KERAFIX® Flexpan 200 SP

ROLFKUHNGMBH
member of svt group

Classification E (normal flammability) according to DIN EN 13501-1
European Technical Assessment ETA-12/0152

Product Description

KERAFIX® Flexpan 200 SP is a flexible, intumescent material on the basis of expandable graphite, which expands with pressure when heat is applied.
Special feature: late start of reaction at approx. 220 °C. The material is especially suitable for constructions with subsequent powder coating.

Application Areas

- Fire protection doors of steel or aluminium
- Constructions with subsequent powder varnishing
- Frames, door panels
- In drywall construction: separating wall constructions and double floors

Technical Data

Composition:	halogen free, expanding construction material on the basis of expandable graphite
Material structure:	flexible roll material
Bulk density [kg/m³]:	approx. 1200 [(± 10 %) at 0.9 mm]
Start of reaction [°C]:	from approx. 220
Expansion rate [x times]:	14.5 to 24.5 (450 °C; 30 min.; without load)
Direction of action:	three-dimensional
Expanding body:	soft, coherent mass
Expansion pressure [N/mm²]:	0.60 to 0.95 (300 °C, method 4)
Thermal conductivity [W/mK]:	0.452 (at 10 °C)

Design Variants

KERAFIX® Flexpan 200 SP 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
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

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