



## E501a.lv

Product Data Sheet 2017-01



FireWin

# Knauf Fire protection silicone - FPS

## Product description

Knauf Fire protection silicone - FPS is elastic RTV-1 Silicone (Room Temperature Vulcanization, 1 Part, Oxime system), with non-halogen fire protection additives.

### Storage

Store dry in the original containers at + 5 °C to + 30 °C 12 months at 23 °C / 50 % RAH, see imprint on cartridge for expiry date

### Method of delivery

Knauf Fire protection silicone - FPS, 310 ml (cartridge), article no. 586148

## Scope of application

Knauf Fire protection silicone - FPS is characterised by excellent processing qualities and a high level of stability. Knauf Fire protection silicone - FPS can be used as sealing system for linear joint and gap seals with minor and significant movement capability up to fire resistance classification EI 180 and as cable penetration seal up to fire resistance classification EI 120.

## Properties


- Fast, easy and cost-effective firestop systems in indoor and outdoor areas
- Fire protection joint with movement capability 25 %
- Weatherproof and UV resistant
- Temperature resistant up to -20°C
- Fire resistance up to EI180
- EAD 350454-00-1104 and EAD 350141-00-1104

| Technical details   |  |
|---|--|
| Approval:   | ETA 18/0105 and ETA 17/0778  |
| Classification of the reaction to fire in accordance with DIN EN 13501-1: | Class E  |
| Classification in accordance with DIN EN ISO 11600:                       | ISO 11600-F-20 LM  |
| Bulk density:   | $\rho = 1000 \text{ kg/m}^3$ to $1300 \text{ kg/m}^3$  |
| Testing the fire protection properties under environmental influences:    | Use category x (product for use in outdoor areas, as well as indoor areas, also in areas with exposure to weather) |
| Colour:   | Cement grey  |
| Application temperature:  | + 5 °C to + 30 °C  |
| Skin formation time:  | Approx. 10 minutes (at 23 °C and 50 % rel. humidity)   |
| Viscosity:  | Pasty, non-sag   |
| Hardening:  | Approx. 2 mm in 24 hours (at 23 °C and 50 % rel. humidity)   |
| Chemical basis:   | RTV-1 silicone (oxime system) with halogen-free fire protection agents   |

## Safety

Contains a mixture of butanone oxime silanes and butanone oxime. Can cause allergic reactions. Please observe the EC Safety Data Sheet.

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