

Classification E (normal flammability) according to DIN EN 13501-1
European Technical Assessment ETA-15/0719

Product Description

KERAFIX® Flexpan 200 NG-A is a high quality, intumescent material for the highest demands.

Special features: a stable, swelling body as well as resistance to moisture in most cases



Application Areas

- Fire protection doors of wood, steel or aluminium
- Special application areas of doors, e. g. lock case insulations and hinges
- Facades
- Safety storage cabinets, control cabinets
- In drywall construction: inspection flaps, separating wall and floor constructions
- Gaps
- Door frames

Technical Data

Composition:	halogen free, expanding construction material on the basis of expandable graphite
Material structure:	firm roll material
Bulk density [kg/m³]:	1100 to 1300
Start of reaction [°C]:	from approx. 175
Expansion rate [x times]:	22 to 37 (450 °C; 30 min.; without load)
Direction of action:	three-dimensional
Expanding body:	soft, coherent mass
Expansion pressure [N/mm²]:	0.6 to 1.3 (300 °C, method 4)
Thermal conductivity [W/mK]:	0.247 (at 10 °C)

Design Variants

KERAFIX® Flexpan 200 NG-A without additional lamination

Variant SK: single-sided adhesive

Variant DF: single-sided lamination with PVC foil in different colours

Further variants on request.

Standard colours for films and sheeting: red, black and white; more colours on request.

Supply Formats

Standard lengths: 25 000 mm and 50 000 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 cut formats (lengths x widths) are manufactured on the basis of the general tolerance DIN ISO 2768-1-c. The formed parts and stamped parts are manufactured on the basis of the general tolerance DIN 7715-5-p2. Please observe 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 trademark rights and existing laws and regulations.