

# PROMASEAL®-LX/-LXP



### Product description

PROMASEAL®-LX/-LXP is a graphite-based fire protection seal that intumesces above approx. 190 °C. It is characterised by its processing flexibility.

PROMASEAL®-LXP is available in different colours (red, black, white).

### Properties

- Resistant to atmospheric effects (light, heat, frost, UV radiation, humidity<sup>(1)</sup>)
- Free from organic solvents
- Available in different surface colours

### Technical data

Colour	-LX	Anthracite grey
	-LXP	White, red, black
Reaction to fire	Class	B-s1, d0 (basic version)
Use category <sup>(1)</sup>	Class	X
Ageing <sup>(2)</sup>	Years	33
Expansion temperature	°C	approx. 190
Thickness (tolerance)	mm	1.8 (±0.3)
Weight (tolerance)	kg/m <sup>2</sup>	2.2 (±0.4)
Expansion factor (tolerance)	Loaded	1:14 - 1:24 (1:9 - 1:35)
Expansion pressure (tolerance)	N/mm <sup>2</sup>	0.5 - 1.10 (>0.5)

**(1)**The fire protection properties according to TR 024: 2009 are not impaired by weathering, however, direct influence from humidity can lead to optical and fastening impairments. We therefore recommend that you do not expose the product to permanent direct moisture. **(2)** Accelerated ageing test with subsequent fire test according to EN 1363-1.

### Delivery forms

ROLLS		-LXSK	-LXPSK
Thickness (self-adhesive or decorative surface)	mm	2.00	2.00
Width (tolerance) x Length	mm	9-14 (+0.1/-0.5) x 50 m roll /	
	mm	≥15 (+0.1/-0.5) x 100 m roll	
Packaging		Single or cardboard box	

### Type abbreviations

LX	Basic version of fire protection laminate
LXSK	Fire protection seal with self-adhesive <b>Total thickness: LX 1.8 mm + self-adhesive 0.2 mm</b>
LXPSK	Fire protection seal, decorative surface (black, red or white) and self-adhesive <b>Total thickness: LXP 1.8 mm + self-adhesive 0.2 mm</b>

## PROMASEAL<sup>®</sup>-LX/-LXP

### Areas of application

Intumescent seal for door and gate construction as well as for glazing.

### Handling

PROMASEAL<sup>®</sup>-LX/-LXP is cut to the desired dimension using standard cutting tools.

### Storage

- Storage temperature: 3 °C - 35 °C
- Store in dry rooms
- Variants with self-adhesive can be stored for up to 12 months

### Test certificates and approvals

- UL R 19385 Vol. 2
- DoP No. 0761-CPR-18/0199-2018/8
- EN 45545-2:2013

### Safety instructions

Please refer to the safety information sheet for additional advice.