

Classification E (normal flammability) according to DIN EN 13501-1
General building approval Z-19.11-2068

Product Description

Profile seals of the KERAFIX® Everseal series are flexible seals with an intumescent proportion of 0–100 % on the basis of exfoliated graphite, developing to form a pressure-resistant foamed body.



Application Areas

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

Technical Data

Composition:	halogen free, foaming construction material on the basis of exfoliated graphite and TPE
Material structure:	soft and flexible
Raw density [kg/m³]:	980 (±10 %; measured over surface)
Start of reaction [°C]:	from approx. 180
Foaming rate [x times]:	3 to 6.5 (450 °C; 30 Min.; without load)
Direction of action:	three-dimensional
Forming inflatable body:	solid, stable material
Thermal conductivity [W/mK]:	0.166

Further Design Variants

Variant T N:	fully foaming variant on the basis of TPE
Variant T CN:	co-extruding variant on the basis of TPE with non-foaming ingredients
Variant T S:	fully non-foaming variant on the basis of TPE

Supply Formats

Standard lengths: 1000, 2000, 3000 mm (special lengths are available on request)

Profile seals are individually produced upon request.

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.