

## Kerafix® Flexpan 200 NG-A

Classification E (normally flammable) according to DIN EN 13501-1

European technical approval ETA-15/0719

### Product Description

Kerafix® Flexpan 200 NG-A is a high quality, intumescent material for the highest demands. Special feature: a stable foam body that swells when exposed to heat and is insensitive to moisture.

### Application Areas

- Fire doors made of steel or aluminum
- Special areas of application, for example lock case insulation and door hinges
- Facades
- Safety cabinets, control cabinets
- In dry construction: Inspection openings, partition walls, and ceiling constructions
- Gaps
- Door frames

### Technical Data

Composition:	Halogen-free, foaming building materials based on expandable graphite
Material structure:	Firm roll material
Raw density [kg/m <sup>3</sup> ]:	1100 to 1300
Start of reaction [°C]:	From ca. 180
Foaming rate [x-times]:	30-times (450 °C; 30 min; without load)
Direction of action:	Three-dimensional
Forming inflatable body:	Soft, coherent material
Foaming pressure [N/mm <sup>2</sup> ]:	At least 1.0
Thermal conductivity [ $\lambda_{10}$ ]:	0.247 W/mK

### Executed Variants

Kerafix® Flexpan 200 NG-A without additional lamination

Variant DF:	One-sided laminated with PVC-foil in different colors
Variant GG:	One-sided laminated with glass fibre mesh
Variant GW:	One-sided laminated with textile tape

*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
Thicknesses:	1.5 mm, 2.0 mm, 2.5 mm, 3.0 mm

*Special formats are available on request. The product is manufactured on the basis of the general tolerance DIN ISO 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.

