

Technical Data Sheet

PRODUCT

Breather Membrane and associated tapes.

Glass fibre fabric FR Breather Membrane, vapour permeable, airtight and watertight, used on the exterior side of lightweight steel framed systems.

FEATURES and BENEFITS

- Class A1 in accordance with EN 13501-1
- Water resistant to Class W2 in accordance with EN 13859-2
- UV resistant up to 3 months
- Easy to cut and install Surebreathe is specifically approved for use with Euroform cement based sheathing boards

Membrane	1.5 x 50m roll on cardboard core (75m ²)
Joint Tape	75mm x 25m roll on cardboard core
Double Sided Tape	50mm x 50m roll on cardboard core



Breather Membrane and associated tape

TECHNICAL INFORMATION

Grammage	EN 1849-2	Nominal 210 g/m ²
Thickness	EN 1849-2	Nominal 0.18mm
Fire classification	EN 13501-1	Class A1, mechanically fixed direct to any substrate with a minimum fire classification of A2-s1, d0, a minimum thickness ≥ 9 mm and a density ≥ 525 kg/m ³ . Including horizontal and vertical overlaps sealed with Surebreathe tape. Class A2-s1, d0, mechanically fixed direct to any insulation with a minimum fire classification of A2-s1, d0, a minimum thickness ≥ 20 mm and a density ≥ 37.5 kg/m ³ . Including horizontal and vertical overlaps sealed with Surebreathe tape.
Resistance to water penetration	EN 13111	Class W2
Tear resistance	EN 12310-1	Longitudinal: > 250 N Transverse: > 320 N
Water vapour resistance	EN 12572	< 0.60 MNs/g
Water vapour transmission	EN 12572	Sd < 0.12m
Air permeability	EN 12114	27m ³ / m ² .h@50Pa
UV resistance	EN 1269/97	3 months prior to cladding
Application temperature	-	+5°C to +30°C
Tensile strength	EN 12311-1	Longitudinal: > 1,500 N/50mm Transverse: > 1,000 N/50mm > 75% (after ageing)
Elongation	EN 12311-1	Longitudinal: < 6% Transverse: < 5%
Service temperature	-	-36°C to +150°C
Storage	-	Store in shaded dry condition between +10°C and 25°C away from direct exposure to weather. Avoid stacking pallets.
Shelf life	-	24 months when stored as recommended in original unopened packaging.
Material	-	Glass fibre fabric