MasterFormat: 07 11 13

FEBRUARY 2020
(Supersedes December 2008)

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 SEALMASTIC SPRAY-MASTIC™, a non-fibered asphalt compound for use where spray application is desired; SEALMASTIC SEMI-MASTIC™, a brush or spray-on fibered asphalt compound designed to protect exterior below-grade masonry walls; and SEALMASTIC 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.

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.

PACKAGING

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

COVERAGE

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.

SHELF LIFE

When stored indoors in original, unopened containers at temperatures between 40° - 90° F (4° - 32° C), optimum performance and best use is obtained within two years of date of manufacture.

SPECIFICATIONS

SEALMASTIC Spray-Mastic
- ASTM D4479, Type 1

SEALMASTIC Semi-Mastic
- ASTM D4479, Type 1

SEALMASTIC Trowel-Mastic
- ASTM D4586, Type 1

All products comply with U.S. EPA VOC content requirement, as well as CARB, Arizona Maricopa County, OTC Phase I and II, and Utah Department of Air Quality.

TECHNICAL DATA

VOC Content, g/L:

SEALMASTIC SEMI-MASTIC	215
SEALMASTIC SPRAY-MASTIC	237
SEALMASTIC TROWEL-MASTIC	193

APPLICATION

Surface Preparation ... All surfaces to be coated must be thoroughly cleaned of all frost, 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

CONTINUED ON THE REVERSE SIDE...

W. R. MEADOWS, INC.
P.O. Box 338 • HAMPSHIRE, IL 60140-0338
Phone: 847/214-2100 • Fax: 847/683-4544
1-800-342-5976
www.wrmeadows.com • info@wrmeadows.com

concrete with cement mortar and allow to dry. Do not apply when temperatures below 0° F (-17.8° 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.

Priming ... In situations where the concrete substrate is porous, or at temperatures below 40° F (4.4° C), to improve the bond of subsequent dampproofing coatings, a prime coat of SEALMASTIC SPRAY-MASTIC is recommended.

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 (Three Options):

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.

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.

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 and MEL-DRAIN™ from W. R. MEADOWS should be used. Prolonged exposure to ultraviolet sunrays should be minimized.

Interior Above-Grade Surfaces – Vapor Retarder ... SEALMASTIC TROWEL-MASTIC, SEALMASTIC SEMI-MASTIC, and SEALMASTIC 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 Safety Data Sheet for complete health and safety information.

LEED INFORMATION

May help contribute to LEED credits:
- EAp2: Minimum Energy Performance
- EAc2: Optimize Energy Performance
- MRc9: Construction and Demolition Waste Management
- EQc2: Low-Emitting Materials

For most current data sheet, further LEED information, and

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
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