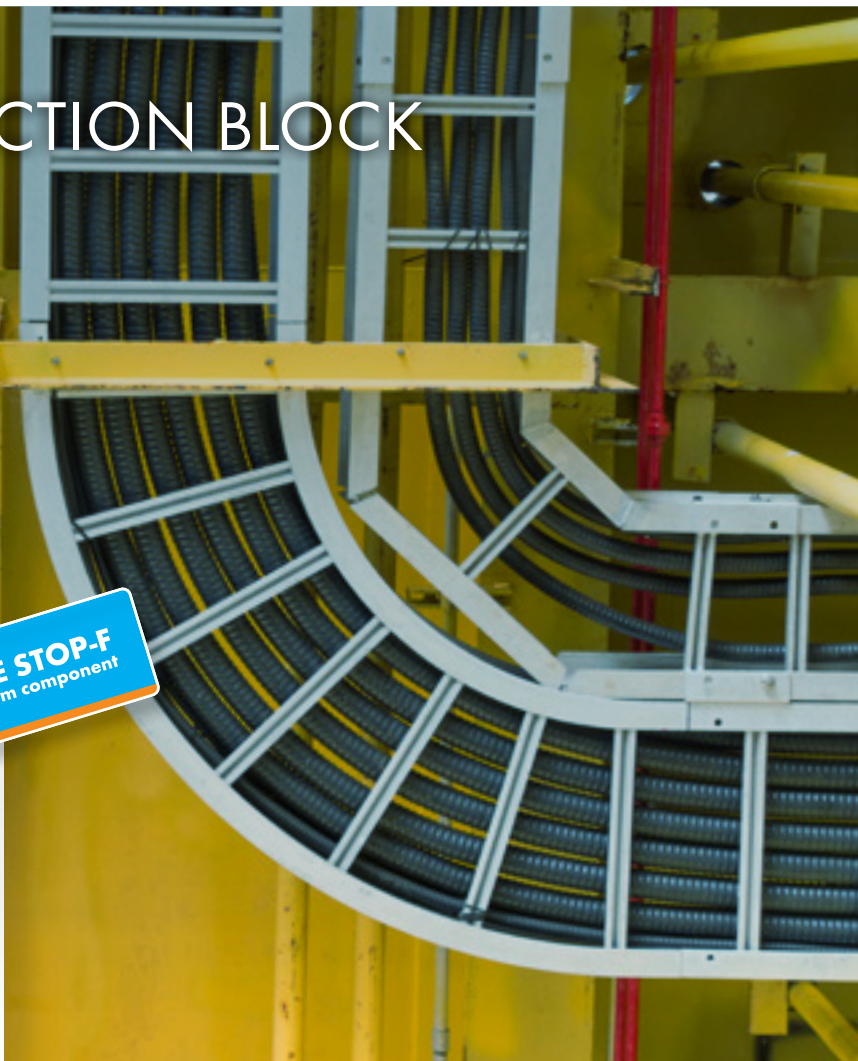


KNAUF FIRE PROTECTION BLOCK

2



FIRE STOP-F
system component



Knauf Fire protection block - FPB is a soft, flexible moulded foam part that is used in the Knauf Firestop system - F, and as a filling block for free areas without penetrating installations in the Knauf Fire protection foam FPF.

Method of delivery

- › Knauf Fire protection Block FPB - 1 (1 pcs), article no. 586162
- › Knauf Fire protection Block FPB - 4 (4 pcs), article no. 586522

TECHNICAL DETAILS	
Approval	ETA-11/0206 and ETA-10/0431
Classification of the reaction to fire in accordance with DIN EN 13501-1	Class E
Color	Red-brown
Bulk density	$\rho = 240 \text{ kg/m}^3$ to 300 kg/m^3
Dimensions	144 mm x 60 mm x 200 mm (B x H x L)
Testing the fire protection properties under environmental influences	Use category Z1 (use in indoor areas with high humidity and temperatures $\geq 0 \text{ }^\circ\text{C}$)
Air permeability	Q600 = $6.61 \text{ m}^3/(\text{h} \cdot \text{m}^2)$ (at 600 Pa differential pressure) Test standard: EN 1026 (test specimen dimensions 355 x 550 x 200 [mm], tested without penetrating elements)
Resistance to static differential pressure	Pmax = 3700 Pa Test standard: in accordance with EN 12211 (test specimen dimensions 355 x 550 x 200 [mm], tested without penetrating elements)
Thermal conductivity	$\lambda = 0.103 \text{ W}/(\text{m} \cdot \text{K})$ Test standard: DIN EN 12667
Airborne sound insulation	Dn,e,w (C;Ctr) = 68 (- 4; - 11) dB Test standard: EN ISO 717-1 (test specimen dimensions 360 x 360 x 200 [mm], tested without penetrating elements)
Surface Resistivity	$R_s = 2 \times 10^9 \Omega$ Test standard: BGR 132:2003 (2.6), DIN IEC 60167
Microbial metabolic potential	Inert, fungistatic or bacteriostatic Test standard: DIN EN ISO 846
Continuous contact or ambient temperature	$\leq 80 \text{ }^\circ\text{C}$

Storage

Store dry in the original packaging.
Storage temperature: + 5°C to + 30°C

Scope of application

Knauf Fire protection block - FPB can be used as mixed penetration seal to EI 120 for rigid walls, rigid floors and flexible walls. Through penetration firestop system for electrical cables, telecommunication cables and optical fibre cables, conduits, as well as flammable and non-flammable pipes.

Properties

- Easy, fast and clean application
- Low air leakage through penetration
- Low thermal conductivity
- High airborne sound insulation
- Fire resistance up to EI 120
- Certified according to ETAG 026-2

Influence of coating materials and chemicals

The following paints and occasional, brief influence of chemicals do not cause any changes in the technical fire safety properties:

Coating materials: Dispersion paint, alkyd resin paint, polyurethane acrylic lacquer, epoxy resin lacquer, silicone

Solvent/oil: Trichloroethylene, xylene, acetone, white spirit, butyl acetate, butanol

Gaseous chemicals: Ammonia

Note: Environmental conditions with high humidity levels and/or some coating materials and chemicals can cause minor lightening of the color or changes in color.

Contact with metals and plastics

The surface consistency of aluminum, stainless steel, galvanized steel and plastics made of polyethylene and polyvinyl chloride is not affected in a negative way upon contact with Knauf Fire protection block FPB.

Safety

Please observe the EC Safety Data Sheet.