



Intumex® LXP - Fire prevention seal

General

Intumex® LXP is a graphite based intumescent seal with a starting temperature of approx. 190°C and is characterised by its high flexibility and is available in different colours.

Area of application

Intumex® LXP is an intumescent seal for timber and metal doors.

Properties

- ⇒ Reduction of waste
- ⇒ Resistant to humidity and atmospheric influences
- ⇒ Free of organic solvents

Technical Data

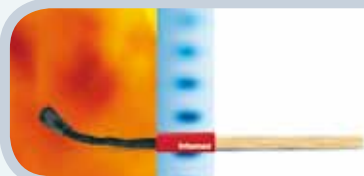
Colour	Surface: white, red and black
Appearance	Highly flexible seal
Density	1.3 ±0.15g/cm ³
Weight	2.2 ±0.20kg/m ²
Reaction to fire	B2, normal combustible
Expansion temperature	Approx. 190°C
Expansion ratio	minimum 4.5 – 6.0mm/g (30min, 550°C, loaded)
Expansion pressure	minimum 0.2 – 0.6N/mm ² (300°C)
Thorn flexibility	20mm (20°C)
Humidity resistance	Insoluble / hygroscopic (no effect on fire performance)

Above indicated data of expansion ratio and pressure are taken from the DIBT building material approval. The actual expansion ratio as well as the generated expansion pressure are essentially depending on the fire test of the assembly and also on the joint dimensions of the construction itself.

Test certificate / Approval

- ⇒ on request





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Packaging

- ⇒ Product variations: LXPSK – intumescent seal with coloured surface and self adhesive foil = standard
- ⇒ Thickness: 2.0mm including self adhesive foil (tolerances: ± 0.18mm without protective liner)
- ⇒ Coil dimensions: width: 10 to 200mm (tolerances width: +0.1/-0.5mm)
length: 50m: up to 14mm width or
100m: over 15mm width
(Carton core – diameter 150mm)
- ⇒ Packaging: in bulk on pallet

Other product dimensions and variations on request!

Subject to change!

Storage requirements

- ⇒ Store in cool and dry conditions
- ⇒ Protect from frost and heat
- ⇒ Product variations with self adhesive foil are stockable up to 12 months

Safety instructions

- ⇒ Keep out of reach of children
- ⇒ Avoid contact with food or beverages
- ⇒ Please refer to the safety data sheet for additional advice