



NO. 710

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BEM

One-Component Waterproofing Membrane

DESCRIPTION

BEM is a one-component, cold-applied, non-slump waterproofing material that can be used for a variety of applications with building envelope products from W. R. MEADOWS. BEM cures to form a tough, flexible waterproofing membrane. BEM is a high quality moisture curing elastomeric waterproofing and sealing material.

USES

BEM can be used in the forming of fillets and reinforcement at corners and as a flashing material.

FEATURES/BENEFITS

- Bonds to asphalt and concrete.
- Solvent-free; will not shrink.
- Skins over in 50 minutes.
- Does not freeze.
- Cures to a tough, flexible membrane.

PACKAGING

28 Oz. (828 mL) Cartridges (12 per Carton)

COVERAGE

As a corner reinforcement and fillet, approximately 14 lineal ft./gal. (1.1 m/L). For a 3" (76.2 mm) flashing, approximately 17 lineal ft./gal. (1.4 m/L). As a fillet, approximately 135 lineal ft./gal. (10.9 m/L).

SHELF LIFE

When stored indoors and in original, unopened containers at temperatures between 40° - 70° F (4° - 21° C), shelf life is one year from date of manufacture.

SPECIFICATIONS

- Complies with all current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, LADCO, SCAQMD, and OTC

- Canada VOC Concentration Limits for Architectural Coatings Regulations

TECHNICAL DATA

VOC Content: 42 g/L

APPLICATION

Surface Preparation ... All surfaces to be covered with BEM should be clean, free of all contaminants, dry, and frost-free.

Application Method ... Trowel on BEM to a minimum thickness of 90 mils. BEM may be applied to both primed and unprimed asphalt and concrete surfaces. Apply in 3" (76.2 mm) or 4" (101.6 mm) wide strips of material over terminations. When used as a corner reinforcement, apply a minimum of 6" (152.4 mm) wide in each direction. When used as a fillet, the face should be a minimum of 3/4" (19.1 mm). At drains and protrusions, BEM should overlap the AIR-SHIELD™, MEL-ROL®, and/or PRECON® membrane at a minimum of 2" (50.8 mm) and should extend 6" (152.4 mm) above the surface or to the top of the wearing course.

If applying fresh material over the cured membrane, the cured membrane should be lightly washed and wiped with alcohol. Allow for a few minutes to dry and trowel on the fresh material.

Drying Time ... 50 minutes +/- 15 minutes. Discard material that begins to thicken and becomes difficult to apply. BEM will cure to form a tough, flexible membrane.

Cleanup ... Tools can be cleaned with alcohol. Follow manufacturer's precautions when using alcohol for cleanup. Cured material is best removed by mechanical means.

CONTINUED ON REVERSE SIDE...

PRECAUTIONS

BEM is not to be used as a liner in a water-containing structure or as an exposed or wearing surface. BEM is a fluid-applied waterproofing membrane that is designed to be used as part of a complete waterproofing and drainage system. Do not use on surfaces that are later to be painted. Do not store in high temperatures. Refer to Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:

- EA Credit 1: Optimize Energy Performance
- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan: During Construction
- IEQ Credit 4.2: Low-Emitting Materials – Paints and Coatings
- IEQ Credit 7.1: Thermal Comfort – Design
- MR Credit 2: Construction Waste Management
- MR Credit 5: Regional Materials

For most recent data sheet, further LEED information, and SDS, visit www.wrmeadows.com.



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.