

Classification E (normal combustibility) according to DIN EN 13501-1
European Technical Assessment ETA-17/0978

Product Description

The profile seals of KERAFIX® Everseal NG-N H (high) are completely expanding variants made of an intumescent material on the basis of expandable graphite, which expands to a pressure-resistant mass when heat is applied. Thus, the products are able to seal gaps and joints in the case of a fire.



Application Areas

- Fire protection doors made of wood, steel or aluminium
- Glazing, facades
- Safety storage cabinets, safes
- Smoke protection doors

Features

KERAFIX® Everseal NG-N H (high) is mostly insensitive to humidity.

Technical Data

Composition:	halogen-free, expanding building material on the basis of expandable graphite
Material structure:	solid material
Bulk density [kg/m³]:	1050 (± 10 %)
Start of reaction [°C]:	from approx. 175
Expansion rate [x times]:	9.8 to 21.6 (450 °C; 30 min.; without superimposed load)
Expansion pressure [N/mm²]:	0.463 to 0.816 (300 °C, method 4)

Supply Formats

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

Design Variants

KERAFIX® Everseal NG-N H without additional lamination

Variant SK: self-adhesive on one side

Variant DF: laminated with PVC-foil on one side, available in various colours

Standard colours for cover foils and coatings: red, black and white. Other colours on request.

Special Variant

KERAFIX® Everseal NG-CN H: coextruding variant on the basis of expandable graphite with a non-expanding 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 trademark rights and existing laws and regulations.