entirely bespoke and tailored to your exact requirements.

Catering for wooden and aluminium doors, the system is ideal for shop fronts, internal room partitions, conference centres and showrooms. The stacking formation allows panels to be stored entirely clear of the opening.

For exterior applications please consult the P C Henderson technical team.

Product Information

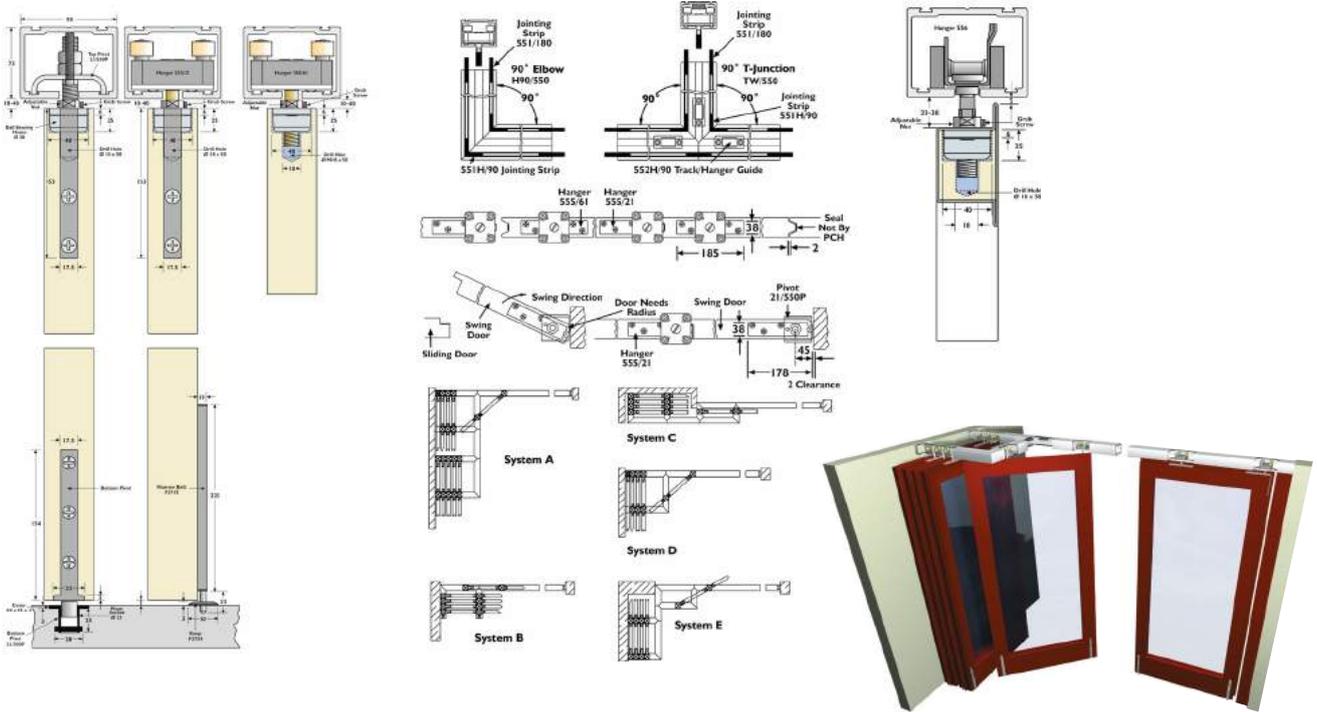
Product	Max. Door Height	Max. Door Width	Door Thickness Range	Max. Swing Door Width	Max. Door Weight (2 Hangers per Door)
Flexirol Multidirectional 90	6000mm	6000mm	40 - 100mm	1200mm	100kg
Flexirol Multidirectional 135	6000mm	6000mm	40 - 100mm	1200mm	500kg

Product Specification

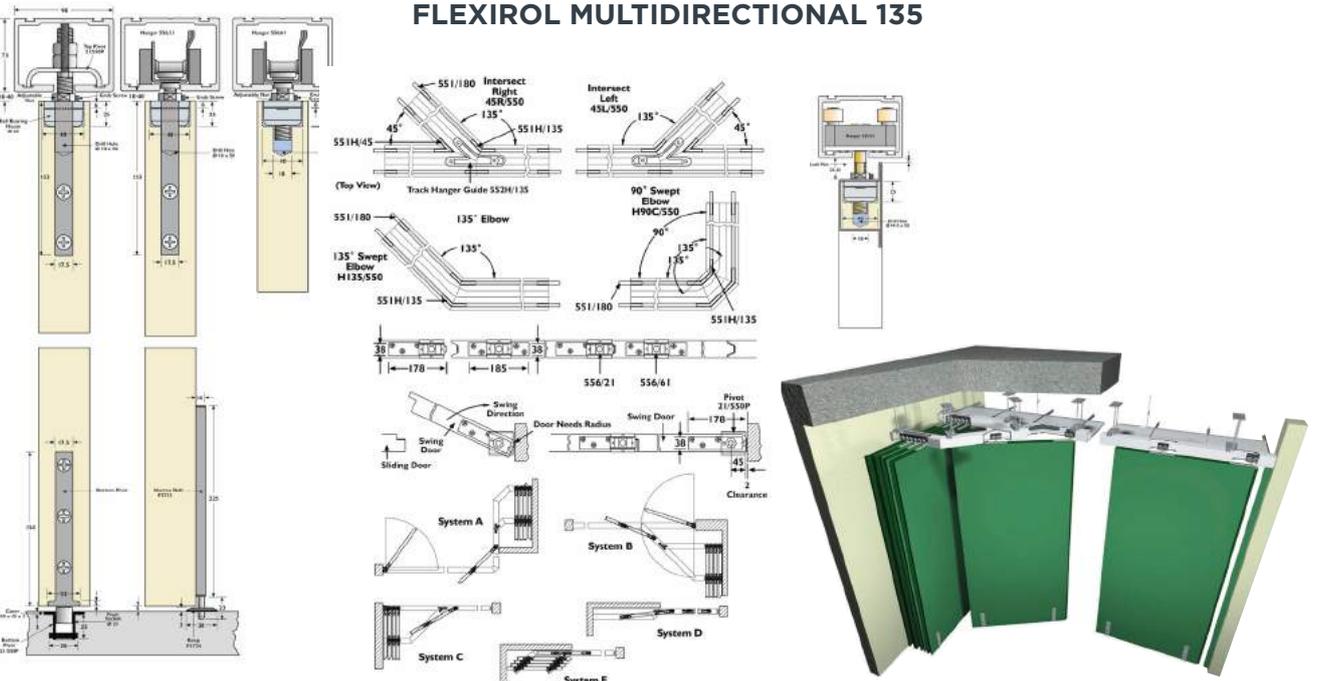
Component	Description	Flexirol MD 90 Short Code	Flexirol MD 135 Short Code
Track	White aluminium track - 2000, 3000, 4000, 5000 and 6000mm	550/****	550/****
	Aluminium mill finish track - 2000, 3000, 4000, 5000 and 6000mm	550/****M	550/****M
Intersects	'T' junction	TW/550	-
	Cross-junction	KW/550	-
	135° right-hand	-	W45R/550
	135° left-hand	-	W45L/550
Elbows	90° elbow	H90/550	-
	135° swept elbow	-	H135/550
	90° swept elbow for 135° hanger	-	H90C/550
Brackets	Face fixed bracket	1A/550	1A/550
	Soffit fixed bracket (suspended ceiling only)	3S/550	3S/550
Hangers 2 per door	Angle plate fixing	555/21	556/21
	Concealed fixing	555/61	556/61
	Metal hanger	555	556
Pivots	Pivot set	21/500P	21/500P

**** Replace by length of track for full short code.

FLEXIROL MULTIDIRECTIONAL 90



FLEXIROL MULTIDIRECTIONAL 135



Accessories



Track Jointing Strip
(551H/180)

View our full range of accessories on page 138

FLEXIROL MULTIDIRECTIONAL GLASS

For glass doors weighing up to 500kg requiring 90° or 135° movement



Flexirol Multidirectional Glass is designed for glass panels, in residential or commercial environments, requiring 90° or 135° flexible movement options. The system is ideal for shop fronts of internal room partitions and also benefits from a stacking formation, which allows the doors to be stored clear of the threshold.

Product Information

Product	Max. Door Height	Max. Door Width	Max. Swing Door Width	Glass Thickness	Max. Door Weight
Flexirol Multidirectional Glass 90	4000mm	1000mm per 100kg of glass	1200mm	10mm or 12mm	100kg
Flexirol Multidirectional Glass 135	4000mm	1000mm per 100kg of glass	1200mm	10mm or 12mm	500kg

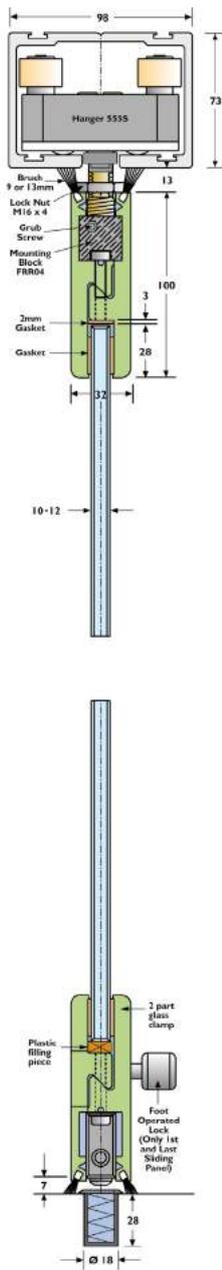
Product Specification

Component	Description	Flexirol MD Glass 90 Short Code	Flexirol MD Glass 135 Short Code
Track	White aluminium track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****	550/****
	Aluminium mill finish track in 2000, 3000, 4000, 5000 and 6000mm lengths	550/****M	550/****M
Brackets	Face fixed bracket	1A/550	1A/550
	Soffit fixed bracket - suspended ceiling	3S/550	3S/550
Hangers	90° or 135° hanger	555	556
Glass Profile	Top and bottom glass profile	FRP02	FRP02
Pivots	Pivot set	21/550GP	21/550GP

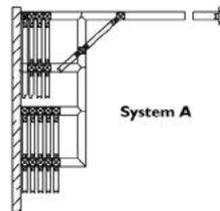
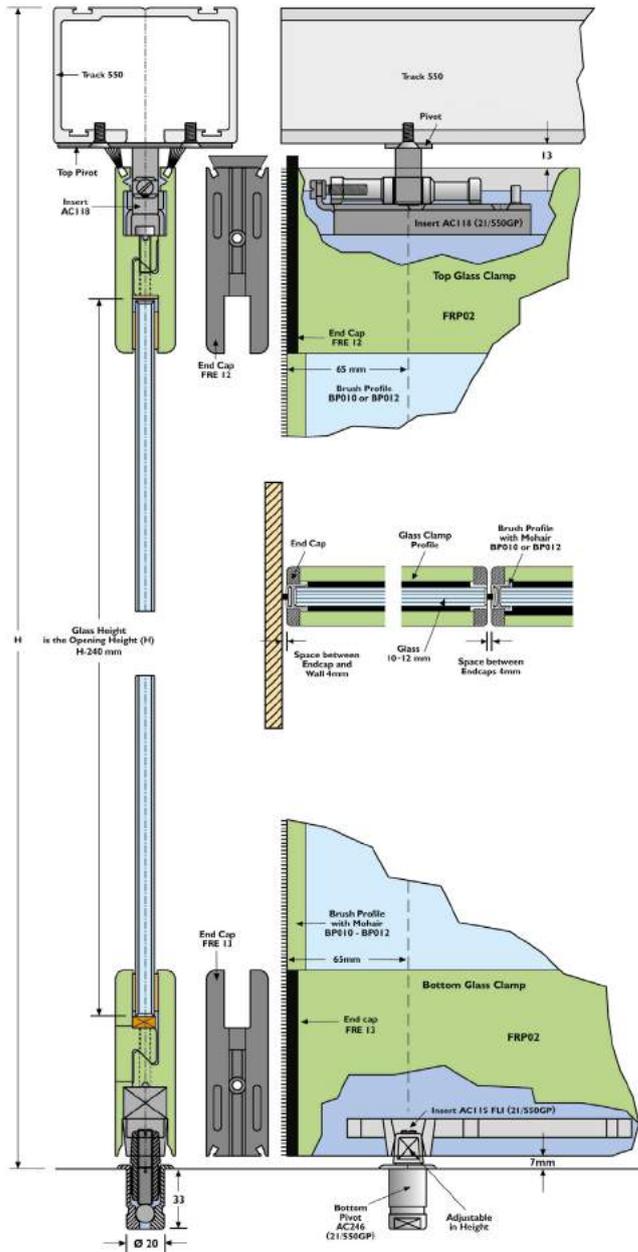
**** Replace by length of track for full short code.

FLEXIROL MULTIDIRECTIONAL 90

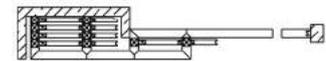
Multidirectional door



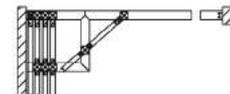
Swing door



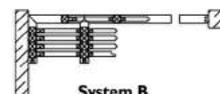
System A



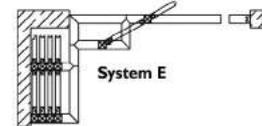
System C



System D



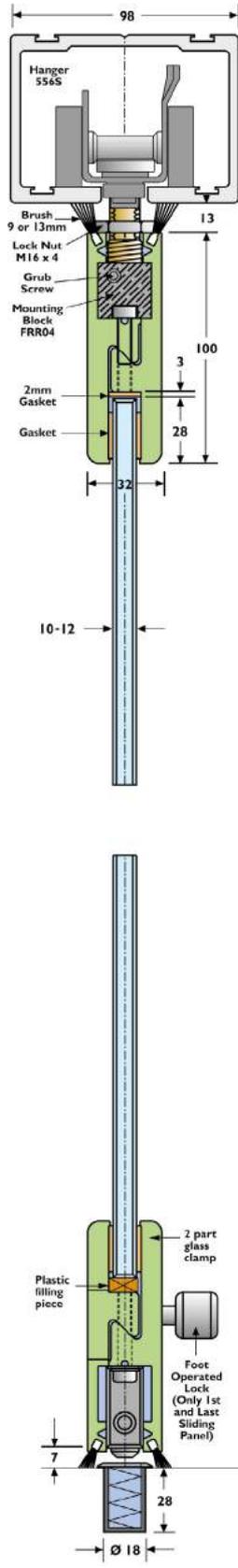
System B



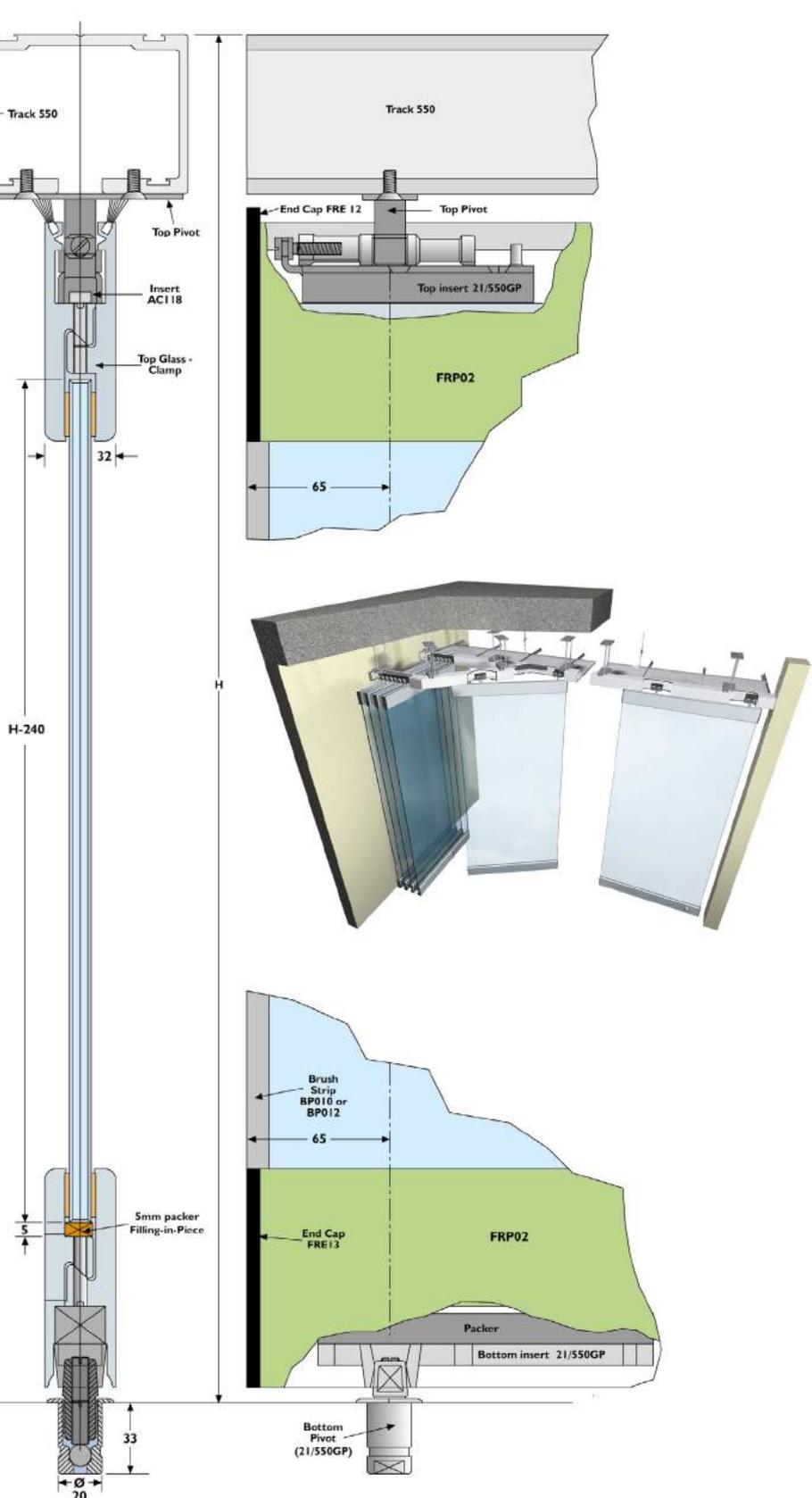
System E

FLEXIROL MULTIDIRECTIONAL 135

Multidirectional door



Swing door



Round the Corner



A robust range of top hung systems for round the corner applications where a unit of stacked doors would be impractical or unsuitable. Our round-the-corner range is suitable for maximum door weights of between 35kg and 70kg and can cater for wooden or metal doors.

Ideally suited for residential garages, commercial and light industrial applications, the system works whereby the doors slide around the corner, clear of the opening, and park along the adjacent side walls. The doors can slide to one or both sides of the opening, offering further flexibility.

Range Overview

- Catering for maximum door weights of up to 35kg and 70kg
- Suitable for wooden or metal doors
- Exterior applications
- Doors rest on adjacent wall
- Ideal solution for where a unit of stacked doors is unsuitable

TANGENT ROUND THE CORNER

Top-hung door system for round the corner applications



Tangent Round the Corner is a robust top hung door system for round the corner residential, commercial or light industrial wooden or metal doors. The doors may be panelled, flushed or glazed and can weigh up to 35kg, 55kg or 70kg each. The system is particularly suited where a bunched unit of parked panels would be impractical.

Only 3 to 5 panels should be hinged in 1 unit, but any number of units may be used to suit panels from a minimum width of 711mm to a maximum of 900mm.



Product Information

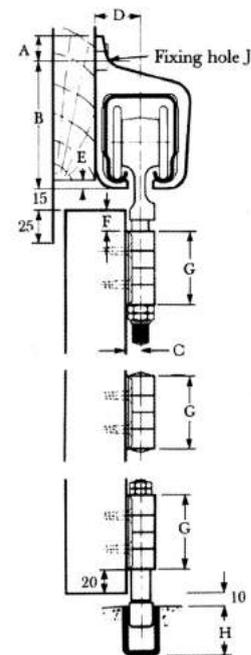
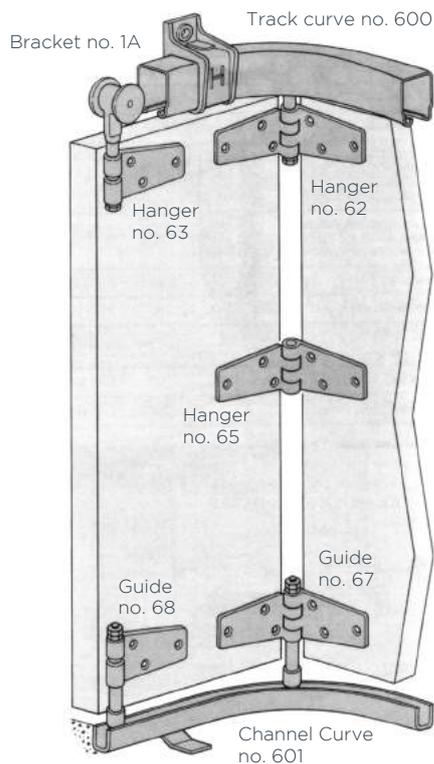
Product	Max. Door Height	Min. Door Width	Max. Door Width	Door Thickness Range	Max. Door Weight
Tangent RTC 290	2400mm	711mm	900mm	35 - 50mm	35kg
Tangent RTC 301	3300mm	711mm	900mm	45 - 55mm	55kg
Tangent RTC 301H	3600mm	711mm	900mm	45 - 55mm	70kg

Product Specification

Component	Description	290 Short Code	301 Short Code
Track	Available in 2000, 2500, 3000, 4000 and 6000mm lengths	290/****	301/****
Track Curves	Require 1 or 2 for bi-parting doors	600K	600B
Brackets Fix every 900mm max. and at track joints and curves. Fix jointing brackets/sleeve at both curved ends.	Face fixed bracket	1A/290	1A/301
	Face fixed jointing bracket	1AX/290	4RX/301TS or 1AX/301
Hangers 1 per door joint and end door	Intermediate hanger	62K	62A
	End hanger	63K	63A
Hinges 3 in height	Backflap hinge	65	65
Guides 1 per door joint and end door	Intermediate guide	67/89	67/97
	End Guide	68/89	68/97
Channel	Galvanised steel channel - 2000, 2500, 3000, 4000 and 6000mm lengths	89/****	97/****
Stops	Zinc plated steel door stop with single rubber buffer	109	109
	Zinc plated steel door stop with double rubber buffer	107	107

**** Replace by length of track for full short code.

SECTION DETAILS



Dimensions

Track	A	B	C	D	E	F	G	H	J	K	L
290	13	67	11	27	6	10	57	25	M8	6	65
301/301H	20	97	11	35	6	15	57	25	M12	16	70

CHOICE OF HARDWARE

Tracks



290



301



600K



600B

Track Curves

Brackets



1A/290



1AX/290



1A/301



1AX/301



4RX/301TS

Hangers



62K



63K



62A



63A

Channel



89



97

Hinge



65



67/89



68/89



67/97

Guides

Stops



109

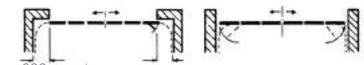


107

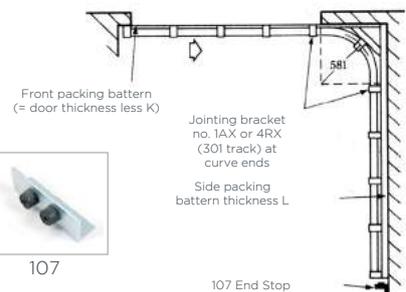
EXAMPLE PLAN DETAILS



For convenient locking R should not exceed 360mm, but 115mm-230mm is ideal. If the swing leaf under the curve is not required R should be a min. of 690mm to accommodate the corner curve



600mm min.
if swing leaves not fitted



Front packing batter
(= door thickness less K)

Joining bracket
no. 1AX or 4RX
(301 track)
at curve ends

Side packing
batter thickness L

107 End Stop

Accessories



Cast Iron Bow
Handle 159 x
46mm (**463**)



Roller Bolt 380mm
for 89 Channel
(**994R/89**)



Roller Bolt 380mm
for 97 Channel
(**994R/97**)



Galvanised Steel Offset
Shoot Bolt (**994X**)

View our full range of accessories on page 138



Automated



Evolve is an exceptionally convenient and highly sophisticated range of automatic sliding systems that can be used in any domestic or light commercial environment.

Designed to further enhance our sliding range of products, Evolve hardware features a built in system that enables sliding doors to open at the push of a button, remote control or by activation of a movement sensor.

Available to cater for single doors, bi-parting doors and pocket doors - the system offers the utmost in ease and sophistication as well as being an ideal solution for those living with mobility access needs.

Range Overview

- Catering for maximum door weights of up to 80kg
- Sliding doors open at the push of a button, remote control or by activation of a movement sensor
- Available in single, bi-parting or pocket door configurations
- Suitable for wooden and glass doors
- Interior applications

EVOLVE

Automated sliding system for wooden and glass doors weighing up to 80kg



Featuring a more sophisticated track and a quieter motor, our new and improved Evolve system now incorporates our popular Soltaire 120 system. The result is an exceptionally smooth and reliable automated system which can cater for single doors or two bi-parting door with simultaneous action.

Sliding doors can open at the push of a button, remote control or by activation of a movement sensor - offering the utmost in sophistication and convenience.

Evolve is an ideal solution to improve mobility access or add a sophisticated feature to a home or workplace. Evolve comes complete with track, hangers, floor guide, track stops, automated kit and two wall mounted control panels as standard. A number of sophisticated optional extras are available that can add to the refinement of the product.

Product Information

Short Code	No. of Doors	Door Material	Track Length	Door/Glass Thickness Range	Min. Door Width	Max. Door Width	Max. Door Weight
E80/20	1	Wood	2000mm	30 - 50mm*	675mm	1100mm**	80kg
E80/30	1	Wood	3000mm	30 - 50mm*	675mm	1600mm***	80kg
10/E80/20	1	Glass	2000mm	10mm	760mm	1100mm**	80kg
10/E80/30	1	Glass	3000mm	10mm	760mm	1600mm***	80kg
12/E80/20	1	Glass	2000mm	12mm	760mm	1100mm**	80kg
12/E80/30	1	Glass	3000mm	12mm	760mm	1600mm***	80kg
ESIM80/40	2 Bi-Parting	Wood	4000mm (2 x 2000mm)	30 - 50mm*	675mm	1058mm****	40kg (per door)
10/E80SIM/40	2 Bi-Parting	Glass	4000mm (2 x 2000mm)	10mm	760mm	1058mm****	40kg (per door)
12/E80SIM/40	2 Bi-Parting	Glass	4000mm (2 x 2000mm)	12mm	760mm	1058mm****	40kg (per door)

*A spacer is required to accommodate doors over 40mm thick in a wooden door face fixed application

** Clear opening is 1020mm ***Clear opening is 1520mm ****Clear opening is 2035mm

Kit Contents

- Track (x1)
- Hangers or Glass Clamps
- Floor Guide
- Track Stops
- Toothed Belt
- Belt Clamp
- Tensions Wheel
- Face Fixed Brackets
- Motor (1.5m cable length)
- 24V Transformer
- Wall Mounted Control Panels (x 2)

Accessories



Remote Control Kit (E2/RCK)

Includes a single channel remote control and one wireless receiver control panel



Radar Motion Sensor (ER/*)

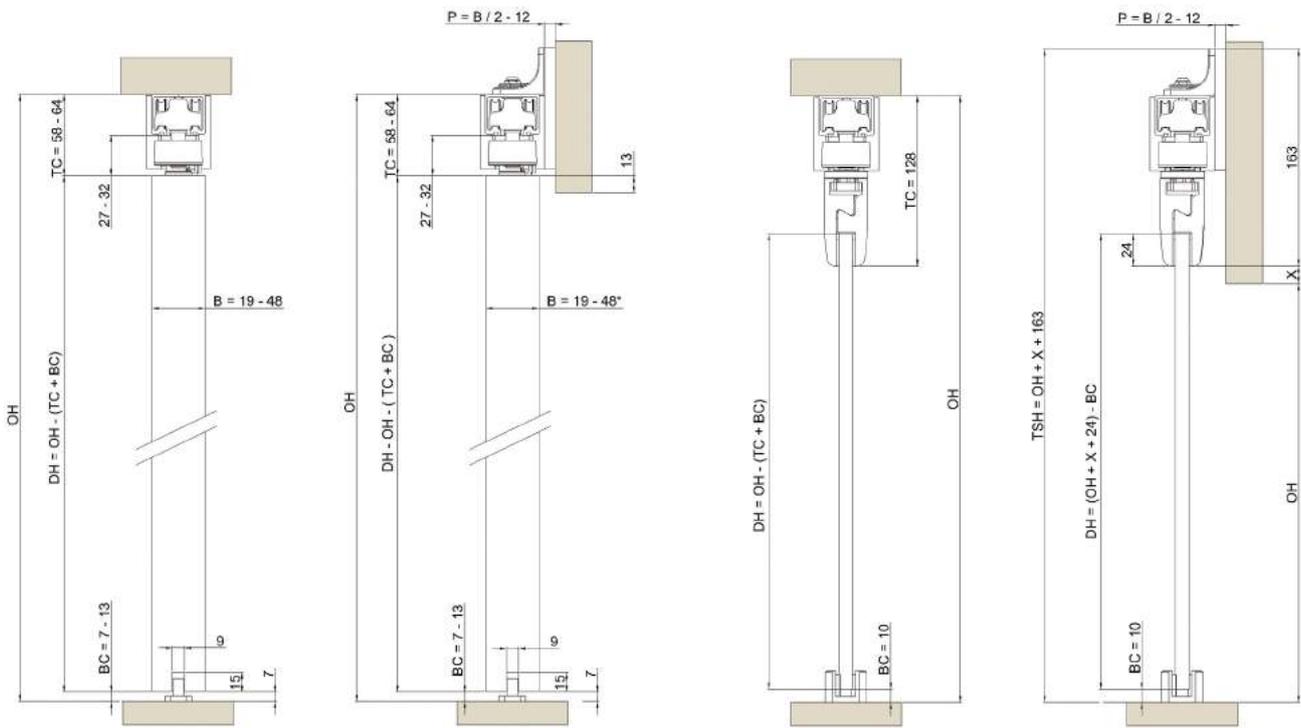
Available in black (ER/B), white (ER/W) or aluminium (ER/S)

View our full range of accessories on page 138

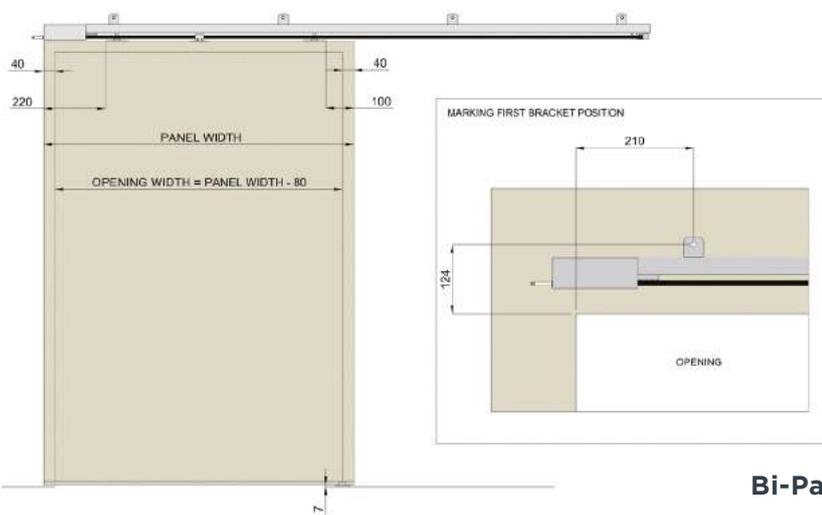


Wooden Door Application

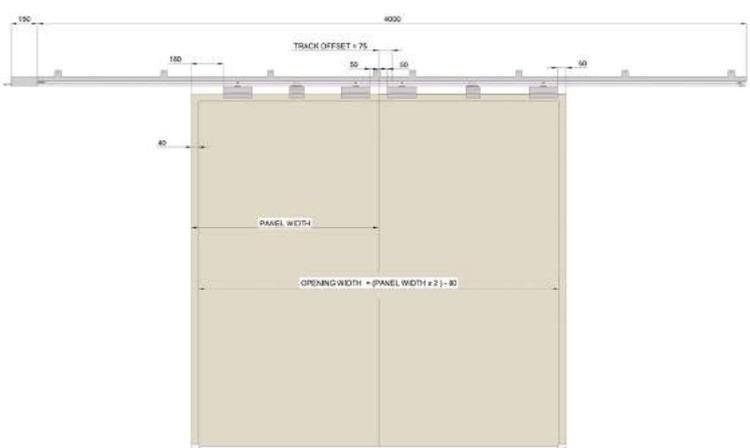
Glass Door Application



Single Door Application



Bi-Parting Door Application



EVOLVE POCKET DOOR PRO

Automated sliding system for wooden pocket doors weighing up to 80kg



Evolve Pocket Door Pro is a professional sliding door solution that allows the door to slide into a cavity wall. The robust system is ideal for new builds and areas of high use such as educational buildings, hospitals, hotels, public buildings and office blocks. Available in eight kit variants, for 120mm and 125mm cavity sizes, the system is extremely versatile. The system offers amazing benefits for environments where space is limited such as bathrooms, en-suites, utility rooms, walk in wardrobes and disability access areas.

Sliding doors can open at the push of a button, remote control or by activation of a movement sensor - offering the utmost in sophistication and convenience.

The system comes complete with track, hangers, floor guide, automation kit and two wall mounted control panels as standard.

A number of sophisticated optional extras are available that can add to the refinement of the product.

For bi-parting automated pocket doors, two kits can be used.

Product Information

Short Code	Track Length	Max. Door Width	Max. Door Height	Door Thickness Range	Max. Door Weight
EVOPRO1/**	1250mm	610mm	1981mm	28 - 44mm	80kg
EVOPRO2/**	1402mm	686mm	1981mm	28 - 44mm	80kg
EVOPRO3/**	1554mm	762mm	1981mm	28 - 44mm	80kg
EVOPRO4/**	1706mm	838mm	1981mm	28 - 44mm	80kg
EVOPRO5/**	1554mm	762mm	2040mm	28 - 44mm	80kg
EVOPRO6/**	1682mm	826mm	2040mm	28 - 44mm	80kg
EVOPRO7/**	1482mm	726mm	2040mm	28 - 44mm	80kg
EVOPRO10/**	1890mm	930mm	2315mm	28 - 44mm	80kg

** For full short code replace with required finished wall thickness - 120 or 125 (mm)

Finished Wall Thickness Calculation

120mm Finished Wall Thickness

95mm cavity + 12.5mm plasterboard either side = 120mm finished wall thickness

125mm Finished Wall Thickness

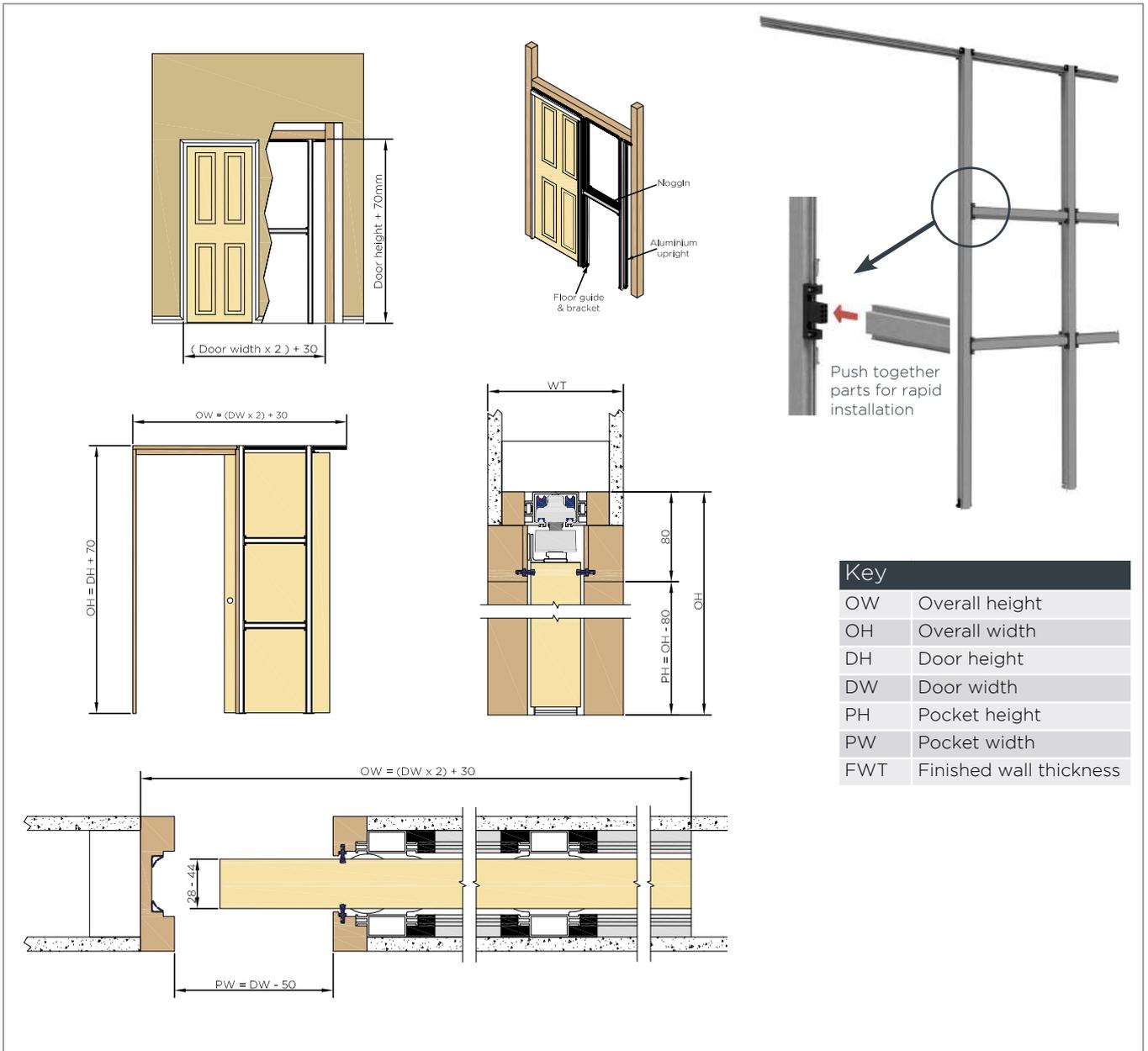
100mm cavity + 12.5mm plasterboard either side = 125mm finished wall thickness

Drive Unit Specification

Operation Voltage:	24V safety - low voltage via external power unit
Maximum Operating Speed:	26 cm/s variable
Running Performance:	Soft start and stop
Safety Function:	Includes obstacle detection in both directions
Configurable Options:	Push and go, closing speed, auto closing delay timer

Kit Contents

Aluminium Track (x1)	Screws
Aluminium Upright (x4)	Tie Back & Fixing Block (x4) (PDKPRO10)
Hangers (x2)	Motor (1.5m cable length)
Floor Guide (x1)	Toothed Belt
Fixing Plate (x4)	Belt Clamp
Header Fixing Bracket (x8)	Tension Wheel
Door Stop (x1)	24V Transformer
Noggin c/w Fixing Block (x2) (x4 for PDKPRO10)	Wall Mounted Control Panels (x2)
Floor Bracket (x2) (x4 for PDKPRO10)	



Key	
OW	Overall height
OH	Overall width
DH	Door height
DW	Door width
PH	Pocket height
PW	Pocket width
FWT	Finished wall thickness

Opening Size Guide

Kit	Max. Passage Width (W x H)	Overall Dimensions (W x H)	Cavity Thickness	Finished Wall Thickness (FWT)
EVOPRO1/**	560mm x 1971mm	1250mm x 2051mm	95mm or 100mm	120mm or 125mm
EVOPRO2/**	636mm x 1971mm	1402mm x 2051mm	95mm or 100mm	120mm or 125mm
EVOPRO3/**	712mm x 1971mm	1554mm x 2051mm	95mm or 100mm	120mm or 125mm
EVOPRO4/**	788mm x 1971mm	1706mm x 2051mm	95mm or 100mm	120mm or 125mm
EVOPRO5/**	712mm x 2030mm	1554mm x 2110mm	95mm or 100mm	120mm or 125mm
EVOPRO6/**	776mm x 2030mm	1682mm x 2110mm	95mm or 100mm	120mm or 125mm
EVOPRO7/**	676mm x 2030mm	1482mm x 2110mm	95mm or 100mm	120mm or 125mm
EVOPRO10/**	880mm x 2305mm	1890mm x 2385mm	95mm or 100mm	120mm or 125mm

*** For full short code replace with cavity wall size - 120 or 125 (mm)

Accessories



Liner Kit (LK/)**
Full timber liner kit for a professional finish



Remote Control Kit (E2/RCK)
Includes a single channel remote control and one wireless receiver control panel



Radar Motion Sensor (ER/)**
Available in black (ER/B), white (ER/W) or aluminium (ER/S)

View our full range of accessories on page 138

*** For full short code replace with cavity wall size - 120 or 125 (mm)

Folding Door Configurations and Quantities

Folding Doors

Folding door units consist of a number of wooden or aluminium doors hinged together. Wide units usually slide and fold in two parts, to the right and left. Extra wide openings should be covered by three or more units with the centre units floating.

Brackets

For information on bracket positioning please check the product datasheet which can be viewed on our website.

Track

Select the track according to the height or weight of a door.

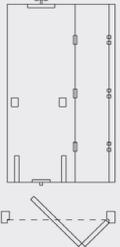
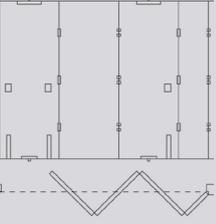
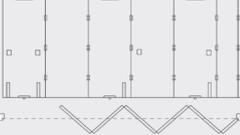
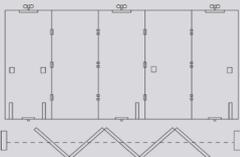
Fittings

Having selected the track, extract the fittings and quantities shown in the relative column. Side wall or soffit fixed brackets are available.

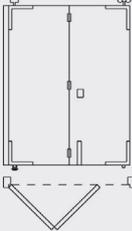
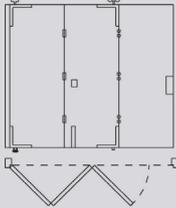
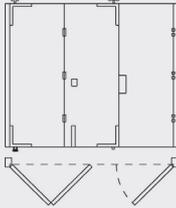
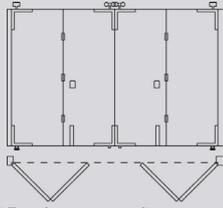
NOTE: Securefold door configurations can be found on page 104 and 105 and Securefold Bottom Rolling door configurations can be found on page 87.



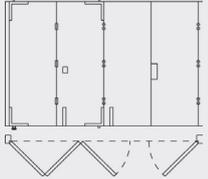
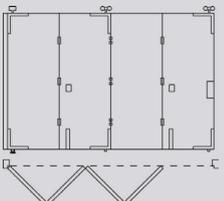
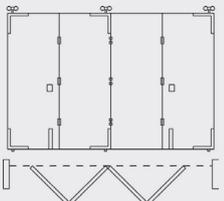
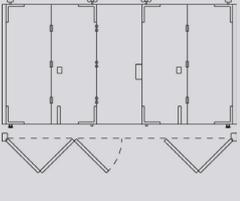
Interior Centre Folding Systems

Configuration	Item	Quantity	Component		
			2700mm Max. Door Height or 35kg Max. Door Weight	2700mm Max. Door Height or 75kg Max. Door Weight	4500mm Max. Door Height or 125kg Max. Door Weight
1.5 LEAF Centre folding hinged to post  <p>*For doors exceeding 3000mm high increase to 8</p>	Track	-	600	600	550
	Brackets	See page 122	1B	1B	1A/550 or 3S/550
	Hanger	1	61B	61B/4	556/61
	Hinges	6*	403 (89x50)	403 (100x55)	403 (100x75)
	Guide	1	106N	106N	106N
	Channel	-	94 or 94X	94 or 94X	94 or 94X
	Flushpull	2	400	400	400
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
3.5 LEAF Centre folding hinged to post  <p>*For doors exceeding 3000mm high increase to 16</p>	Track	-	600	600	550
	Brackets	See page 122	1B	1B	1A/550 or 3S/550
	Hanger	2	61B	61B/4	556/61
	Hinges	12*	403 (89x50)	403 (100x55)	403 (100x75)
	Guide	2	106N	106N	106N
	Channel	-	94 or 94X	94 or 94X	94 or 94X
	Flushpull	3	400	400	400
	Flushbolt	3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
5.5 LEAF Centre folding hinged to post  <p>*For doors exceeding 3000mm high increase to 24</p>	Track	-	600	600	550
	Brackets	See page 122	1B	1B	1A/550 or 3S/550
	Hanger	3	61B	61B/4	556/61
	Hinges	18*	403 (89x50)	403 (100x55)	403 (100x75)
	Guide	3	106N	106N	106N
	Channel	-	94 or 94X	94 or 94X	94 or 94X
	Flushpull	4	400	400	400
	Flushbolt	4	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
5 LEAF Centre folding hinged to post  <p>*For doors exceeding 3000mm high increase to 16</p>	Track	-	600	600	550
	Brackets	See page 122	1B	1B	1A/550 or 3S/550
	Hanger	3	61B	61B/4	556/61
	Hinges	12*	403 (89x50)	403 (100x55)	403 (100x75)
	Guide	3	106N	106N	106N
	Channel	-	94 or 94X	94 or 94X	94 or 94X
	Flushpull	2	400	400	400
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734

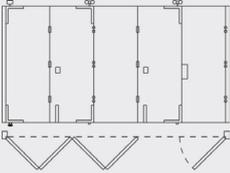
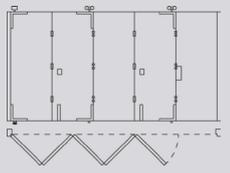
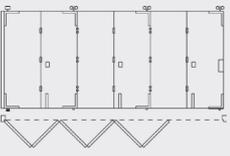
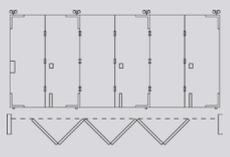
Interior End Folding Systems

Configuration	Item	Quantity	Component	
			2700mm Max. Door Height or 35kg Max. Door Weight	4500mm Max. Door Height or 35kg Max. Door Weight
2 LEAF Folding to the left 	Track	-	600	550
	Brackets	See page 122	1B	3S/550
	Hanger	1	21B	556/21
	Pivot	1	21B/P	21/550P
	Hinges	3*	403 (89x50)	403 (100x75)
	Guide	1	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	1	400	400
	Flushbolt	1	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
	Lock and handles	1	-	-
3 LEAF With swinger folding to the left 	Track	-	600	550
	Brackets	See page 122	1B	3S/550
	Hanger	1	21B/4	556/21
	Pivot	1	21B/P	21/550P
	Hinges	6*	403 (89x50)	403 (100x75)
	Guide	1	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	1	400	400
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
	Lock and handles	1	-	-
3 LEAF 2 folding to the left, 1 swinger hinged to post 	Track	-	600	550
	Brackets	See page 122	1B	3S/550
	Hanger	1	21B	556/21
	Pivot	1	21B/P	21/550P
	Hinges	6*	403 (89x50)	403 (100x75)
	Guide	1	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	-	400	400
	Flushbolt	1	SF190/450/600 or F3735	SF190/450/600 or F3735
	Lock and handles	1	-	-
4 LEAF 2 folding to each side 	Track	-	600	550
	Brackets	See page 122	1B	3S/550
	Hanger	2	21B	556/21
	Pivot	2	21B/P	21/550P
	Hinges	6*	403 (89x50)	403 (100x75)
	Guide	2	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	2	400	400
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
	Lock and handles	1	-	-

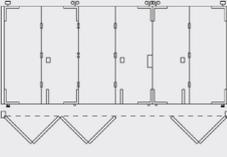
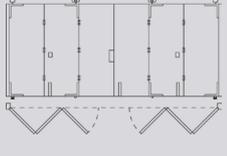
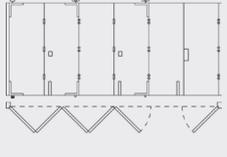
Interior End Folding Systems

Configuration	Item	Quantity	Component		
			2700mm Max. Door Height or 35kg Max. Door Weight	4500mm Max. Door Height or 35kg Max. Door Weight	
4 LEAF 3 with swinger to the left, 1 separate hinged to post 	Track	-	600	550	
	Brackets	See page 122	1B	3S/550	
	Hanger	1	21B/4	556/21	
	Pivot	1	21B/P	21/550P	
	Hinges	9*	403 (89x50)	403 (100x75)	
	Guide	1	21N/94	21R/94	
	Channel	-	94 or 94X	94 or 94X	
	Flushpull	1	400	400	
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
	Lock and handles	1	-	-	
	4 LEAF Folding to the left 	Track	-	600	550
Brackets		See page 122	1B	3S/550	
Hanger		2	21B	556/21	
Pivot		1	21B/P	21/550P	
Hinges		9*	403 (89x50)	403 (100x75)	
Guide		2	21N/94	21R/94	
Channel		-	94 or 94X	94 or 94X	
Flushpull		2	400	400	
Flushbolt			SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
Lock and handles		1	-	-	
4 LEAF Floating 		Track	-	600	550
	Brackets	See page 122	1B	3S/550	
	Hanger	3	21B	556/21	
	Hinges	9*	403 (89x50)	403 (100x75)	
	Guide	3	21N/94	21R/94	
	Channel	-	94 or 94X	94 or 94X	
	Flushpull	2	400	400	
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
	Lock and handles	1	-	-	
	5 LEAF 3 to the right with swinger, 2 to the left 	Track	-	600	550
		Brackets	See page 122	1B	3S/550
Hanger		2	21B	556/21	
Pivot		2			
Hinges		9*	403 89x50	403 100x75	
Guide		2	21N/94	21R/94	
Channel		-	94 or 94X	94 or 94X	
Flushpull		2	400	400	
Flushbolt		2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
Lock and handles		1	-	-	

Interior End Folding Systems

Configuration	Item	Quantity	Component	
			2700mm Max. Door Height or 35kg Max. Door Weight	4500mm Max. Door Height or 35kg Max. Door Weight
5 LEAF 4 to the right, 1 separate swinger  <p>*For doors exceeding 3000mm high increase to 16</p>	Track	-	600	550
	Brackets	See page 122	1B	3S/550
	Hanger	2	21B	556/21
	Pivot	1	21B/P	21/550P
	Hinges	12*	403 (89x50)	403 (100x75)
	Guide	2	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	2	400	400
	Flushbolt	2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
	Lock and handles	1	-	-
	5 LEAF With swinger  <p>*For doors exceeding 3000mm high increase to 16</p>	Track	-	600
Brackets		See page 122	1B	3S/550
Hanger		2	21B	556/21
Pivot		1	21B/P	21/550P
Hinges		12*	403 (89x50)	403 (100x75)
Guide		2	21N/94	21R/94
Channel		-	94 or 94X	94 or 94X
Flushpull		2	400	400
Flushbolt		2	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
Lock and handles		1	-	-
6 LEAF Folding  <p>*For doors exceeding 3000mm high increase to 20</p>		Track	-	600
	Brackets	See page 122	1B	3S/550
	Hanger	3	21B	556/21
	Pivot	1	21B/P	21/550P
	Hinges	15*	403 (89x50)	403 (100x75)
	Guide	3	21N/94	21R/94
	Channel	-	94 or 94X	94 or 94X
	Flushpull	3	400	400
	Flushbolt	3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
	Lock and handles	1	-	-
	6 LEAF "Floating"  <p>*For doors exceeding 3000mm high increase to 20</p>	Track	-	600
Brackets		See page 122	1B	3S/550
Hanger		4	21B	556/21
Hinges		15*	403 (89x50)	403 (100x75)
Guide		4	21N/94	21R/94
Channel		-	94 or 94X	94 or 94X
Flushpull		3	400	400
Flushbolt		3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734
Lock and handles		1	-	-

Interior End Folding Systems

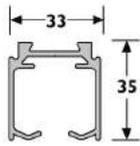
Configuration	Item	Quantity	Component		
			2700mm Max. Door Height or 35kg Max. Door Weight	4500mm Max. Door Height or 35kg Max. Door Weight	
6 LEAF 4 folding to the left, 2 folding to the right 	Track	-	600	550	
	Brackets	See page 122	1B	3S/550	
	Hanger	3	21B	556/21	
	Pivot	2	21B/P	21/550P	
	Hinges	12*	403 (89x50)	403 (100x75)	
	Guide	3	21N/94	21R/94	
	Channel	-	94 or 94X	94 or 94X	
	Flushpull	3	400	400	
	Flushbolt	3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
	Lock and handles	1	-	-	
	*For doors exceeding 3000mm high increase to 16				
	6 LEAF 3 with swinger to the left, 3 with swinger to the right 	Track	-	600	550
Brackets		See page 122	1B	3S/550	
Hanger		2	21B	556/21	
Pivot		2	21B/P	21/550P	
Hinges		12*	403 (89x50)	403 (100x75)	
Guide		2	21N/94	21R/94	
Channel		-	94 or 94X	94 or 94X	
Flushpull		3	400	400	
Flushbolt		3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
Lock and handles		1	-	-	
*For doors exceeding 3000mm high increase to 16					
6 LEAF 5 with swinger to the left, 1 separate swinger 		Track	-	600	550
	Brackets	See page 122	1B	3S/550	
	Hanger	2	21B	556/21	
	Pivot	1	21B/P	21/550P	
	Hinges	15*	403 (89x50)	403 (100x75)	
	Guide	2	21N/94	21R/94	
	Channel	-	94 or 94X	94 or 94X	
	Flushpull	2	400	400	
	Flushbolt	3	SF190/450/600 or F3715 and F3734	SF190/450/600 or F3715 and F3734	
	Lock and handles	1	-	-	
	*For doors exceeding 3000mm high increase to 20				

Component Drawings

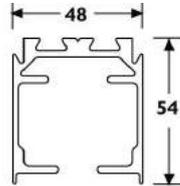
Detailed drawings and dimensions of our range of commercial tracks, intersects, curves, brackets, hangers, pivot sets, guides, guide channels, accessories and stops. Industrial component drawings can be found on page 131.

Track, Intersect and Curve Drawings

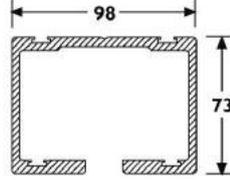
280A Track



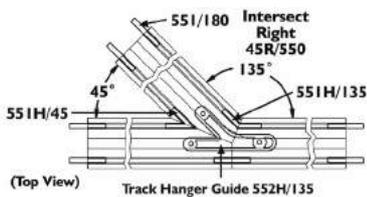
600 Track



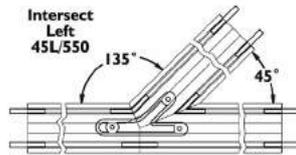
550 Track



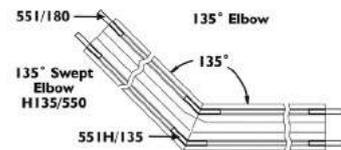
45R/550 Intersect (Top View)



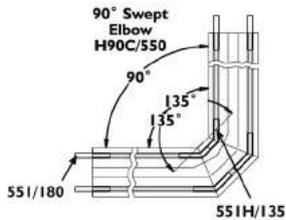
45L/550 Intersect (Top View)



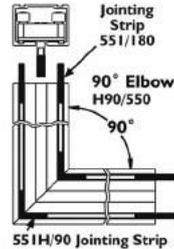
H135/550 Intersect (Top View)



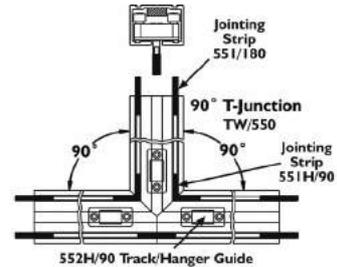
H90C/550 Intersect (Top View)



H90/550 Intersect

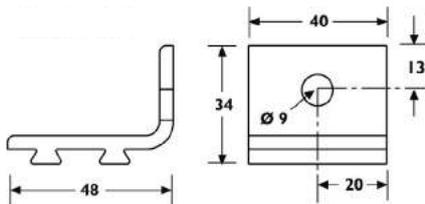


Intersect

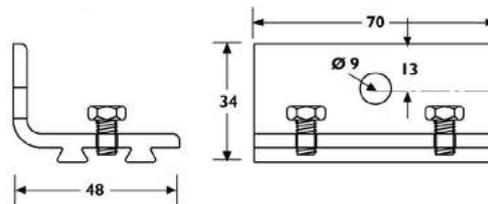


Bracket Drawings

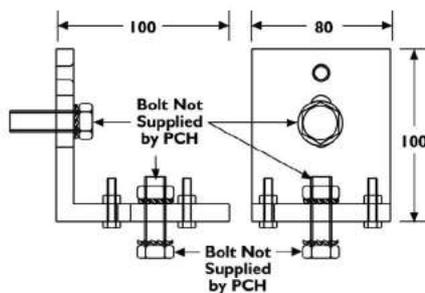
1B



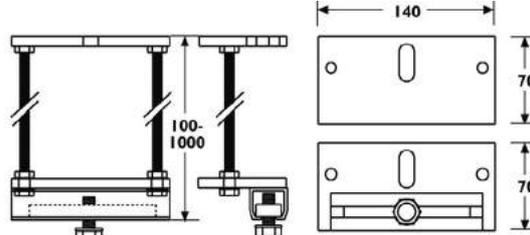
1BX



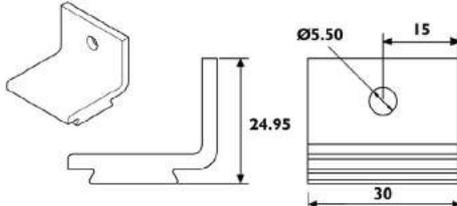
1A/550



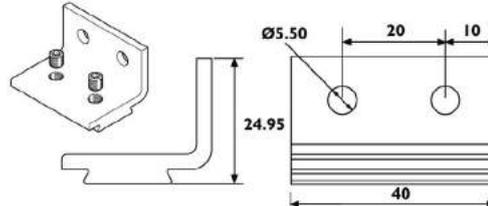
3S/550



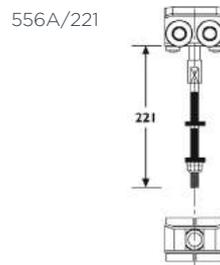
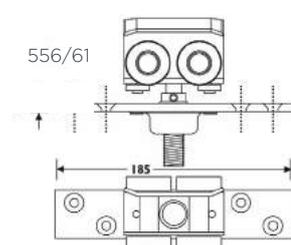
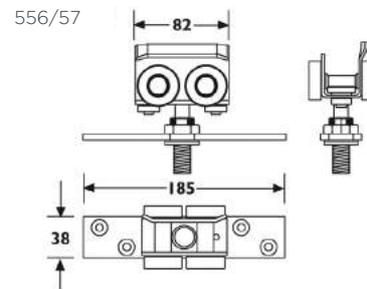
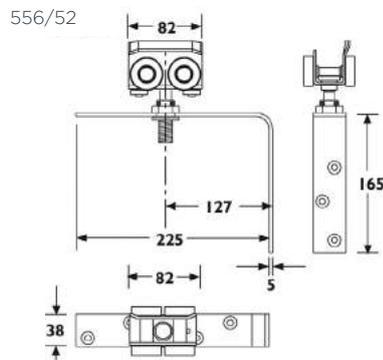
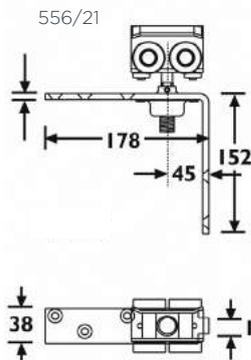
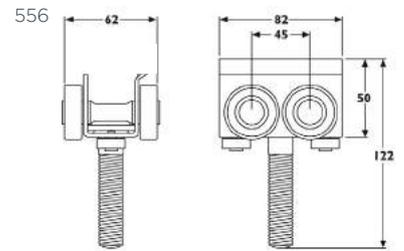
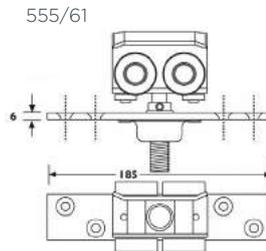
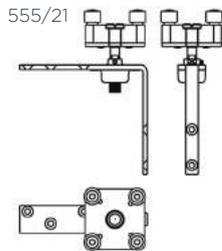
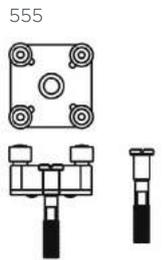
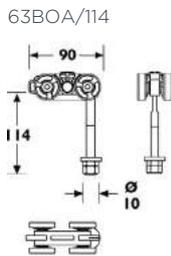
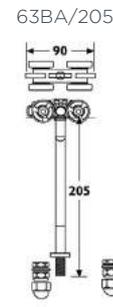
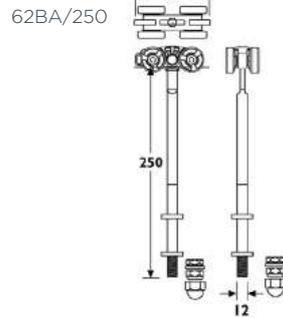
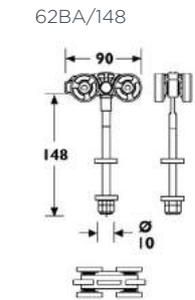
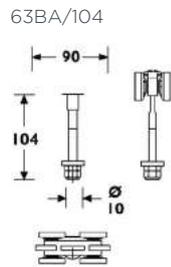
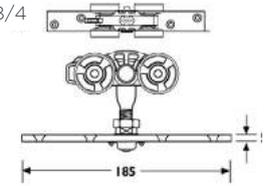
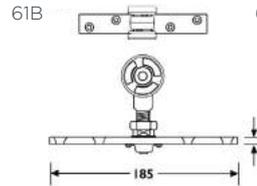
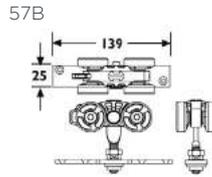
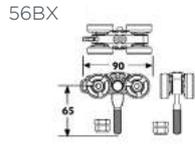
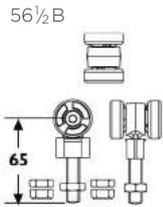
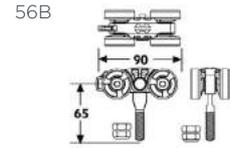
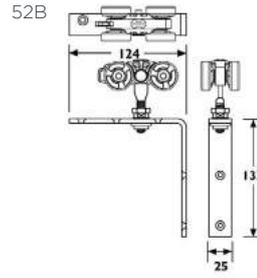
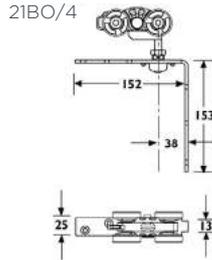
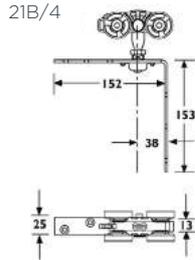
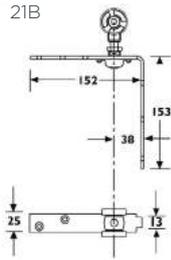
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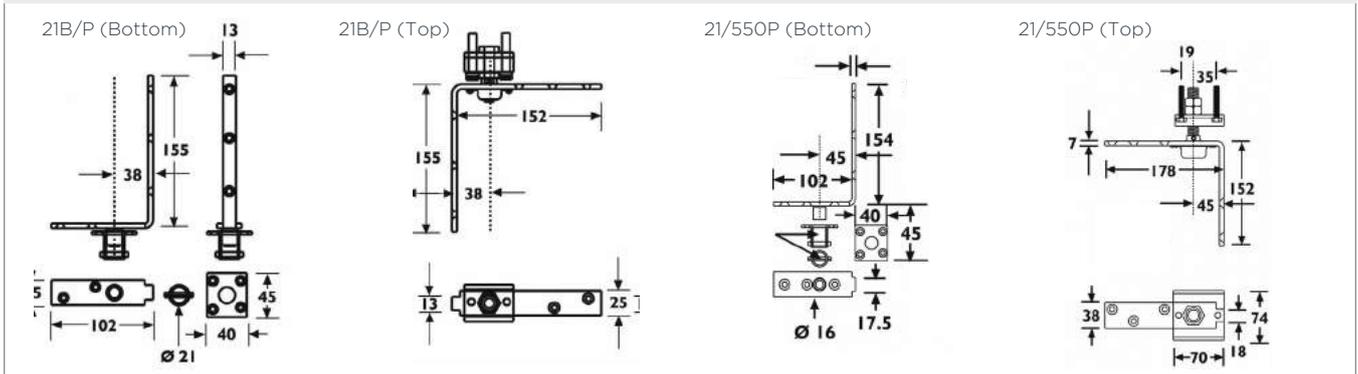
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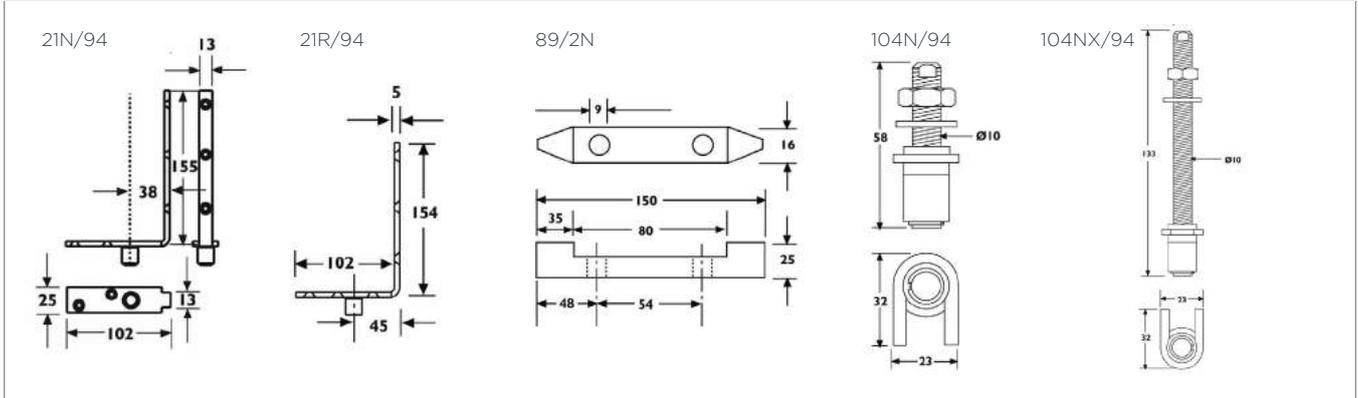
Hanger Drawings



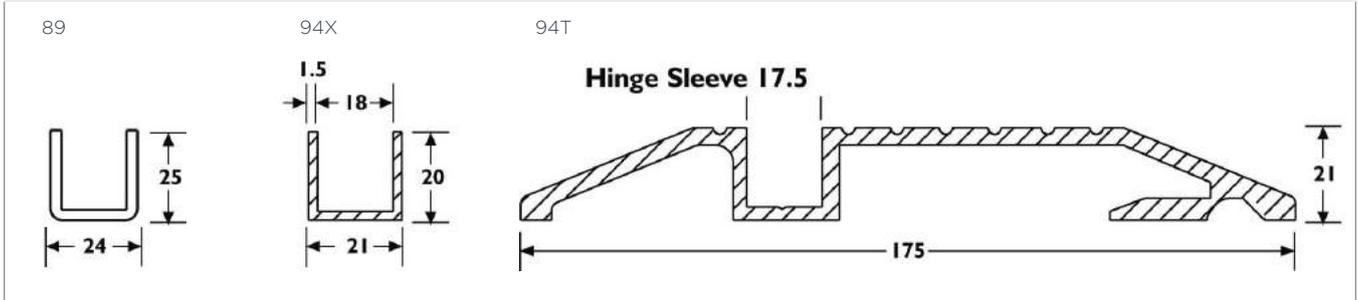
Pivot Set Drawings



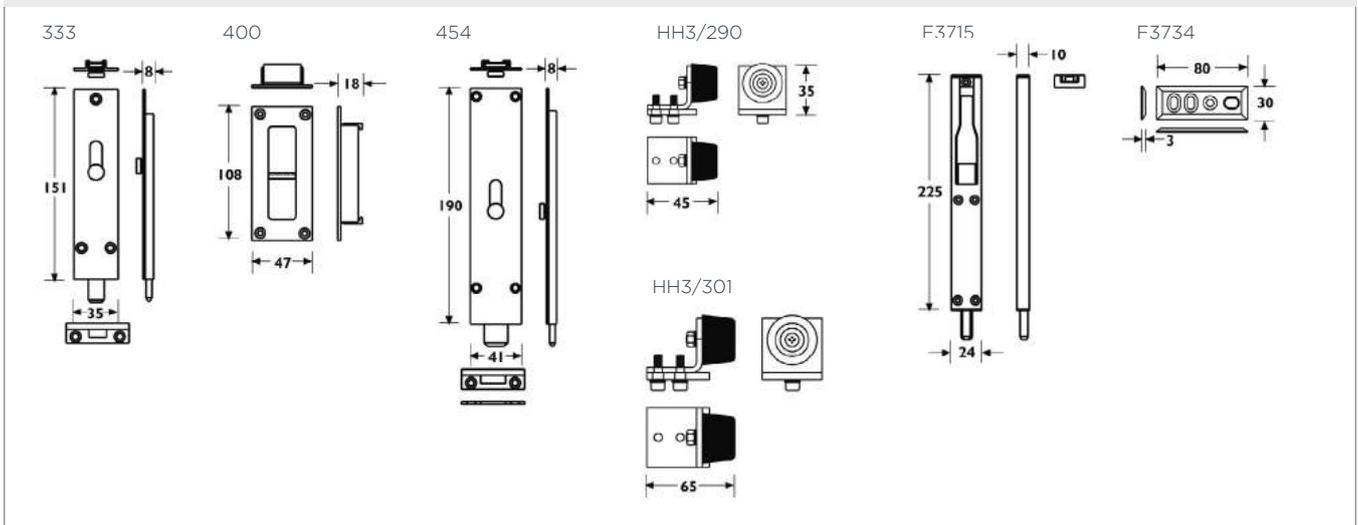
Guide Drawings



Guide Channel Drawings



Accessories and Stops



Industrial Component Drawings

Detailed drawings and dimensions of our range of industrial tracks, brackets, hangers, channels and rails.

Industrial products include:

- College Centrefold
- College Endfold
- Council Centrefold
- Council Endfold
- Majestic
- Mansion
- Overhead Runway Gear
- Sterling
- Straight Sliding
- Tangent Folding
- Tangent Round the Corner

Industrial Track Drawings

All of our industrial tracks are in a galvanised finish excluding the 307 track which is zinc plated. Once installed, the tracks require minimal maintenance but should always be kept greased in order to reduce general wear and tear and to obtain the most optimum lifespan for the product. Any length of track can be obtained by simply putting sections of track together and fixing together with a jointing bracket, complete with end clips or closed brackets at each end.

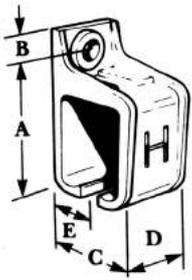
Dimensions (mm)			
Track	A	B	C
280	29	32	1.2
290	45	36	2
301	66	55	2
301H	66	55	3
305	93	57	3
307	104	73	5

Available Track Lengths	
Track	Length
280, 290, 301, 301H and 305 Track	2000, 2500, 3000, 4000 and 6000mm
307 Track	2000, 2500 and 3000mm

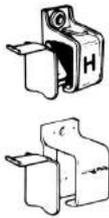
Industrial Bracket Drawings

All brackets are aluminium alloy die cast except where indicated with a suffix /S in the short code e.g. 1/301/S which are zinc plated steel. Ensure that closed brackets are fitted with an end-clip at track ends. Joining brackets are required at each track joint and maximum bracket spacing is every 900mm.

Face Fixed

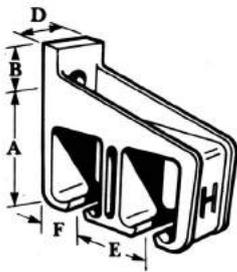


1 and 1A						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
1A/290	67	13	52	32	27	M8
1/290/S	75	13	55	60	27	M8
1A/301	97	19	73	57	35	M12
1/301/S	95	16	69	60	37	M12
1A/305	140	25	85	76	38	M16
1/307/S	159	24	91	75	45	M16

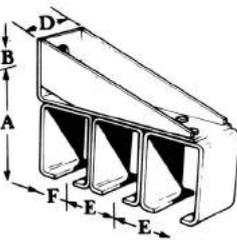


Note: Bracket End Clips 1A/290EC and 1A/301EC can be used in order to convert brackets 1, 1A, 3A, 4A, 5, 5AA and 6/301 to closed brackets (290, 301 and 301H formats only).

1/301/S steel bracket also accepts the 1A/301EC end clips.



5						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
5/290	80	20	38	54	27	M12
5/301	110	33	57	79	39	M16
5/305	155	38	75	92	48	M20
5/307/S	192	26	102	91	45	M20

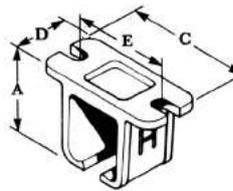


7						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
7/301/S	116	38	60	66	40	M16

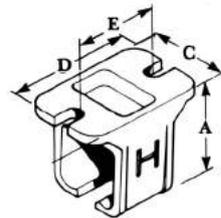


9 and 9A						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
9A/290	43	16	70	24	51	14G Screw
9/301/S	65	12	125	38	89	18G Screw
9/305/S	84	38	160	59	130	M12
9/307/S	84	50	184	69	140	M16

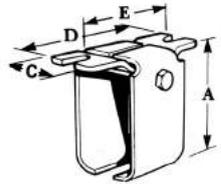
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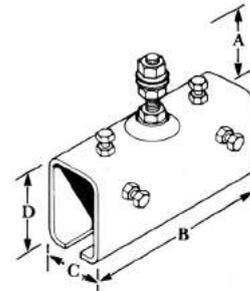
3 and 3A						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
3A/290	56	-	83	32	64	M8
3A/301	86	-	130	57	100	M12
3/301/S	88	-	130	57	97	M12
3A/305	121	-	168	75	125	M16
3/307/S	158	-	184	90	140	M16



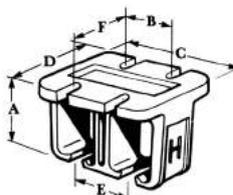
4 and 4A						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
4A/290	67	-	48	75	60	M8
4A/301	95	-	75	117	95	M12
4A/305	137	-	83	190	130	M16
4/307/S	158	-	91	184	140	M16



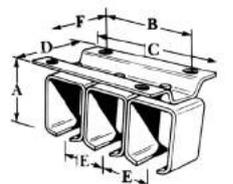
4/301/S						
Short Code	Dimensions					Bolt
	A	B	C	D	E	
4A/301/S	94	-	45	117	95	M12



4R						
Short Code	Dimensions					Bolt
	A	B	C	D		
4R/290/S	46	30	44	53		M10
4R/301/S	66	57	65	78		M12
4R/305/S	68	75	71	107		5/8White
4RX/301TS	70	145	64	70		M12



6							
Short Code	Dimensions					Bolt	
	A	B	C	D	F		
6/301	95	79	152	127	79	92	M10

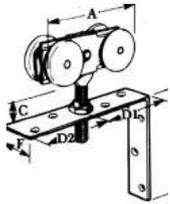


8							
Short Code	Dimensions					Bolt	
	A	B	C	D	F		
8/301/S	98	127	178	118	66	92	M12

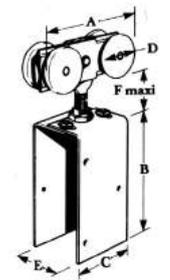
Industrial Hanger Drawings

Our range of industrial hangers include both nylon wheeled (/N) and steel wheeled (/S) variants. Nylon wheels are more quiet and do not require the track to be greased, therefore allowing for a greater carrying capacity. For automatic doors, please half the carrying capacity and use nylon wheels if possible. Note: Door weight capacities are per pair of hangers.

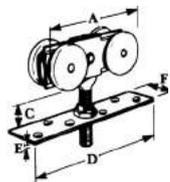
Wood Doors



		52						
Track	Hanger Short Code	Dimensions						Max. Door Weight
		A	C	D1	D2	E	F	
290	52K/N							150kg
	52K/S	87	31	77	51	134	25	150kg
	52K/S 200							200kg
301 & 301H	52A/S	142	57	102	127	165	38	300kg
	52A/N							450kg
305	52C/S	161	61	102	127	165	38	700kg

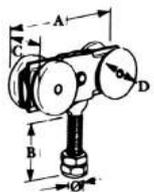


		53						
Track	Hanger Short Code	Dimensions						Max. Door Weight
		A	B	C	D	E	F	
290	53K/N							150kg
	53K/S	87	95	57	37	35-48	30	150kg
	53K/S 200							200kg
301	53A/S	142	178	76	56	43-57	71	300kg
	53A/N							400kg
301H	53A/S	142	178	76	56	43-57	71	360kg
	53A/N							450kg
305	53C/S	161	178	76	75	43-57	71	700kg
307	53FJ/S	215	390	65	88	60	94	2000kg



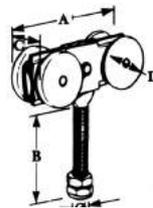
		57						
Track	Hanger Short Code	Dimensions						Max. Door Weight
		A	C	D	E	F		
290	57K/N							150kg
	57K/S 200	87	31	140	5	25		200kg
301	57A/S	142	57	184	6	38		300kg
301H	57A/N	142	57	184	6	38		450kg
305	57C/S	161	61	184	6	38		700kg

Metal Doors



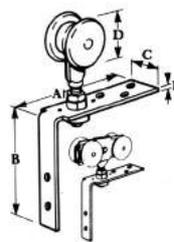
		56						
Track	Hanger Short Code	Dimensions						Max. Door Weight
		A	B	C	D	øD		
290	56K/N							150kg
	56K/S	87	32	27	37	10		150kg
	56K/S 200							200kg
301	56A/S	142	70	42	56	16		300kg
	56A/N							400kg
301H	56A/S	142	70	42	56	16		360kg
	56A/N							450kg
305	56C/S	161	70	42	75	16		700kg
307	56FJ/S	215	86	55	88	20		2000kg

Metal Doors

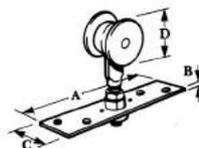


		56x						
Track	Hanger Short Code	Dimensions						Max. Door Weight
		A	B	C	D	øD		
290	56KX/N	87	110	27	37	10		150kg
	56KX/S							200kg
301	56AX/S	142	146	42	56	16		300kg
	56AX/N							400kg
301H	56AX/S	142	146	42	56	16		360kg
	56AX/N							450kg
305	56CX/S	161	146	42	75	16		700kg
307	56FJX/S	215	140	55	88	20		2000kg

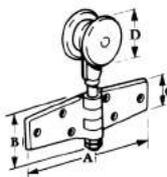
Folding Doors



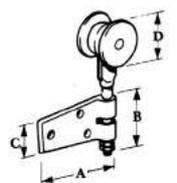
		21					
Track	Hanger Short Code	Dimensions					Max. Door Weight
		A	B	C	D	E	
290	21K/S						
	21K/N	153	153	25	37	5	
	21K/4N						
301	21A/S	178	153	38	56	6	
301H	21A/4S						
305	21C/S	178	153	38	56	6	



		61				
Track	Hanger Short Code	Dimensions				Max. Door Weight
		A	B	C	D	
290	62K/S	140	5	25	37	
301 and 301H	61A/S	184	6	38	56	
305	61C/S	184	6	38	75	

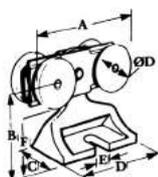


		62				
Track	Hanger Short Code	Dimensions				Max. Door Weight
		A	B	C	D	
290	62K	180	77	45	37	
301 & 301H	62A	180	77	45	56	
305	62C	540	104	51	75	



		63				
Track	Hanger Short Code	Dimensions				Max. Door Weight
		A	B	C	D	
290	63K	90	77	45	37	
301 & 301H	63A	90	77	45	56	
305	63C	203	104	51	75	

Fire Doors

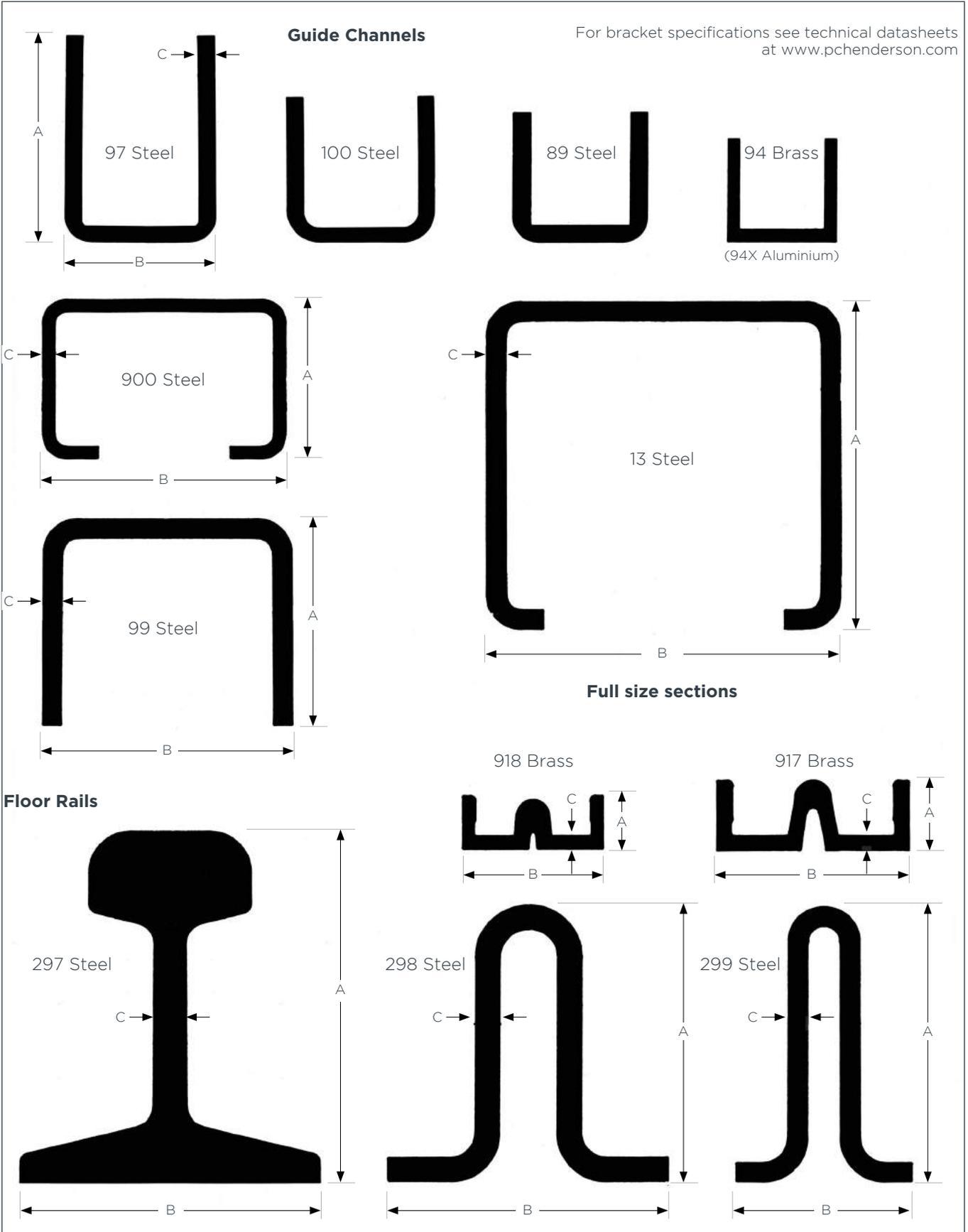


		56F							
Track	Hanger Short Code	Dimensions						Max. Door Weight	
		A	B	C	D	øD	E		F
301	56AF/S	142	70	45	50	56	16	42	300kg
301 & 301H	56AF/S	142	70	45	50	56	16	42	400kg
305	56CF/S	161	89	45	83	75	17	51	700kg

Industrial Channel and Rail Drawings

Dimensions (mm)

Component	89	94	97	100	900	99	13	917	918	297	298	299
A	25	20	38	27	29	38	60	13	10	65	51	51
B	24	21	27	27	45	46	65	35	25	55	51	32
C	3	1.5	3	3	2	3	3	2	2	7	4	3



Stainless Steel Component Drawings

For areas exposed to extreme levels of corrosive elements or where a high level of hygiene is essential, P C Henderson has developed a stainless steel range. Manufactured from high quality stainless steel and incorporating the latest polymers, the range can be used for a variety of applications including chemical factories, oil rigs, abattoirs, cold storage, food processing plants and areas exposed to salt water.

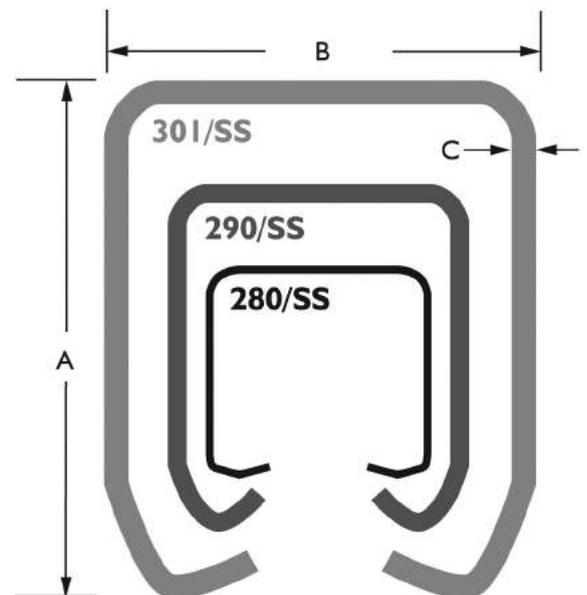
Stainless Steel product information can be found on pages 54 and 55.

Stainless Steel Track, Guide Channel and Guide Drawings

Track

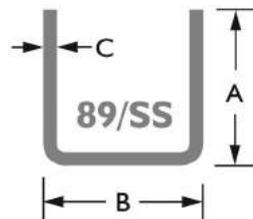
Track	Dimensions (mm)			Capacities for Straight Sliding Doors		
	A	B	C	Door Thickness	Max. Door Height	Max. Door Weight
280/SS	28.5	31.7	1	20 - 50mm	2400mm	50/100kg
290/SS	45	39	1.5	35 - 48mm	3000mm	150kg
301/SS	68	56	2.5	43 - 57mm	3600mm	270kg

All track and channels are made out of grade 316L (A4) stainless steel and supplied in 2000 or 3000mm lengths.



Channel

Channel	Dimensions (mm)		
	A	B	C
89/SS	20.5	20	1.5



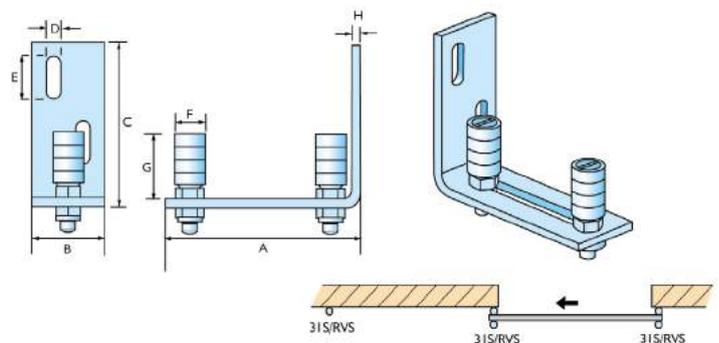
Guides and guide channels are essential for stability, safety and functioning of the system.

Guides

31S/SS

Made with grade 316 (A4) stainless steel angle with horizontal adjustable nylon guiding wheels on grade 304 (A2) stainless steel bolts. This guide provides unhindered access and is suitable for applications where dirt might enter the guide channel and hinder sliding.

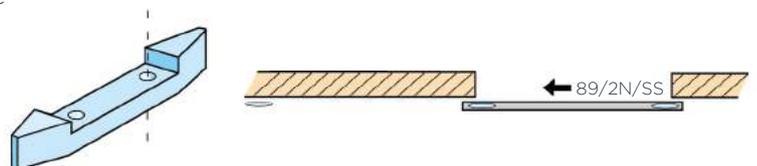
Dimensions (mm)							
A	B	C	D	E	F	G	H
135	50	115	11	25	22	60	4



89/2N/SS

Torpedo guide to be used in conjunction with 89/SS guide channel rebated in door or fixed to underside of door.

Dimensions (mm)							
A	B	C	D	E	F	G	H
9	16	150	80	35	48	54	25



Stainless Steel Bracket and Stop Drawings

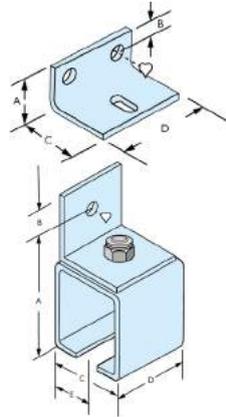
The centre-to-centre distance of the brackets can vary depending on track length. Recommended spacing is 600mm and in case of maximum load 500mm.

Joining brackets are required at each track joint, the letter X indicates the joining bracket.

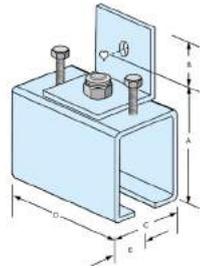
It is recommended, should the stainless steel brackets or track be fitted directly to a material which is not of stainless steel, that a packing be placed between the two surfaces to avoid possible contact corrosion. All brackets are made in marine grade 316 (A4) stainless steel, all nuts and bolts in grade 304 (A2) stainless steel.

Face Fixed Brackets

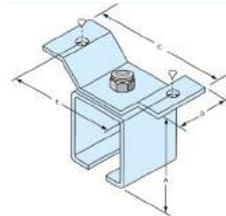
1/SS						
Short Code	Dimensions (mm)					Bolt
	A	B	C	D	E	
281/SS	20	7	28	40	-	M5
1/290/SS	86	20	50	42	25	M8
1/301/SS	110	27	66	66	33	M10



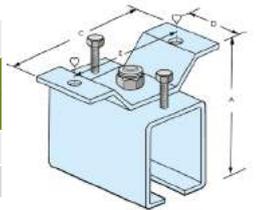
1X/SS						
Short Code	Dimensions (mm)					Bolt
	A	B	C	D	E	
1X/290/SS	86	20	50	100	25	M8
1X/301/SS	110	27	66	113	33	M10



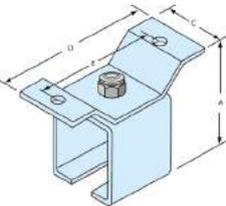
3/SS						
Short Code	Dimensions (mm)					Bolt
	A	B	C	D	E	
3/290/SS	76	-	88	40	65	M8
3/301/SS	99	-	136	60	106	M10



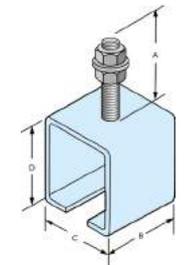
3X/SS							
Short Code	Dimensions (mm)					Bolt	
	A	B	C	D	E		F
3X/290/SS	76	-	88	40	65	-	M8
3X/301/SS	99	-	136	60	106	-	M10



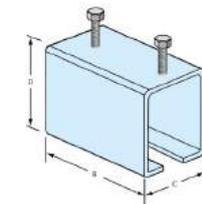
4/SS						
Short Code	Dimensions (mm)					Bolt
	A	B	C	D	E	
4/290/SS	76	-	40	88	65	M8
4/301/SS	99	-	60	136	106	M10



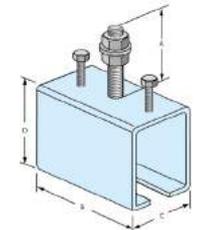
4R/SS						
Short Code	Dimensions (mm)				Bolt	
	A	B	C	D		
4R/280/SS	50	50	37	39	M8	
4R/290/SS	50	42	50	56	M10	
4R/301/SS	65	66	66	80	M10	



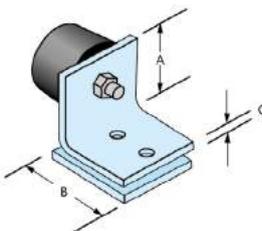
4X/SS						
Short Code	Dimensions (mm)				Bolt	
	A	B	C	D		
4X/290/SS	-	100	50	56	M10	
4X/301/SS	-	113	66	80	M12	



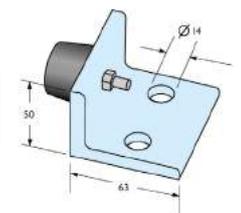
4RX/SS						
Short Code	Dimensions (mm)				Bolt	
	A	B	C	D		
4RX/280/SS	50	50	37	39	M8	
4RX/290/SS	50	100	50	56	M10	
4RX/301/SS	65	113	66	80	M12	



HH3/SS			
Short Code	Dimensions (mm)		
	A	B	C
HH3/290/SS	40	40	5
HH3/301/SS	40	40	5



109/SS			
Short Code	Dimensions (mm)		
	A	B	C
109/SS	63	50	14

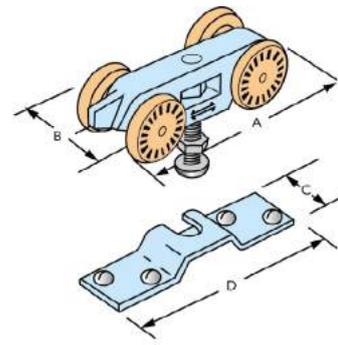


Stainless Steel Hanger Drawings

284 and 285

Short Code	Track Type	Door Material	Dimensions (mm)					Max. Door Weight*
			A	B	C	D	ø	
284N/SS	280	Wood	62.5	27.5	21	80	8	50kg
285N/SS	280	Metal	62.5	27.5	-	-	8	50kg
284/SS	280	Wood	62.5	27.5	21	80	8	100kg
285/SS	280	Metal	62.5	27.5	-	-	8	100kg

Hanger body and wheels of high performance nylon. All metal components in grade 304 (A2) stainless steel.

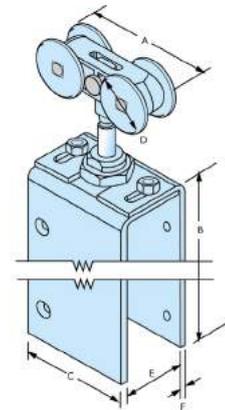


53

Short Code	Track Type	Door Material	Dimensions (mm)						Max. Door Weight*
			A	B	C	D	E	F	
53/290/SS**	290	Wood	87	180	77	37	43/58	3	150kg
53/301/SS***	301	Wood	135	180	77	49.5	43/53	3	270kg

** Hanger body of high performance nylon. All other components in grade 304 (A2) stainless steel

*** Complete in grade 304 (A2) stainless steel

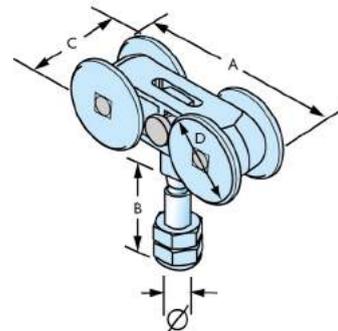


56

Short Code	Track Type	Door Material	Dimensions (mm)					Max. Door Weight*
			A	B	C	D	ø	
56/290/SS**	290	Metal	87	40	30	37	M10	150kg
56/301/SS***	301	Metal	135	78	43	49.5	M16	270kg

**Hanger body of high performance nylon. All other components in grade 304 (A2) stainless steel

*** Complete in grade 304 (A2) stainless steel

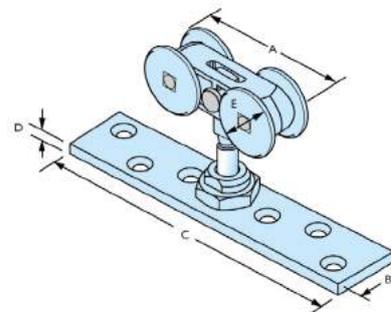


57

Short Code	Track Type	Door Material	Dimensions (mm)					Max. Door Weight*
			A	B	C	D	E	
57/290/SS**	290	Wood	87	39	187	3	37	150kg
57/301/SS***	301	Wood	135	39	187	3	49.5	270kg

**Hanger body of high performance nylon. All other components in grade 304 (A2) stainless steel

*** Complete in grade 304 (A2) stainless steel



*The maximum weight of each door carried by two hangers

Accessories

Enhance your sliding or folding door hardware system by choosing from our wide range of accessories

SOFT CLOSE KITS

Allows doors to gently decelerate into position.



Rustic Soft Stop

For use with Rustic 80, can be installed onto new or existing applications

Short code: R80SOFT

SIMULTANEOUS ACTION KITS

A great addition for bi-parting doors, pull one door open and the other one will open and close simultaneously.



Husky 100 Simultaneous Action Kit

For use with existing or new Husky 100 and Pocket Door products

Short code: SIM100

SELF CLOSING DOOR KITS

Doors will automatically self-close after opening



Easyclose Self Door Closer

Pneumatic door closer for sliding doors weighing up to 100kg

Short code: SC100



Marathon Self Closing Door Kit

For use on doors weighing up to 60kg in conjunction with any Marathon kit

Short code: SCK1

FLUSH PULLS AND FINGER PULLS



26P
White plastic,
ø40mm (w) x 10mm (d)



385SA
Round, satin



414
Rectangular, aluminium
self coloured, 133mm
(h) x 60mm (w) x
23mm (d)



144B
Black oval, 144mm (h) x
44mm (w)



385PB
Round, polished brass



144S
Satin oval, 144mm (h) x
44mm (w)



400
Rectangular, SAA,
108mm (h) x 48mm (w) x
20mm (d)

FOR GLASS



27
Aluminium for Zenith,
ø29mm overall, ø22mm
cutting detail



380SA
Satin, for edge of door



400SS
Rectangular, stainless
steel, 100mm (h) x
48mm (w) x 14mm (d)



380PB
Polished brass, for edge
of door



413
Heavy duty, zinc plated,
cast iron, 152mm (h) x
95mm (w)

HANDLES



463
Zinc plated, cast iron, 159mm (h) x
46mm (w)



464
Zinc plated, cast iron, 261mm (h) x
62mm (w)



SF10G
PVD gold, for folding doors, 118mm (h) x
16mm (w) x 45mm (d)



DHAN/L* D Handle
Locking handle for Imperial Patio Kit,
available in black, chrome, gold, satin or
white



SF10S
Satin, for folding doors, 118mm (h) x
16mm (w) x 45mm (d)



DHAN/NL* D Handle
Non locking handle for Imperial Patio Kit,
available in black, chrome, gold, satin or
white



SF10C
Chrome, for folding doors, 118mm (h) x
16mm (w) x 45mm (d)



CREST/S Crest Handle
For use with Twinbolt



SF10B
Black, for folding doors, 118mm (h) x
16mm (w) x 45mm (d)

*Replace with first letter of required colour for full short code

FLUSH BOLTS LOCKING AND NON LOCKING



333
Non locking, satin anodised aluminium, 151mm (h) x 35mm (w)



454
Non locking, satin anodised aluminium, 190mm (h) x 41mm (w)



FB110S
Non locking, 110mm high, suitable for interior



SF190#
Non locking, 190mm, available in gold, chrome satin or black



SF190L#
Lockable flush bolt, 190mm, available in gold, chrome, satin or black



SF600#
Non locking, 600mm, available in gold, chrome, satin or black



SF450#
Non locking, 450mm, available in gold, chrome, satin or black



SF450L#
Lockable flush bolt, 450mm, available in gold, chrome, satin or black



SF600L#
Lockable flush bolt, 600mm, available in gold, chrome, satin or black

TWINBOLT



TB/SF* Twinbolt**
Locking system for use with Securefold and Securefold Bottom Rolling. Top and bottom throw rods are operated by one simple turn to engage two points of locking.



CREST/S Handle
Crest handle for use with Twinbolt



TBCS**
Routing cover strip for use with Twinbolt

*** For Securefold Top Hung Non Mortice use short code TB/SF; For Securefold Top Hung Mortice use short code TB/SFM; For Securefold Bottom Rolling Non Mortice use short code TB/SFBR; For Securefold Bottom Rolling Mortice use short code TB/SFMBR; For Securefold 150 use short code TB/SF150

** For black use code TBCSBL; for white use code TBCSWH; for brown use code TBCSBR

LOCKS



390SA
Satin, for 30 - 38mm thick doors



390PB
Gold, for 30 - 38mm thick doors



430
Detachable locking bar for use with a padlock



431
Swivel locking bar for use with a padlock



395SA
Satin, for 40 - 48mm thick doors



395PB
Gold, for 40 - 48mm thick doors

FOR GLASS DOORS



507
Cylinder lock to fit on the left or right hand edge of Zenith glass panel

DOOR STOPS



103
Floor mounted



107
Zinc plated steel, double rubber buffers,
floor or wall mounted



107E
Rubber buffer



109
Zinc plated steel, rubber buffer, floor or
wall mounted



110N
White nylon, rubber buffer



28P
White nylon

TRACK STOPS



287
For Husky Sliding



287SS
For Stainless Steel 280



HH3/290
With rubber buffer for Straight Sliding
290 and Pacer track



HH3/290SS
Stainless steel with rubber buffer for
Stainless Steel 290



HH3/301
With rubber buffer for Straight Sliding
301 and Flexirol track



HH3/301SS
Stainless steel with rubber buffer, for
Stainless Steel 301



HH4/SS
Stainless steel with rubber buffer for
Soltaire 120 track



HH5/SS
Stainless steel with rubber buffer for
Soltaire 180 and 250 track

CLIP STOPS



601H
For Husky Sliding



601P
For Pacer Sliding

DOOR MAGNETS



MAG/B
Black magnet set for between doors



MAG/C
Chrome magnet set for between doors



MAG/G
Gold magnet set for between doors



MAG/S
Satin magnet set for between doors



SWMAG/B
Black magnet set for swing door



SWMAG/C
Chrome magnet set for swing door



SWMAG/G
Gold magnet set for swing door



SWMAG/S
Satin magnet set for swing door

BOLTS



994
Bolt with electro galvanised steel shoots and guides with socket for concrete when required



994R/89
Galvanised steel roller guide bolt 380mm for 89 channel



994X
Offset bolt with zinc galvanised steel shoot & guides with socket for concrete



994R/97
Galvanised steel roller guide bolt 380mm for 96 channel



F3715
Surface fixed bolt in satin



F3734
Keep for F3715 bolt

FASCIA



F134/****
For Husky and Double Top. Available in 2000, 2500, 3000, 4000 and 6100mm



F200/****
For Pacer face fixed track. In 2000, 2500, 3000, 3500, 4000 and 6100mm lengths.



F134/ECP
End cap pack for use with F134 Fascia



F200/ECP End Cap Pack
End cap pack for use with F200 Fascia



F138/****
For doors up to 25mm thick. In 1500, 2000, 2500, 3000, 4000 and 6100mm



FOR GLASS DOORS

F136/****
For Husky Glass. Available in 1800, 2000, 2500, 3000 and 4000mm lengths



F138/ECP
End cap pack for use with F138 fascia.



F136/ECP
End cap pack for use with F136 Fascia



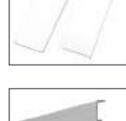
F140/****
For Husky aluminium track, face fixing. Available in 2000, 3000, 4000 and 6000mm lengths.



F200X/****
For Pacer Glass face fixed track. Available in 2000, 2500, 3000, 3500 and 6100mm lengths



F140ECP
End cap pack for use with F140 Fascia



F200/ECP
End cap pack for use with F200X Fascia.



F160/****
For use with Pacer soffit fixed track. Available in 2000, 2500, 3000, 4000 and 6100mm lengths.



F160/ECP
End cap pack for use with F160 Fascia

AUTOMATIC DOOR ACCESSORIES



E2/RCK
Remote Control Kit - includes a single channel remote control and one wireless receiver control panel



ER/*
Radar Motion Sensor - available in black (ER/B), white (ER/W) or aluminium (ER/S) *Replace with first letter of required colour for full short code

Global leaders in
the design and
manufacture of
hardware systems
for sliding and
folding doors



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