

## 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 <sup>3</sup> )	Ca. 1100
Start of expansion temperature	From 170 <sup>0</sup> C
Expansion ratio	28 : 1 (450 <sup>0</sup> C 30min without load)
Direction of action	Three dimensional
Expansion pressure (N/mm <sup>2</sup> )	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