PRODUCT DATA

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NO. 720

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(Supersedes April 2004)

SEALMASTIC™ Solvent

Dampproofing

DESCRIPTION

SEALMASTIC solvent-type dampproofing is an asbestos-free, fibered and non-fibered asphalt compound. Both the brush-on and trowel-applied versions are flexible and will span small holes and hairline cracks. All three grades withstand temperature changes and will not crack under normal expansion and contraction. The three types offered are SPRAY-MASTIC™, a non-fibered asphalt compound for use where spray application is desired; SEMI-MASTIC™, a brush or spray-on fibered asphalt compound designed to protect exterior below-grade masonry walls; and TROWEL-MASTIC™, a trowel-applied, heavy-bodied, fibered asphalt compound for exterior, below-grade masonry wall surface applications. It is recommended to protect porous or irregular surfaces.

USES

SEALMASTIC solvent-type dampproofing is ideal for reducing dampness and moisture infiltration through foundation walls, parapets, firewalls, tanks, culverts, cisterns, and bridge abutments. It is 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.

PACKAGING

5 Gallon (18.93 Liter) Pails
55 Gallon (208.20 Liter) Drums

SPECIFICATIONS

SPRAY-MASTIC	ASTM D 4479, Type 1
SEMI-MASTIC	ASTM D 4479, Type 1
TROWEL-MASTIC	ASTM D 4586, Type 1

All products comply with U.S. EPA VOC content requirement.

FEATURES/BENEFITS

- 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 … no special equipment needed.
- Available in spray-, brush-, and trowel-grades ... meets a broad range of applications for maximum versatility.
- VOC compliant … meets the U.S. EPA Architectural Coatings Rule requirements

COVERAGE*

SPRAY-MASTIC

As a primer (two-coat system): Approximately 70-100 ft.^{2}/gal. (1.71 to 2.45 m^2/L)

Exterior Below-Grade Dense Surfaces, Exterior Below-Grade Porous Surfaces, Interior Above-Grade Surfaces:

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

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

SEMI-MASTIC & TROWEL-MASTIC

Exterior Below-Grade Dense Surfaces, Exterior Below-Grade Porous Surfaces, Interior Above-Grade Surfaces:

(One-coat, $^{1}/_{16}$" wet film thickness): Approximately 20-25 ft.^{2}/gal. (0.5 to 0.6 m^2/L).

(One-coat, $^{1}/_{8}$" wet film thickness): Approximately 10-12.5 ft.^{2}/gal. (0.25 to 0.3 m^2/L)

*Coverage may vary due to porosity and condition of concrete.

LEED INFORMATION

May help contribute to LEED credits:

- EQ Credit 3.1: Construction IAQ Management Plan: During Construction
- MR Credit 5.1: Regional Materials: 10% Extracted, Processed & Manufactured Regionally
- MR Credit 5.2: Regional Materials: 20% Extracted, Processed & Manufactured Regionally

CONTINUED ON REVERSE SIDE…

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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 methods 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. Do not apply when temperatures below 35° F (2° C) are anticipated. Do not apply in rain or when rain is threatening.

MIXING … SEMI-MASTIC and SPRAY-MASTIC should be thoroughly stirred in their respective containers prior to application. TROWEL-MASTIC can be applied directly from the container.

EXTERIOR BELOW-GRADE DENSE SURFACES

Apply SEMI-MASTIC (brush- or spray-grade) and SPRAY-MASTIC (spray-grade) by soft bristle brush or suitable spray equipment* or TROWEL-MASTIC by trowel.

Dampproofing 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 TROWEL-MASTIC, SEMI-MASTIC, or SPRAY-MASTIC on porous surfaces, such as block, according to dense surface application. Within four hours, apply a glass fabric membrane cloth over all coating surfaces. Overlap all edges by 3" (76 mm) minimum. Press firmly into place without wrinkles. Application of the second coat of TROWEL-MASTIC, SEMI-MASTIC, or SPRAY-MASTIC 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 TROWEL-MASTIC in one coat, as described under dense surface application.

3. PARGE-COAT SYSTEM: Before application of SEALMASTIC, apply a heavy parge-coat of cement mortar for surface preparation. The 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 two brush or spray coats of SEMI-MASTIC or SPRAY-MASTIC, or one coat of TROWEL-MASTIC, as described under dense surface application.

BACKFILLING

Backfilling should be done within 24 to 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 sunrays should be minimized.

INTERIOR ABOVE-GRADE SURFACES - VAPOR RETARDER

TROWEL-MASTIC, SEMI-MASTIC, and SPRAY-MASTIC 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 naptha. Solvent manufacturer precautions should be adhered to when using a solvent for cleanup.

PRECAUTIONS

Handle as a combustible product. Read and follow application information and precautions. Refer to Material Safety Data Sheet for complete health and safety information.

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.