

KERAFIX® FLEXPRESS 100

Building Material classification B2 according to DIN 4102-1
Classification E according to DIN EN 13501-1
General building approval Z-19. 11-1488
European technical approval ETA-13/0109

Product Description

Kerafix® Flexpress 100 is a flexible intumescent material based on exfoliated graphite which has excellent expansion and thermal properties.



Benefits

- Early activation temperature 140°C with expansion 22 to 35 : 1
- Forms stable char
- Solid flexible roll material
- Halogen free

Areas of Application :

Fire doors – wood, steel & aluminium, glazing facades, construction joints, safe boxes, drywall construction, inspection flaps, separating walls and ceiling constructions, pipe ducts, component grooves, heat insulations elements, fire protection flaps 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)	1315 (±10%)
Start of expansion temperature	From 140°C
Expansion ratio	22 to 35 : 1 (450°C 30min without load)
Direction of action	Three dimensional
Expansion pressure (N/mm ²)	At least 0.55 (value at 300°C)
Thermal conductivity (W/mK)	0.615
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 0.8mm 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