

Classification E (normal combustibility) in accordance with DIN EN 13501-1
European Technical Assessment ETA-17/0815

Product Description

KERAFIX® Flexlit is a light, flexible fire protection material with embedded intumescent components. The material expands under thermal influence, forming a thermally insulating layer of low density.



Application Areas

- As winding material, e.g. for structural parts, tubes or cables
- For fillings, openings and hollow spaces
- As barrier against spreading of fire
- As glazing tape, e.g. for EL 60 fire protection glazing

Technical Data

Composition:	expanding construction material on the basis of vermiculite
Material structure:	light, flexible and compressible roll material
Bulk density [kg/m³]:	620 [(±10 %) at 5 mm]
Start of reaction [°C]:	from approx. 350
Expansion rate [x times]:	2 to 5.5 (400 °C; 30 min.; with superimposed load)
Direction of action:	three-dimensional
Expanding body:	soft, coherent material
Thermal conductivity [W/m·K]:	0.055 (at 10 °C)

Design Variants

KERAFIX® Flexlit without additional lamination

Variant SK: single-sided adhesive

Further variants on request.

Supply Formats

Lengths:	7620 mm
Widths:	10 mm to 1000 mm
Thicknesses:	2 mm and 5 mm

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 our information for processing and the safety data sheet, especially section 2.3.

Other Hazards

The product contains alumino silicate wool (RCF/ASW). A carcinogenic effect cannot be ruled out if RCF/ASW dust is inhaled. Avoid dust formation. Do not rub eyes – the product contains inorganic fillers, which irritate the eyes mechanically like other inert materials. Wear appropriate personal protective equipment. Please observe the ECFIA instructions, available on www.label.ecfia.eu

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.