

## KERAFIX® FLEXTREM 100

**Building Material classification B2 according to DIN 4102-1**  
**Classification E according to DIN EN 13501-1**  
**General building approval Z-19. 11-1652**  
**European technical approval ETA-13/0116**

### Product Description

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

### Benefits

- Forms stable char up to 52:1
- 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 according to LAR or MLAR, 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 <sup>3</sup> )	1370 [ (±10%) at 1.0mm]
Start of expansion temperature	From 200°C
Expansion ratio	37 to 52 : 1 (450°C 30min without load)
Direction of action	Three dimensional
Expansion pressure (N/mm <sup>2</sup> )	At least 0.75
Thermal conductivity (W/mK)	0.770
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 2.0mm

### 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