

KERAFIX® FLEXPAN 200

Building Material classification B2 according to DIN 4102-1

Classification E according to DIN EN 13501-1

General building approval Z-19. 11-1369

European technical approval ETA-12/0152

Product Description

Kerafix® Flexpan 200 is a stable intumescent material based on exfoliated graphite which has excellent expansion and thermal properties. Kerafix® Flexpan 200 is a reliable construction material for standard fire rated applications.

Benefits

- Forms stable char
- Solid flexible roll material
- activation temperature 170°C with expansion up to 32 : 1
- Halogen free



Areas of Application:

Fire doors – steel & aluminium, door seals, facades, construction joints, inspection doors, lock cases, door hinges, safety cabinets, control cabinets, downlights, drywall construction, inspection flaps, movement joints, ceiling constructions, double floors, pipe ducts, fire rated glazing and any gap requiring a fire seal

Technical Data

Composition	Halogen free based on expandable graphite
Material Structure	Solid but flexible
Raw density (kg/m ³)	Ca. 1100
Start of expansion temperature	From 170°C
Expansion ratio	17.5 to 32 (450°C 30min without load)
Direction of action	Three dimensional
Forming inflatable body	Soft, coherent material
Expansion pressure (N/mm ²)	0.65 to 1.20 (300°C, method 4)
Thermal conductivity (W/mK)	0.423 (at 10°C)
Colour	Anthracite grey

Standard Forms – can be supplied with and without adhesive

Lengths	supplied in rolls of 25 and 50m, can also be supplied in strips and sheets
Widths	up to 320mm
Thickness	1.5mm and 2mm (Other thicknesses available on request)

Other variants as follows:

- one sided laminated with PVC in standard colours (red, black and white) - for other colours please ask
- one sided laminated with glass fibre mesh

Cut shapes also available

Special formats available on request

This technical information complies with the current state of our experience
The user must verify the products suitability for a particular application prior to use