

SEALMASTIC™ Emulsion

Dampproofing

DESCRIPTION

SEALMASTIC emulsion-type dampproofing is a breather-type which permits moisture vapor to escape through the film, while remaining resistant to water penetration. This prevents blistering of applied films. The product can be applied to green concrete (not totally dry).

TYPE I (spray-grade) is an asphalt-based, non-fibered, clay emulsion. Under normal use, it resists flow or sag. Its greater resistance to water is ideal where spray application is desired.

TYPE II (brush-on/spray-grade) is an asphalt-based, clay emulsion with fibers specifically formulated to offer a tight film that combines both excellent strength and resistance to water.

TYPE III (trowel-on grade) is a trowel-applied mineral colloid, asphalt emulsion, fibrated with selected fibers and produced in an ideal, light trowel application consistency. TYPE III offers high weather, water, corrosion, and abrasion resistance. It can be used as an adhesive on foam board installations.

USES

SEALMASTIC emulsion-type dampproofing coatings are ideal for reducing dampness and moisture infiltration through foundation walls, parapets, firewalls, tanks, culverts, cisterns, and bridge abutments. They are also applicable for stone-backing, above-grade cavity wall applications and below-grade masonry wall dampproofing. The SEALMASTIC product line also helps to minimize internal structural damage from mildew and mold, and is compatible with ICF foam forms.

SHELF LIFE

One year maximum.

PACKAGING

5 Gallon (18.93 L) Pails

55 Gallon (208.20 L) Drums

SPECIFICATIONS

TYPE I	ASTM D 1187, Type I ASTM D 1227, Type III, Class 1
TYPE II	ASTM D 1187, Type I ASTM D 1227, Type II, Class 1
TYPE III	ASTM D 1187, Type I ASTM D 1227, Type II, Class 1

All products comply with current federal, state, and local maximum allowable VOC requirements, including U.S. EPA, SCAQMD, and OTC.

FEATURES/BENEFITS

- Adheres to damp or “green” surfaces ... no waiting for concrete to thoroughly dry.
- Ready to use ... no heating or thinning required; dries rapidly.
- Fast and economical way to protect concrete and masonry foundation walls from moisture penetration.
- Easy to apply ... available in spray-, brush- or trowel-grades; meets a broad application range.
- Three application grades available for maximum versatility.
- VOC compliant.

COVERAGE

TYPE I

Above-grade surfaces: Approximately 70 - 100 ft.²/gal. (1.71 - 2.45 m²/L) per coat.

TYPE II & TYPE III

Exterior below-grade dense surfaces, exterior below-grade porous surfaces, exterior above-grade surfaces:

(One coat, 1/8” wet film thickness): Approximately 10 - 12.5 ft.²/gal. (0.25 - 0.3 m²/L)

(One coat, 1/16” wet film thickness): Approximately 20 - 25 ft.²/gal. (0.5 - 0.6 m²/L)

Coverage may vary due to porosity and condition of concrete.

CONTINUED ON REVERSE SIDE...

APPLICATION

Surface Preparation ... All surfaces to be coated must be thoroughly cleaned of all scale, loose mortar, dust, rust, dirt, oil, grease, and other foreign matter. Use a wire brush, sandblast, or other method in keeping with good construction practices. Before product application, fill voids, cracks, and holes in concrete with cement mortar and allow to dry. If primer is required, use SEALMASTIC SPRAY-MASTIC™ from W. R. MEADOWS. Do not apply when temperatures below 35° F (2° C) are anticipated. Do not apply in rain or when rain is threatening.

Mixing ... SEALMASTIC TYPE I and TYPE II should be thoroughly stirred in their respective containers prior to application. TYPE III can be applied directly from the container.

EXTERIOR BELOW-GRADE DENSE SURFACES

Apply SEALMASTIC TYPE II by soft bristle brush or suitable spray equipment* or TYPE III by trowel.

Product should be applied to properly prepared surfaces in a continuous, unbroken film (free of pinholes), filling and spreading around all joints, slots, and grooves and penetrating into all crevices, chases, reveals, soffits, and corners. Carry coating over the exposed footing's top and outside edge, up to finished grade.

NOTE: Fillers, extenders, and additives in concrete mixes can produce a higher than normal porosity and, as a result, additional coverage coats may be required.

*Consult spray equipment manufacturer for instructions.

EXTERIOR BELOW-GRADE POROUS SURFACES (3 OPTIONS)

- 1. Membrane System:** For severe conditions or for added protection, apply one coat of SEALMASTIC TYPE II or TYPE III. Within four hours, apply a glass fabric membrane cloth over all coating surfaces. Overlap all edges 3" (76 mm) minimum. Press firmly into place without wrinkles. Application of second coat of TYPE II or TYPE III should be within 24 hours.
- 2. Two-Coat System:** Apply SEALMASTIC SPRAY-MASTIC as a prime coat. Allow coat to dry tacky to touch and then apply TYPE III in one coat, as described above.
- 3. Parge-Coat System:** Before application of SEALMASTIC, a parge-coat of cement mortar should be applied to the block wall. This coat should cover the bottom of the footings to grade level, forming a cove at the junction of the wall and footing. Once the parge-coat cures, apply one trowel-coat of TYPE III or two spray- or brush-coats of TYPE II, as described above.

BACKFILLING

Backfilling should be done within 24 - 48 hours after application. No longer than seven days maximum should elapse. Be careful not to damage or rupture the film or displace coating or membranes. To assure maximum protection, PROTECTION COURSE from W. R. MEADOWS should be used. Prolonged exposure to ultraviolet light should be minimized.

INTERIOR ABOVE - GRADE SURFACES - VAPOR RETARDER

SEALMASTIC TYPE I, TYPE II, and TYPE III can be used individually or in combination for dampproofing the exterior face of interior walls in cavity wall construction.

Cleanup ... While still wet, material may be removed with soap and water. Once dried, the material can be removed with kerosene or petroleum naphtha. Solvent manufacturer precautions should be adhered to when using a solvent for clean up.

PRECAUTIONS

Keep from freezing in the original container. Not intended as a waterproofing membrane. (Refer to MEL-ROL® or MEL-ROL LM from W. R. MEADOWS.) Read and follow application information and precautions. Refer to Material Safety Data Sheet for complete health and safety information.

LEED INFORMATION

- May help contribute to LEED credits:
- IEQ Credit 3.1: Construction Indoor Air Quality Management Plan – During Construction
 - IEQ Credit 4.2: Low-Emitting Materials – Paints and Coatings
 - MR Credit 2: Construction Waste Management
 - MR Credit 5: Regional Materials

For most current data sheet, further LEED information, and MSDS, 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.