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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

For most current data sheet, further LEED information, and SDS, visit 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)



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

The information contained herein is included for illustrative purposes only, and to the best of our knowledge, is accurate and reliable. W. R. MEADOWS, INC. cannot however under any circumstances make any guarantee of results or assume any obligation or liability in connection with the use of this information. As W. R. MEADOWS, INC. has no control over the use to which others may put its product, it is recommended that the products be tested to determine if suitable for specific application and/or our information is valid in a particular circumstance. Responsibility remains with the architect or engineer, contractor and owner for the design, application and proper installation of each product. Specifier and user shall determine the suitability of products for specific application and assume all responsibilities in connection therewith.