

# 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 intumescent coating helps protect the substrate by reducing the risk of fire taking hold and significantly reduces the formation of droplets and smoke.

### Product

Product performance specification as follows:

#### Thickness

1.2mm

#### Roll Size

1.1m x 20m

#### Material

Polymer coated nonwoven film laminate

#### Certification

Minimum required: Minimum required: BBA - Certificate Number 19/5653

### Technical Properties

- Mass per unit area: to be no less than 720g/m<sup>2</sup>
- 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 more than 6 months

# FIRESHIELD

Fireshield is a vapour permeable walling underlay with an intumescent coated surface. Fireshield is suitable for all walling applications including those in multiple storey buildings. The intumescent coating helps protect the substrate by reducing the risk of fire taking hold and significantly reduces the formation of droplets and smoke. It is installed and fixed to the substrate in the same manner as standard breather membranes using mechanical fixings.

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-d0 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
- BBA Certified : Certificate Number 19/5653

Product Reference     [Fireshield](#)  
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