

KERAFIX® Everseal NG-N L

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

European Technical Assessment ETA-17/0978

Product Description

KERAFIX® Everseal NG-N L (low) is an intumescent material on the basis of exfoliated graphite which develops a foamed body when heat is applied.

Application Areas

- Fire protection doors from wood, steel or aluminium
- Glazing, façades
- Safe boxes, safes
- Smoke protection doors

Features

The profile seals of KERAFIX® Everseal NG-N L (low) are completely foaming variants made of an intumescent material on the basis of exfoliated graphite, which develops a pressure-resistant foamed body when heat is applied. Thus, the products are able to seal gaps and joints in the case of a fire. Additionally, the material is solvent-free and halogen-free. KERAFIX® Everseal NG-N L (low) is mostly insensitive to humidity.

Technical Data

Composition:	Halogen-free, foaming building material on the basis of exfoliated graphite
Material structure:	Solid material
Raw density [kg/m ³]:	1050 (± 10 %)
Start of reaction [°C]:	ca. 175
Foaming rate [x-times]:	ca. 12 (450 °C; 30 min; without load)
Foaming pressure [N/mm ²]:	ca. 0.45
Thermal conductivity [W/mK]:	0,255 at 10 °C

Supplied Forms

Standard lengths: 1000, 2000, 3000 mm (Special lengths are available on request)
The profile seals are manufactured individually on request.

Execution Variants

KERAFIX® Everseal NG-N L without additional lamination
Variant SK: self-adhesive on one side
Variant DF: laminated with PVC-foil on one side, available in various colors
Standard colours for cover foils and coatings: red, black and white. Other colours on request.

Special Variant

KERAFIX® Everseal NG-CN L coextruding variant on the basis of exfoliated graphite with a non-foaming part (e.g. TPE basis)

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. Adhesive bonds are to be applied according to DIN 2304.

