

FXL

Building Material classification B2 according to DIN 4102-1
Classification E according to DIN EN 13501-1
General building approval Z-19. 11-1661
European technical approval ETA-13/0665

Product Description

FXL is a stable intumescent material based on phosphate. The material expands pressure-free forming a firm and heat-resistant char.



Benefits

- Low pressure
- Solid flexible roll material
- Activation temperature 200 °C with expansion 35 to 42 : 1
- Halogen free



Areas of Application :

Fire doors – wood, steel & aluminium, door seals, glazing facades, rolling gates, lock cases, door hinges, safety cabinets, control cabinets, downlights, drywall construction, inspection flaps, movement joints, cable ducts, fire rated glazing etc.

Technical Data

Composition	Halogen free based on phosphate
Material Structure	Solid but flexible
Raw density (kg/m ³)	1300 (± 10%)
Start of expansion temperature	From 200°C
Expansion ratio	35 - 42 : 1 (400°C 30min without load)
Direction of action	Mainly across the surface
Expansion	Stable, finely porous, thermally insulating layer
Thermal conductivity (W/mK)	0.349
Colour	white

Standard Forms – can be supplied with and without adhesive

Lengths supplied in rolls of 25m, can also be supplied in strips and sheets
 Widths up to 320mm
 Thickness 1.0mm to 2mm

Other variants as follows:

- one sided laminated with PVC in standard colours (red, black and white) - for other colours please ask
- one sided laminated with textile tape

Cut shapes also available

Special formats available on request

This technical information complies with the current state of our experience
 The user must verify the products suitability for a particular application prior to use
 Oct 2016