

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 application.



Benefits

- Forms stable char
- Solid flexible roll material
- activation temperature 170 °C with expansion 28 : 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	28 : 1 (450°C 30min without load)
Direction of action	Three dimensional
Expansion pressure (N/mm ²)	At least 0.4
Thermal conductivity (W/mK)	0.955
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 1.0mm to 3mm

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
- one sided laminated with textile tape

Cut shapes also available

Special formats available on request