

Scrim Reinforced Airtight Membrane

Scrim reinforced Airtight Membrane enables airtightness and vapour control in roof and wall constructions.

The scrim reinforcing drastically increases the membranes tensile strength and tear resistance, making it an ideal solution in areas where the membrane is wrapped into the structure, increasing the possibility of tearing such as wrapping hollowcore slabs at intermediate floors.

Composition

- Non woven polypropylene
- High density poly ethylene
- Flame resistant Ethylene-vinyl acetate

Colour

- White with red line 150mm from roll ends to aid overlaps
- The CE sign according to DIN EN 13984 gives the necessary security for the application on the construction site according to all valid requirements of the ENEC and construction standards.

Application

- Store in dry rooms from +5C to +25C, protected from UV-radiation.
- The membrane should be applied perpendicular to the direction of the application surface i.e. studs, rafters and joists.
- The membrane should be fixed with staples every 150mm or double-sided tape.
- A Universal Joining Tape or a suitable grommet should be used for penetrations.
- For bonding barrier overlaps, penetrations and repair spots, a Universal Joining Tape or a similar tape is recommended.
- For connections to concrete or masonry Internal Sealant is recommended.
- Ensure there is a 150mm overlap of the membranes and tape with a Universal Joining Tape or another suitable tape.
- Ensure the corner overlaps are completely sealed.



Technical Data

Nominal weight	116g/m ² , EN1849-2
Tensile strength	345/320 N/50m, EN12311-1
Elongation at Tensile strength	27/21%, EN12311-1
Tear resistance	215/195N, EN12310-1
Water vapour permeability in sd	3m, EN1931/EN12572
Water vapour permeability	12g/m ² *d, EN1931/EN12572
Water vapour permeability vs ageing	Pass, EN1931/EN12572
Resistance to water penetration	W1 Class, EN1928:2000/EN13111
Reaction to fire	E Class, EN13401-1
Temperature resistance	-40C to +80C