

# Tremco AVC Membrane

## Self-adhered Air Vapour Control Membrane for Roofing Assemblies

### PRODUCT DESCRIPTION:

Tremco's AVC Membrane is a 1mm (40mils) self-adhered air and vapour 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.

### LIMITATIONS:

- Do not apply to damp or contaminated surfaces
- Not to be used as a permanently exposed surface

### PACKAGING:

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

### 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 m<sup>2</sup>/litre (250 ft<sup>2</sup>/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 rub-

berized 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.

### Precautions:

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

### APPLICABLE STANDARDS:

- ASTM D 1970
- UL R14610
- Factory Mutual

Physical Performance Characteristics		
Tremco AVC Membrane		
Property	Test Method	Typical Value
Tensile Strength	ASTM D 2523	4378 N/m (25 lb/in)
Tensile Strength-Facer	ASTM D 412	34.5 MPa (5000 psi)
Tensile Strength-Membrane	ASTM D 412	4.3 MPa (625 psi)
Adhesion to Plywood	ASTM D 903	1050 N/m (6 lb/in)
Permeance	ASTM E 96	0.05 perms (max)
Thermal Stability (Sag 93°C)	ASTM D 1970	Pass
Elongation (Adhesive)	ASTM D 412	250%
Low Temperature Flexibility (-32°C)	ASTM D 1970	Unaffected

**Availability and Cost:** Contact your local Tremco Roofing Representative for pricing and availability. For the name and number of your Representative, call the Roofing Division at 416/421-3300 or 800/263-6046.

# TREMCO

Roofing & Weatherproofing Peace of Mind™

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

**Guarantee/Warranty:** Tremco Inc. warrants Tremco AVC Membrane to be free of defects and to meet published physical properties when tested according to ASTM and Tremco standards. Under this warranty, any Tremco AVC Membrane product that is proved to be defective when applied in accordance to our written instructions, and in applications recommended by Tremco as suitable for this product will be replaced with like product at no charge. THIS IS BUYERS SOLE AND EXCLUSIVE REMEDY.

All claims concerning product defects must be made in writing within twelve (12) months of shipment. The absence of such claims in writing during this period will constitute a waiver of all claims with respect to such product. This warranty shall be IN LIEU OF any other warranty, express or implied, including but not limited to, any implied warranty of MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

**Technical Services:** Your local Tremco Representative, working with the Technical Service Staff, can help analyze conditions and needs to develop recommendations for special applications. The services of the Tremco Research Center, which has earned a unique reputation in weatherproofing technology, complement and extend the services of the Tremco Technical Service staff.

**Statement of Policy and Responsibility:** Tremco takes responsibility for furnishing quality materials and for providing specifications and recommendations for their proper installation.

As neither Tremco itself nor its Representatives practice architecture or engineering, Tremco offers no opinion on, and expressly disclaims any responsibility for the soundness of any structure on which its products may be applied. If questions arise as to the soundness of a structure or its ability to support a planned installation properly, the Owner should obtain the opinion of competent structural engineers before proceeding. Tremco accepts no liability for any structural failure or for resultant damages, and no Tremco Representative is authorized to vary this disclaimer.

**TREMCO**

An RPM Company

220 Wicksteed Ave  
Toronto, ONT M4H 1G7  
416-421-3300

3735 Green Road  
Beachwood, OH 44122  
216-292-5000