

Tremco AVC Membrane

Self-adhered Air Vapor Control Membrane for Roofing Assemblies

DESCRIPTION

Tremco's AVC Membrane is a 1 mm (40mils) self-adhered air and vapor control membrane consisting of a self-adhering SBS rubberized asphalt laminated to a tough, slip resistant, cross laminated polyethylene surface film.

BASIC USE

Tremco's AVC Membrane is designed for application to the structural deck or subdeck and will adhere to concrete, metal, wood and exterior grade sheathing panels as part of a roofing membrane assembly. Tremco AVC Membrane can be applied as low as -10°C.

It is important to ensure proper detailing of the AVC Membrane at all roof penetrations, joints, roof/wall transitions and continuity with the wall air barrier.

PACKAGING

Tremco's AVC Membrane is available in 0.9 x 22.9 metres (3' x 75') rolls.

APPLICATION

Preparation: Remove all dirt, dust and other loose debris from the surface. All surfaces must be sound, clean, dry and free of contamination (including grease and oil) and free of sharp protrusions, fins and voids.

Apply Tremco AVC Membrane Primer or Tremco AVC Membrane Primer (WB) at a rate of approximately 6 m²/litre (250 ft²/gal), depending on porosity and texture. Allow primer to dry prior to installing the AVC Membrane.

Application: Cut the membrane into manageable lengths of 3-4 metres (approx 10-15 ft). Beginning at the low point, roll out and align membrane and proceed in shingle fashion. Carefully remove, at a 90° angle, the release sheet on the underside. Replace the membrane with the exposed rubberized asphalt adhesive onto the deck and press firmly into place ensuring positive contact and removing air pockets.

Repeat process by overlapping additional membranes at least 75mm (3") along the sides and at least 150mm (6") at end laps.

Apply TremLar Vertical Grade, Polyroof SF or other Tremco pre-approved sealant at all penetrations, lap joints not oriented to shed water and T-joints.

PHYSICAL PROPERTIES

Tremco AVC Membrane

PROPERTY	TYPICAL VALUE	TEST METHOD
Tensile Strength	4378 N/m (25 lb/in)	ASTM D 2523
Tensile Strength-Facer	34.5 MPa (5000 psi)	ASTM D 412
Tensile Strength-Membrane	4.3 MPa (625 psi)	ASTM D 412
Adhesion to Plywood	1050 N/m (6 lb/in)	ASTM D 903
Permeance	0.05 perms (max)	ASTM E 96
Thermal Stability (Sag 93°C)	Pass	ASTM D 1970
Elongation (Adhesive)	250%	ASTM D 412
Low Temperature Flexibility (-32°C)	Unaffected	ASTM D 1970
Resistance to Water Leakage	Pass	ASTM D 7349

CODES & APPROVALS

Current Approvals:



MAINTENANCE

Your local Tremco Roofing sales representative can provide you with effective maintenance procedures which may vary, depending upon specific conditions. Periodic inspections, early repairs and preventative maintenance are all part of a sound roof program.

PRECAUTIONS

Users must read container labels and Safety Data Sheets for health and safety precautions prior to use.

TECHNICAL SUPPORT

Your local Tremco Roofing sales representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications.



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