



## Intumex® LFC - Fire prevention seal

### General

Intumex® LFC is a flexible, graphite based intumescent seal with a starting temperature of approx. 190°C.

### Area of Application

Intumex® LFC is an intumescent seal for door and window constructions as well as for frame backfill material.

### Properties

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

### Technical Data

Colour	Anthracite grey
Appearance	Flexible seal
Density	1.15 ±0.20g/cm <sup>3</sup>
Weight	2.0 mm thickness: 2.2 ±0.3kg/m <sup>2</sup>
Reaction to fire	B2, normal combustible
Expansion temperature	approx. 190°C
Expansion ratio	Minimum 1:15 (30 minutes, 550°C, loaded)
Expansion pressure	Minimum 0.4 N/mm <sup>2</sup> (300°C)
Thorn flexibility	20mm (20°C)
Humidity resistance	Insoluble / hygroscopic (no effect on fire performance)



### Packaging

- ⇒ Product variations: LFCSK – intumescent seal with self adhesive foil = standard
- ⇒ Thickness: 1.2mm and 2.0mm including self adhesive foil (tolerances: 1.2mm: +0.2/-0mm; 2.0mm: ± 0,18 mm 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