

FIRESHIELD

Fireshield

Product specification to be Fireshield by The A Proctor Group, Blairgowrie

Manufacturer

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Detailed Description

Vapour Permeable Walling Underlay to be used shall be Fireshield supplied by The A Proctor Group, Blairgowrie. Fireshield is a coated nonwoven fabric designed for use as a walling underlay. The specialist coating eliminates fire spread across the surface of the membrane and is fixed in the same manner as standard breather membranes using mechanical fixings.

Product

Product performance specification as follows:

Thickness

1.2mm

Roll Size

1.1m x 20m

Material

Polymer coated nonwoven film laminate

Certification

Minimum required: BBA in progress

Technical Properties

- Mass per unit area: to be no less than 720g/m²
- Water vapour resistance: to be no greater than $S_d = 0.08m$ when tested to EN12572
- Reaction to Fire: to be no worse than Class B-s1,d0 when tested to EN 13501-1
- Water Penetration: to be no less than Class W1 when tested to EN 13859-1
- Tensile Strength: to be no less than MD 300 N/50mm; CD 275 N/50mm when tested to EN 12311-1
- Nail Tear Resistance: to be no less than MD 180 N; CD 220 N when tested to EN 12310-1
- Elongation: to be no more than MD 2-3%; CD 2-3% when tested to EN 12311-1
- UV Resistance – exposure during construction: to be no less than 6 months

FIRESHIELD

Fireshield is the culmination of leading research to produce a vapour permeable membrane with a fire proof surface, which has a unique composition that actively reacts to prevent fire taking hold. The unique coating of Fireshield actively extinguishes fire rather than just resisting it, and significantly reduces the formation of droplets and smoke.

Fireshield is classified as Class B, s1 –d0 according to the Euroclass system, which classifies the reaction to fire performance of building products. The performance of Fireshield is in advance of the requirements of the current classification grading.

Fireshield complies with BS5250, BS4016 and NHBC requirements for vapour permeable walling underlays. It is installed and fixed to the substrate in the same manner as standard breather membranes using mechanical fixings. Applications include both commercial and residential buildings including apartments and student accommodation, as well as rainscreen cladding and applications in multiple storey buildings.

Benefits

- Unique composition eliminates fire spread
- Vapour permeable walling underlay for use either directly onto sheathing or insulation
- Class B,s1-d) but performs differently to other similar class products
- Complies with BS 5250, BS4016 & NHBC requirement for vapour permeable walling underlays
- Ideal for use in rainscreen/façade construction
- Suitable for applications over 18m high

Product Reference [Fireshield](#)
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