

Fireshield®

DESCRIPTION

Fireshield is a vapour permeable walling underlay with a fire proof surface. Fireshield is suitable for all walling applications including those in multiple storey buildings. Its unique coating doesn't just resist fire, but eliminates fire spread. It is installed and fixed to the substrate in the same manner as standard breather membranes using mechanical fixings.

PHYSICAL PROPERTIES

Property	Test Method	Mean Results
Roll Size	-	1.1m x 20m
Weight	EN 1849-2	737g/m ²
Thickness	EN 1849-2	1.2mm
Nail Tear Resistance	EN 12310-1	MD 273N CD 330N
Resistance to water penetration	EN 13859-1	Class W1
Tensile Strength	EN 12311-1	MD 300N/5cm CD 275N/5cm
Elongation	EN 12311-1	MD 2-3% CD 2-3%
Water impermeability	EN 20811	Minimum value: 2m
UV resistance	Internal method, UVB	12 months
Water vapour transmission properties	EN ISO 12572 conditions C	Sd=0.08m
Flexibility at low temperature	EN 1109	-20°C
Reaction to Fire	EN 13501-1 Test method: EN 11925-2 and EN 13823 (SBI)	B, s1, d0
Resistance to air penetration	EN 12114	1m ³ /m ² /hr@50Pa
Artificial ageing (5000h uv + 90 days 70°C) Tensile strength after ageing Resistance to water penetration after ageing	EN 13859-1	MD: 290N/5cm CD 240N/5cm Class W1



KEY BENEFITS

- Unique composition actively reacts to prevent fire taking hold
- 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 BS5250, BS4016 & NHBC requirements for vapour permeable walling underlays
- Ideal for use in rainscreen / façade construction
- Suitable for applications over 18m high



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