

## KERAFIX® FLEXPREMIUM H

### Classification E according to DIN EN 13501-1 European technical approval ETA-18/0538

#### Product Description

Kerafix® Flexpremium H is a flexible intumescent material based on exfoliated graphite. In the case of fire Kerafix® Flexpremium H will expand and create a pressure resistant and solid foam char. In most cases, Kerafix® Flexpremium H is insensitive to moisture.



#### Benefits

- Forms stable char
- Firm flexible roll material
- Activation temperature 175°C with expansion up to 26.2 : 1
- 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, cable insulation, component grooves, heat insulations elements, fire protection flaps, gas stop valves, pneumatic drives and any gap requiring a fire seal

#### Technical Data

Composition	Halogen free based on expandable graphite
Material Structure	Firm but flexible
Raw density (kg/m <sup>3</sup> )	1300 (±100)
Start of expansion temperature	From approx. 175°C
Expansion ratio	17.4 to 26.2 : 1 (550°C 30min with load)
Direction of action	Three dimensional
Expansion pressure (N/mm <sup>2</sup> )	1.01 to 1.68 (300°C, method 4)
Thermal Conductivity	0.303 (at 10°C)
Colour	Anthracite grey

#### Standard Forms – can be supplied with and without adhesive

Lengths	supplied in rolls of 25m and 50m
Widths	up to 320mm
Thickness	1.5mm to 2mm (other thicknesses available on request)

#### Standard Variant

Kerafix® Flexpremium H without additional lamination

#### Other variants as follows:

- One sided laminated with PVC foil in standard colours (red, black and white) - for other colours please ask
- Completely encapsulated with PVC foil.

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