

KERAFIX® FLEXpremium H

Reactive Materials

Description

KERAFIX® FLEXpremium H is a flexible, intumescent material on the basis of expandable graphite, which expands under high pressure when heat is applied.

Special feature:

In case of fire it will expand into a highly pressure-resistant and stable mass.

KERAFIX® FLEXpremium H is in most cases insensitive to moisture

Classification E (normal combustibility) in accordance with DIN EN 13501-1

Application Areas

- Ships & offshore
- Fire protection doors of wood, steel or aluminium, glazing, facades, safety storage cabinets, safes
- In drywall construction: inspection flaps, separating walls and floor constructions
- Pipe and cable insulation, gas stop valves, pneumatic drives



Delivery & Packaging

KERAFIX® FLEXpremium H	
Standard lengths	25 000 mm and 50 000 mm
Widths	up to 320 mm (widths > 320 mm on request)
Standard thicknesses	1.5 mm and 2.0 mm (special thicknesses available on request)
Design variants	<ul style="list-style-type: none">• single-sided adhesive• single-sided lamination with PVC foil
The cut formats (lengths × widths) are manufactured on the basis of the general tolerance DIN ISO 2768-1-c.	

Please contact us for further information:

☎ +49 4105-40 90-14

✉ transportation@svt.de

KERAFIX[®]
FLEXpremium H

Technical Data

Composition	halogen free, expanding construction material on the basis of expandable graphite
Material structure	firm, flexible roll material
Bulk density [kg/m³]	1300 (±100)
Start of reaction [°C]	from approx. 175
Expansion rate [x times]	17.4 to 26.2 (550 °C; 30 min.; with superimposed load)
Direction of action	three-dimensional
Expanding body	solid, stable mass
Expansion pressure [N/mm²]	1.01 bis 1.68 (300 °C, method 4)
Thermal conductivity [W/m·K]	0.303 (at 10 °C)
Colour	black standard film and sheeting colours for variant DF: red, black and white. More colours on request.
Safety information	Please observe the safety data sheet.
Certificates	European Technical Assessment ETA-18/0538