

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⁽¹⁾)
- 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 ⁽¹⁾ | Class | X |
| Ageing ⁽²⁾ | Years | 33 |
| Expansion temperature | °C | approx. 190 |
| Thickness (tolerance) | mm | 1.8 (±0.3) |
| Weight (tolerance) | kg/m ² | 2.2 (±0.4) |
| Expansion factor (tolerance) | Loaded | 1:14 - 1:24 (1:9 - 1:35) |
| Expansion pressure (tolerance) | N/mm ² | 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 Total thickness: LX 1.8 mm + self-adhesive 0.2 mm |
| LXPSK | Fire protection seal, decorative surface (black, red or white) and self-adhesive Total thickness: LXP 1.8 mm + self-adhesive 0.2 mm |

PROMASEAL[®]-LX/-LXP

Areas of application

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

Handling

PROMASEAL[®]-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.

All specified technical data are mean values from the production which are subject to the usual fluctuations and do not represent guaranteed properties in the sense of a guarantee. All information corresponds to the current state of the art and has been presented and described to the best of our knowledge. Changes due to new findings are possible, errors and misprints are not excluded. With regard to any liability, our delivery and payment terms apply exclusively. Request safety datasheet. With the publication of this edition, all previously published datasheets are invalid.

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