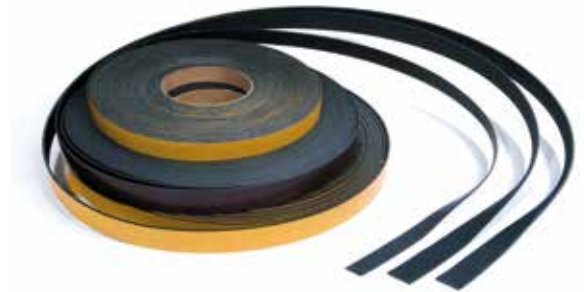


Material of building material classification B2 (normal flammability) according to DIN 4102-1  
Classification E (normal flammability) according to DIN EN 13501-1

General building approval Z-19.11-1652  
European technical approval ETA-17/0958

### Product Description

KERAFIX® Flextrem 100 is a flexible, intumescent material on the basis of exfoliated graphite that foams up under high pressure with thermal influence. Special features:  
Voluminous foam is created in case of fire.



### Application Areas

- Fire protection doors from wood, steel or aluminium
- Special application areas of fire protection doors, e.g. box staples insulations and hinges
- Safety cabinets, control cabinets
- In drywall construction: Inspection flaps, separating walls and ceiling constructions
- Component joints
- Fire protection flaps

### Technical Data

Composition:	Foaming construction material on the basis of foaming graphite
Material structure:	Firm, flexible roll material
Raw density [kg/m <sup>3</sup> ]:	1370 [(± 10 %) at 1,0 mm]
Start of reaction [°C]:	From ca. 200
Foaming rate [x-times]:	37 to 52-times (450 °C; 30 min; without load)
Direction of action:	Three-dimensional
Forming inflatable body:	Voluminous material
Foaming pressure [N/mm <sup>2</sup> ]:	At least 0,75
Thermal conductivity [W/mK]:	0,770

### Executed Variants

KERAFIX® Flextrem 100 without additional lamination

Variant SK:	One-sided adhesive
Variant DF:	One-sided laminated with PVC-foil in different colors

*Further variants on request.*

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

*All variants – cut formats or formed parts (according to DIN 7715-5) may be equipped with various adhesive tapes.*

### Supplied Forms

Standard lengths:	25000 mm and 50000 mm
Widths:	Up to 320 mm
Standard thicknesses:	1,5 mm and 2,0 mm (Special thicknesses available on request)

*Special formats are available on request. The product is manufactured on the basis of the general tolerance DIN ISO 2768-1. Please observe our safety data sheet!*

### Note

NoteThe 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.