

## KERAFIX® Flexpress 100

### Reactive materials

#### Description

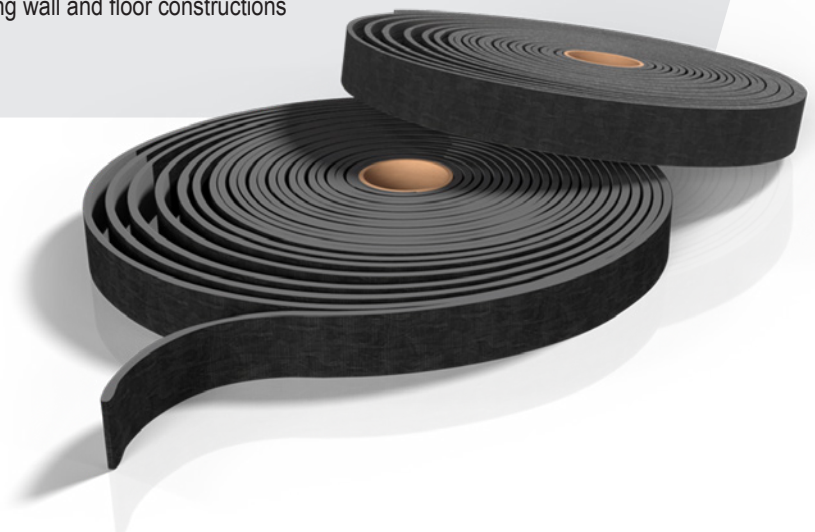
KERAFIX® Flexpress 100 is a flexible, intumescent material on the basis of expandable graphite, which expands with high pressure when heat is applied.

Special feature: early start of reaction at approximately 140 °C.

Classification E (normal combustibility) in accordance with DIN EN 13501-1

#### Application Areas

- Ships & offshore
- Fire protection doors of wood, steel or aluminium, glazing, facades
- Safety storage cabinets, control cabinets
- In drywall construction: inspection flaps, separating wall and floor constructions
- Component joints, heat insulation elements
- Fire protection flaps



#### Delivery & Packaging

KERAFIX® Flexpress 100	
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)
Design variants	<ul style="list-style-type: none"> <li>• without additional lamination</li> <li>• single-sided adhesive</li> <li>• single-sided lamination with PVC foil</li> </ul>

KERAFIX® Flexpress 100 is available as rolls or strips. The cut formats (lengths × 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 contact us for further information:

+49 4105-40 90-14

transportation@svt.de

## KERAFIX® Flexpress 100

### Technical Data

Composition	halogen free, expanding construction material on the basis of expandable graphite
Material structure	firm roll material
Bulk density [kg/m³]	1315 (±10 %)
Start of reaction [°C]	from approx. 140
Expansion rate [x times]	22 to 35 (450 °C; 30 min.; without superimposed load)
Direction of action	three-dimensional
Expanding body	soft, coherent mass
Expansion pressure [N/mm²]	0.55 to 1.32 (300 °C, method 4)
Thermal conductivity [W/m·K]	0.452 (at 10 °C)
Colour	black standard cover foil and coating colours for variant DF: red, black and white. Other colours on request.
Safety information	Please observe the safety data sheet.
Certificates	European Technical Assessment ETA-17/0959