

EFFISUS FR MEMBRANE



EN 13859-2

DESCRIPTION

The wall lining membrane Effisus FR Membrane is made of a special fiberglass fleece and a water based compound, that makes it eco-friendly and completely fire resistant. The Effisus FR Membrane guarantees optimum protection of façades with closed and open rainscreen cladding systems, cavity and masonry, leaf weatherboarding panels, tile/slate and timber frame cladding against wind, damp and driving rain.

TECHNICAL DATA

Essential characteristics	Method	Result
Thickness	EN ISO 12572	0.21 ± 0.006 mm
Length	-	93.45 m
Width	-	1.07 m
Reaction to Fire	ASTM E84	Class A (or Class 1)
	EN 13501-1:2007+A1:2009	A2 - s1, d0
Resistance to water penetration	EN 1928/EN 13111	W2, pass
Density of vapour flow rate, g (kg/(m ² .s))	EN ISO 12572	8.31 x 10 ⁻⁶ ± 2.81 x 10 ⁻⁷
Water vapour transmission properties (sd-value) (m)	EN ISO 12572	0.013 ± 0.001
Tensile Strength MD/XD (N/50mm)	EN 12311-1	2015 ± 0.37 / 1725 ± 0.28
Elongation at Break MD/XD (%)	EN 12311-1	4.00 ± 0.38 / 3.00 ± 0.36
Nail tear resistance MD/XD (N)	EN 12310-1	328.06 ± 32.44 / 255.42 ± 46.44
Flexibility at low temperature (- 40 °C)	EN 1109	No cracks
Artificial ageing	Annex C of EN 13859-2	NPD

OTHERS

Protects the structure against the elements during the construction phase. Protects the building against condensation and humidity, improving facade resistance to fire.

It is available in white and black colour.

Version

V 1.7 – AO – 17/12/2018