



DATA SHEET NO. 5117-165

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

939.8 mm x 19.8 m (37" x 65') 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 25.4 mm (1") cove of BEM into all inside corners.

Application Method ... HYDRASTOP SBW may be applied at temperatures down to 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" (50.8 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 76.2 mm (3") 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 1.6 mm (1/16") wide prior to the application of HYDRASTOP SBW. For cracks and joints up to 1.6 mm (1/16"), no additional treatment is needed. For joints >1.6 mm (1/16") and <6.4 mm (1/4"), joints should be filled with BEM from W. R. MEADOWS prior to installation of HYDRASTOP SBW. For joints >6.4 mm (1/4"), 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 64 mm (2 1/2"). 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 3.2 mm (1/8") thick and 25.4 mm (1") wide. As an option, TERMINATION BAR may be used to fasten the membrane.

W. R. MEADOWS® OF CANADA
70 Hannant Court, Milton, ON L9T 5C1
21 Steambank Ave., Sherwood Park, AB T8H 1N1
(800) 342-5976
Montreal Sales: (514) 865-2406

Hampshire, IL / Cartersville, GA / York, PA / Fort Worth, TX
Benicia, CA / Pomona, CA / Goodyear, AZ / Milton, ON
Sherwood Park, AB
www.wrmeadows.com

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 64 mm (2.5"). If the gap between the protrusion and the membrane is greater than 13 mm (½"), 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.

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 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

MASTERFORMAT NUMBER AND TITLE

07 13 00 - Sheet Waterproofing

LEED INFORMATION

May help contribute to LEED credits:

- EA Credit 1: Optimize Energy Performance
- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management

TECHNICAL DATA

Property	Test Method	HYDRASTOP SBW Results
Colour		Black
Thickness	ASTM D 1000	Nominally 60 Mils
Low Temp Flexibility	ASTM D 1970, 180° @ -32° C	Pass
Elongation	ASTM D 412-06	> 400%
Crack Cycling	ASTM C 836 @ -26° C	Pass
Puncture Resistance	ASTM E 154	1155 N (260 lb.)
Peel Adhesion to Concrete	ASTM D 903	1754 N/m (10 lb./in.)

For further LEED information and SDS, visit www.wrmeadows.com.

2017-04-17

OTHERWISE ARISING BY OPERATION OF LAW, COURSE OF DEALING, CUSTOM OF TRADE OR OTHERWISE. As the exclusive remedy for breach of this Warranty, we will replace defective materials, provided, however, that the buyer examine the materials when received and promptly notify us in writing of any defect before the materials are used or incorporated into a structure. Three (3) months after W. R. Meadows of Canada has shipped the materials, all our Warranty and other duties with respect to the quality of the materials delivered shall conclusively be presumed to have been satisfied, all liability therefore terminates and no action for breach of any such duties may thereafter be commenced. W. R. Meadows of Canada shall in no event be liable for consequential damages. Unless otherwise agreed to in writing, no warranty is made with respect to materials not manufactured by W. R. Meadows of Canada. We cannot warrant or in any way guarantee any particular method of use or application or the performance of materials under any particular condition. Neither this Warranty nor our liability may be extended or amended by our salesmen, distributors or representatives, or by our distributor's representatives, or by any sales information or drawings.