

Kerafix® Sosilit

Material of building material classification A2 (non flammable) according to DIN 4102-1

Product Description

Kerafix® Sosilit is a construction material that foams up in case of fire; it creates high foaming pressure during expansion. Kerafix® Sosilit begins to expand at low temperature and then forms thermally insulating foam.



Application Areas

- Fire protection doors from wood, steel or aluminium
- Safety cabinets, control cabinets
- Gas stop valves
- In drywall construction: Inspection flaps, separating walls and ceiling constructions
- Pneumatic drives / valves

Technical Data

Composition:	Halogen free, foaming construction material on the basis of silicate
Material structure:	Firm, flexible panel material
Raw density [kg/m ³]:	1400 [(± 10 %) at 2 mm]
Start of reaction [°C]:	Ca. 100
Foaming rate [x-times]:	10-times (350 °C; 30 Min; without load)
Direction of action:	Flat
Forming inflatable body:	Hard, compact, ceramic material
Foaming pressure [N/mm ²]:	At least 0,8

Executed Variants

Kerafix® Sosilit without additional lamination

Variant E:	Completely encapsulated with PVC-foil
Variant T:	Airtight sealed strips in aluminium-foil

Standard colours for sheathing: 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 dimension:	2100 mm x 1100 mm - 0,2 mm / + 0,3 mm
Thickness:	2,0 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.