

VapAir Seal™ 725TR

Air & Vapor Barrier/Temporary Roof



Overview

Versico's VapAir Seal 725TR Air & Vapor Barrier/Temporary Roof is a 40-mil composite consisting of 35 mils of self-adhering rubberized asphalt laminated to a 5-mil woven polypropylene film. A one-piece silicone poly release liner is applied to the SBS adhesive to prevent material from bonding to itself. VapAir Seal 725TR is available in a 325-square-foot roll with dimensions of 39" x 100'. The factory-controlled thickness of the membrane ensures uniform barrier properties on the job; the woven polypropylene film increases strength and has a non-skid surface suitable for the bonding of subsequent layers. Approved Versico adhesives for attaching insulation to VapAir Seal 725TR are:

- Flexible DASH™ Adhesive
- OlyBond 500™

VapAir Seal 725TR can be used on concrete, plywood, exterior gypsum, DensDeck® Prime, SECUROCK® or other approved substrates in conjunction with Versico roofing systems. Gypsum decks may require additional securement with mechanical fasteners. Use of CAV-GRIP® 3V Low-VOC Adhesive/Primer, CCW-702 or CCW-702LV is required on all substrates. VapAir Seal 725TR may be installed directly over a nailed Versico modified base sheet when primed with CAV-GRIP 3V.

VapAir Seal 725TR must be covered with roofing membrane within 180 days. T-joints must be sealed with an internal bead of Versico Lap Sealant. Versico does not accept responsibility for the watertight integrity of the VapAir Seal 725TR related to workmanship issues or physical damage. For unusual situations, contact the Project Review and Warranty Services Department prior to specifying this material.

Installation

Surface Preparation: The concrete surface shall be completely dry; dryness shall be determined by a qualified owner's representative. The surface shall have a smooth finish and be free of voids, spalled areas, sharp protrusions, loose aggregate, laitance and form-release agents. Some curing compounds may interfere with proper adhesion, so an adhesion test is recommended. In the event of rain, concrete must be allowed to dry before the application of primer. **Artificial drying methods such as torches are not acceptable.**

Adhesive: Surfaces to receive VapAir Seal 725TR must be clean and dry. Use of CAV-GRIP 3V, CCW-702, or CCW-702LV is required on all substrates. Approved Versico adhesives for attaching insulation to VapAir Seal 725TR are: Flexible DASH Adhesive and OlyBond 500.

Application: VapAir Seal 725TR material must be stored and kept above 60°F prior to installation. Apply VapAir Seal 725TR from low to high points in a shingle fashion so that the laps will shed water. Overlap all edges by at least 2". End laps should be staggered. Position membrane carefully to avoid fish-mouths and wrinkles. **Roll the VapAir Seal 725TR membrane immediately after installation with a 100-150-pound roller wrapped in a resilient material.** When the VapAir Seal 725TR is applied to a vertical surface, hand-rolling with a 2" or 4" hand roller is required. Vertical surfaces must be prepared in the same fashion as horizontal surfaces.

Note: For applications below 40°F – all materials must be kept above 60°F prior to installation and CAV-GRIP 3V Primer must be used.

Seaming: Apply a 2"-long bead of lap sealant internally along any T-joints or step-offs. Use a hand roller or stand-up seam roller to mate the seam together, ensuring the seam's leading edge is rolled properly. Be sure to pay particular attention to the T-joints and step-offs. If seam surface is contaminated, clean and prime with CCW-702, CCW-702LV, or CAV-GRIP 3V.

REVIEW CURRENT VERSICO SPECIFICATIONS AND DETAILS FOR SPECIFIC INSTALLATION REQUIREMENTS.

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Precautions

- Use proper stacking procedures to ensure sufficient stability of the materials.
- Exercise caution when walking on wet membrane. Membranes are slippery when wet.
- VapAir Seal 725TR membrane must be dry prior to installation of subsequent layers.
- VapAir Seal 725TR should be installed using CAV-GRIP 3V adhesive when temperatures are below 40°F.
- VapAir 725TR membrane and primers must be stored above 60°F prior to installation.
- Avoid moving or stacking heavy loads on the installed membrane, particularly in hot weather. This could thin out the self-adhering barrier layer.
- Refer to applicable Safety Data Sheets before using any Versico products.
- Do not apply CAV-GRIP 3V, CCW-702, or membrane to damp or contaminated surfaces.
- Do not apply CAV-GRIP 3V, CCW-702, or membrane to frozen substrates.
- Primers must be allowed to completely flash off. Refer to the primer TDB for flash-off times.
- VapAir Seal 725TR may be used as a temporary roof up to 180 days.

Packaging

Product	725TR Air & Vapor Barrier/Temporary Roof
Size/Weight	39" x 100' / 89 lbs
Actual Coverage Rate	305 ft ²
Part Number	330170

Typical Properties and Characteristics

Physical Property	Test Method	Typical Property
Thickness	ASTM D1970	40 mils
Tensile Strength	ASTM D412	250 psi
Elongation	ASTM D412	250%
Peel Adhesion	ASTM D903	5 lbs/in
Puncture Resistance	ASTM E154	60 lbs
Permeability	ASTM D1970*	0.015 perms
Air Permeance	ASTM E2178	0.000 L *m ² @ 75 Pa
Shelf Life	N/A	1 year

Typical properties and characteristics are based on samples tested and are not guaranteed for all samples of this product. This data and information is intended as a guide and does not reflect the specification range for any particular property of this product.

*D1970 is tested to E96 standards for permeability.

Green Building Information

Pre-Consumer Recycled Content	0%
Post-Consumer Recycled Content	0%
Solar Reflectance Index (SRI)	N/A
Global Warming Potential (GWP)	Currently Unavailable
Volatile Organic Compounds (VOC) Content	N/A
Manufacturing Location(s)	Terrell, TX
Corporate Sustainability Report (CSR) Availability	Yes
Environmental Product Declaration (EPD) Availability	No

Declare Label

This product is certified Red List Free by the International Living Future Institute, meaning it contains none of the chemicals or materials identified on the Living Building Challenge Red List. The Declare label demonstrates alignment with other requirements within the Living Building Challenge, as well as LEED, WELL, and Green Globes certifications. These requirements include disclosure thresholds, VOC content and emissions, embodied carbon, and responsible sourcing. View the latest version of the Declare label here:



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