

Kerafix® Flexpower H

Classification E (normal flammability) according to
DIN EN 13501-1

European Technical Assessment ETA-17/0984



Product Description

Kerafix® Flexpower H is a flexible, intumescent material that foams up under pressure with thermal influence. Special feature: In case of fire it will foam up and create a pressure-resistant and solid foam body.

Application Areas

- Fire protection doors from wood, steel or aluminium
- Glazing
- Façades
- Safety cabinets, safes
- In drywall construction: Inspection flaps, separating walls and ceiling constructions
- Component grooves, heat insulation elements
- Pipe sealings and cable insulation
- Gas stop valve, pneumatic drives

Technical Data

Composition:	Halogen free, foaming construction material on the basis of foaming graphite
Material structure:	Firm, flexible roll material
Raw density [kg/m³]:	ca. 1300
Start of reaction [°C]:	From approx. 175
Foaming rate [x-times]:	ca. 20
Direction of action:	Three-dimensional
Foaming pressure [N/mm²]:	At least 1,2
Thermal conductivity:	$\lambda_{10}=0,303$ W/mK

Executed Variants

Kerafix® Flexpower H without additional lamination

Variant DF:	One-sided laminated with PVC-foil in different colors
Variant E:	Completely encapsulated with PVC-foil

Standard colours for ceiling foils and sheeting: Red, black and white; more colours upon request.

Supplied Forms

Standard lengths:	25000 mm and 50000 mm
Widths:	Up to 320 mm
Thicknesses:	1,5 mm to 2,0 mm

Special formats are available on request. The product is manufactured on the basis of the general tolerance DIN 7715-5 for moulded parts, and for strips and rolled goods it is manufactured on the basis of the general tolerance DIN 2768-1. Please observe our information for processing and the safety data sheet!

Note

The information in this brochure is based on our knowledge and experience to date. This information does not release the user from carrying out independent tests and trials due to the various influences when processing and applying our product. It is not possible to derive a guarantee of certain properties or suitability of the product in a concrete application case based on our information. All the descriptions, drawings, photographs, data, conditions, weights etc. included may change without previous announcement; they do not constitute the contractually agreed property of the product. The recipient of our product is responsible to observe any trade mark rights and existing laws and regulations. Adhesive bonds are to be applied according to DIN 2304.