

Classification E (normal flammability) according to DIN EN 13501-1

General building approval Z-19.11-2092

Product Description

KERAFIX® Flexpress 300 is a flexible, intumescent material on the basis of exfoliated graphite that foams up under pressure with thermal influence.

Characteristic: Early start of reaction as well as insensitivity to moisture to the greatest possible extent.



Application Areas

- Façades
- Fire protection doors in tunnels
- Fire doors made of wood, steel or aluminium
- Glazings

Technical Data

Composition:	Foaming construction material on the basis of foaming graphite
Material structure:	Flexible roll material
Raw density [kg/m ³]:	1240 (±10 %)
Start of reaction [°C]:	From approx. 150
Foaming rate [x-times]:	20 to 35 times (450 °C; 30 min; without load)
Direction of action:	Three-dimensional
Forming inflatable body:	Soft, coherent material
Foaming pressure [N/mm ²]:	At least 0,4

Executed Variants

KERAFIX® Flexpress 300 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
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 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.

Corresponds to DIN 2304.