

Flaton VPG 12

Fire protection board

Insulating layer forming for the fire and heat protection

Information

Description

The rex fire protection board flaton VPG 12 is a budget-priced, mainly inorganic self-intumescenting material, which expands if exposed to fire or heat. Thus a very efficient barrier against smoke, fire and heat is produced. flaton VPG 12 is very easy to handle and to install.

Applications

Fire resistant protection in joints, slits and other openings in building and construction parts. Operative ranges: Doors and gates, shutters, cabinet and dividing walls, safety cabinets, data and switch cabinets, line channels, ventilation flaps and other shut-off devices. Mainly stripes and lamellar forms of flaton VPG 12 are used, but also cut true to shape according to drawings.

Technical Data

Density:	approx. 700 kg/m ³
Thickness:	2 up to 3,5 mm
Begin of swelling:	at approx. 180 °C
Height of swelling:	≥ 4,5 fold at 2,5 mm thickness ≥ 6,5 fold at 3,5 mm thickness
Swelling pressure:	≥ 0,55 N/mm ² at 2,5 mm thickness ≥ 0,75 N/mm ² at 3,5 mm thickness
Swelling behaviour:	high inherent stability
Fire behaviour:	DIN 4102 Part 1, classification B2
Dripping behaviour:	no dripping
Moisture behaviour:	insensitive to moisture
Solvents:	fares resistant
Chemicals:	fares resistant
Approval by:	Institut für Bautechnik, Berlin Nr. Z-19.11-457

Availability

Standard dimension: 1000 x 1000 x 2,5 mm

Other dimensions, thicknesses from 2 to 3,5 mm, as well as stripes and cuttings according to drawing are available. Price upon request.

Laminations:

Standard: glass mesh (mesh size 5x5mm)

Other versions are available at extra cost depending on use or application.

- Self-adhesive equipment
- Aluminum-foil 0,05 / 0,1 mm
- Glass fabric approx. 440 g/m²; Glass cloth black or grey

Information, details, and data of our brochure are according to the best of our knowledge, if possible proved by tests and are for information only. We recommend tests according to your specific conditions. Be assured that our technical and commercial department will be at your service at all times.

10/2023