

## 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

Intumex® products must be applied in accordance with EU directives and national regulations for construction material in general, and fire stopping in particular, with the applicable national test certificates and approvals, and in accordance with applicable national building regulations. Products may only be applied by trained professionals with adequate knowledge of and experience in the use of fire stopping products, and only after a thorough review of the installation guidelines, the safety data sheets, and the national test certificates and approvals. All the relevant documents can be obtained free-of-charge by contacting Intumex® or from your local dealer via telephone or in writing; in addition all installation guidelines and the safety data sheets can be downloaded free-of-charge from the Intumex® website (see [www.intumex.at](http://www.intumex.at)). For Non-European Union countries separate guidelines are relevant. If required please contact Intumex®.