

KERAFIX® EVERSEAL T N

Classification E 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% based on exfoliated graphite. It develops to form a pressure resistant foamed body when exfoliated.

Benefits

- Activation temperature of 180°C with expansion 3 to 6.5:1
- Forms stable char
- Halogen free
- Individual profiles produced



Areas of Application

Fire doors – wood, steel & aluminium, glazing facades, safe boxes, smoke protection doors and any gap requiring a fire seal

Technical Data

Composition	Halogen free based on expandable graphite and TPE
Material Structure	Soft and flexible
Raw density (kg/m ³)	980 (± 10% measured over surface)
Start of expansion temperature	From 180°C
Expansion ratio	3 to 6.5 :1 (450°C 30min without load)
Direction of action	Three dimensional
Thermal conductivity (W/mK)	0.166
Forming inflatable body	Solid stable material
Colour	Anthracite grey

Standard forms

Kerafix® Everseal is supplied in lengths of 1,000mm, 2,000mm and 3,000mm (special lengths are available on request).

Variants:

- Variant T N fully foaming variant based on TPE
- Variant T CN Co-extruding variant based on TPE with non-foaming ingredients
- Variant T S Fully non foaming variant based on TPE

Profile seals are individually produced upon request