

NO. 727

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(Supersedes August 2015)**HYDRASTOP™ SBW****Suspended Balcony Waterproofing Membrane****DESCRIPTION**

HYDRASTOP SBW is a 60 mil composite, self-adhered sheet membrane comprised of a non-woven fabric, elastomeric membrane, and coated release paper. Once concrete is poured against HYDRASTOP SBW and the concrete cures, a mechanical bond forms that secures the concrete to the membrane.

**USES**

HYDRASTOP SBW is used as a pre-applied waterproofing membrane specifically designed for horizontal suspended balcony slabs that will receive a concrete topping. Compatible substrates include plywood and concrete.

**FEATURES/BENEFITS**

- Provides a waterproof seal between the membrane and poured concrete deck.
- Helps prevent moisture migration into the structure.

**PACKAGING**

37" x 65' (939.8 mm x 19.8 m) long rolls, one roll per carton.

**APPLICATION**

**Surface Preparation ...** Inspect all surfaces for any conditions detrimental to the proper completion of the work. Surfaces should be structurally sound. Remove debris or any other foreign material that could damage the membrane. Applied surface must be pretreated with MEL-PRIME™ or MEL-PRIME W/B adhesive from W. R. MEADOWS. MEL-PRIME may be applied to an area that is to be covered the same day. Uncovered areas must be readdressed the next day. See container for complete application directions, drying information, and precautions.

**Inside Corners...** Prior to installation of HYDRASTOP SBW, apply a 1" (25.4 mm) cove of BEM into all inside corners.

**Application Method ...** HYDRASTOP SBW may be applied at temperatures down to 40° F (5° C).

**Installation and Factory Edge ...** Position first roll of HYDRASTOP SBW and remove release paper on edge. Pull balance of release paper off, running roll from low

to high points, so all laps will shed water. Roll press into place with a tile-type roller. Stagger end laps and overlap all seams at least 2 ½" (64 mm). Prior to placement of overlapping roll of HYDRASTOP SBW with no factory edge, apply a liberal coat of HYDRALASTIC™ 836 from W. R. MEADOWS in the seam overlap area, position HYDRASTOP SBW, and roll press into place. Remove the balance of release paper and roll press membrane into place. Apply a band of HYDRALASTIC 836 over top of the HYDRASTOP SBW joint a minimum of 3" (76.2 mm) wide at a thickness of 60 mils.

Apply DETAIL STRIP from W. R. MEADOWS over construction, control, and all expansion joints and over cracks greater than 1/16" (1.6 mm) wide prior to the application of HYDRASTOP SBW. For cracks and joints up to 1/16" (1.6 mm), no additional treatment is needed. For joints >1/16" (1.6 mm) and <1/4" (6.4 mm), joints should be filled with BEM from W. R. MEADOWS prior to installation of HYDRASTOP SBW. For joints >1/4" (6.4 mm), fill with BEM and DETAIL STRIP over the joint prior to installation of HYDRASTOP SBW. Use MEL-PRIME W/B prior to application of DETAIL STRIP. Please contact W. R. MEADOWS for specific details regarding expansion joint installations.

**End Laps ...** Overlap membrane a minimum of 2 ½" (64 mm). Prior to overlap, apply HYDRALASTIC 836 in area to be lapped. Roll press membrane into HYDRALASTIC 836.

**Top Terminations...** Apply HYDRALASTIC 836 or BEM at least 1/8" thick and 1" wide. As an option, TERMINATION BAR may be used to fasten the membrane.

**Penetrations and Protrusions ...** Detail around all horizontal and vertical penetrations using BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE (two-component) from W. R. MEADOWS. Apply BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE by forming a fillet around the pipe or protrusion, overlapping the fabric side of HYDRASTOP SBW and the protrusion a minimum of 2 ½" (64 mm). If the gap between the protrusion and the membrane is greater than ½" (13 mm), apply DETAIL STRIP over uncured BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE. All penetration and protrusion surfaces must be clean, rust-free, and sound prior to application of BEM, HYDRALASTIC 836, or MEL-ROL LIQUID MEMBRANE.

**CONTINUED ON REVERSE SIDE ...**

**Patching ...** Prior to pouring, inspect membrane for punctures or damage and repair as necessary with BEM, HYDRALASTIC 836 at a thickness of 60 mils.

**PRECAUTIONS**

Concrete should be poured within 60 days of membrane installation. For installations below 40° F (4° C), contact W. R. MEADOWS technical services. When using bar supports, use those with a flat bottom. Store membrane cartons on pallets and cover if left outside. Keep materials away from sparks and flames

**LEED INFORMATION**

May help contribute to LEED credits:

- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management
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For most current data sheet, further LEED information, and SDS, visit [www.wrmeadows.com](http://www.wrmeadows.com).

**TECHNICAL DATA**

| Property                                | Test Method                                   | HYDRASTOP SBW Results |
|---|---|-----------------------|
| Color                                   |   | Black                 |
| Thickness                               | ASTM D 1000                                   | Nominally 60 Mils     |
| Low Temp Flexibility                    | ASTM D 1970, 180° @ -25° F (-32° C)           | Pass                  |
| Elongation                              | ASTM D 412-06                                 | > 400%                |
| Crack Cycling                           | ASTM C 836 @ -15° F (-26° C)                  | Pass                  |
| Puncture Resistance                     | ASTM E 154                                    | 260 lb. (1155 N)      |
| Peel Adhesion to Concrete               | ASTM D 903                                    | 10 lb./in (1754 N/m)  |
| Resistance to Penetration by Termites   | Texas A&M Method<br>Percentage of Penetration | 0.0%                  |
| Resistance to Penetration by Pesticides | ASTM F 2130<br>Percentage of Penetration      | 0.0%                  |



**LIMITED WARRANTY**

W. R. MEADOWS, INC. warrants at the time and place we make shipment, our material will be of good quality and will conform with our published specifications in force on the date of acceptance of the order. Read complete warranty. Copy furnished upon request.

**Disclaimer**

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