

GUIDE SPECIFICATION FOR SEALMASTIC DAMPPROOFING (SOLVENT)

SECTION 07110

SOLVENT TYPE DAMPPROOFING COATING

Specifier Notes: This guide specification is written according to the Construction Specifications Institute (CSI) Format. The section must be carefully reviewed and edited by the Architect or Engineer to meet the requirements of the project. Coordinate this section with other specification sections and the drawings.

Specifier Notes: W.R. Meadows' SEALMASTIC Solvent-Type Dampproofings are asbestos-free, fibered and non-fibered asphalt compounds containing an exclusive wetting agent to convert a naturally hydrophobic surface to a hydrophilic surface to assure proper coating adhesion. 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.

SEALMASTIC Solvent-Type Dampproofing Coatings are ideal for reducing dampness and moisture infiltration through foundation walls, parapets, fire walls, 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.

PART 1 GENERAL

1.01 SECTION INCLUDES

- A. Surface preparation.
- B. Application of a solvent type liquid applied dampproofing membrane.

1.02 RELATED SECTIONS

Specifier Notes: Edit the list of related sections as required for the project. List other sections dealing with work directly related to this section.

- A. Section 02622 - Foundation and Underslab Drainage.
- B. Section 03300 - Cast-in-Place Concrete.
- C. Section 07100 - Membrane Waterproofing.

1.03 REFERENCES

- A. Spray or Brush-on dampproofing coating
 - 1. ASTM D4479-00 - Standard Specification for Asphalt Roof Coatings - Asbestos-Free.
- B. Trowel applied dampproofing coating
 - 1. ASTM D4586-00 - Standard Specification for Asphalt Roof Cement, Asbestos-Free.

1.04 SUBMITTALS

- A. Comply with Section 01330 - Submittal Procedures.

- B. Submit manufacturer's product data and application instructions.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Store materials in a clean dry area in accordance with manufacturer's instructions.
- C. Store at temperatures of 40°F (5°C) and above to facilitate handling.
- D. Do not store at temperatures above 90°F (32°C) for extended periods.
- E. Keep away from sparks and flames.
- F. Protect materials during handling and application to prevent damage or contamination.

1.06 ENVIRONMENTAL REQUIREMENTS

- A. Product not intended for uses subject to abuse or permanent exposure to the elements.
- B. Do not apply membrane when air or surface temperatures are below 35°F (2°C).
- C. Do not apply to frozen concrete.
- D. Do not apply when rain is imminent.

PART 2 PRODUCTS

2.01 MANUFACTURER

- A. W.R. Meadows, Inc., PO Box 338, Hampshire, Illinois 60140-0338. (800) 342-5976. (847) 683-4500. Fax (847) 683-4544. Web Site www.wrmeadows.com.

2.02 MATERIALS

Specifier Notes: The three types of solvent type dampproofing coatings 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; 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. All SEALMASTIC products meet the VOC content limits of 500 g/L for Bituminous Coatings and Mastics as required by the U.S. EPA Architectural Coatings Rule.

- A. Spray applied solvent dampproofing should be an asbestos-free, non-fibered asphalt compound that meets the U.S. EPA Architectural Coatings Rule requirements for VOC content.
 - 1. Spray-Mastic by W.R. Meadows.
- B. Brush applied solvent dampproofing should be an asbestos-free, fibered, asphalt compound that meets the U.S. EPA Architectural Coatings Rule requirements for VOC content.
 - 1. Semi-Mastic by W.R. Meadows.
- C. Trowel applied solvent dampproofing should be a heavy bodied, asbestos-free fibered, asphalt compound that meets the U.S. EPA Architectural Coatings Rule requirements for VOC content.
 - 1. Trowel-Mastic by W.R. Meadows.

2.03 ACCESSORIES

- A. Waterproofing Protection Course: Protection Course.
- B. Rolled Matrix Drainage System: Mel-Drain™ Rolled Matrix Drainage System.

PART 3 EXECUTION

3.01 EXAMINATION

- A. Examine surfaces to receive membrane. Notify Architect if surfaces are not acceptable. Do not begin surface preparation or application until unacceptable conditions have been corrected.

3.02 SURFACE PREPARATION

- A. Protect adjacent surfaces not designated to receive dampproofing.
- B. Clean and prepare surfaces to receive dampproofing in accordance with manufacturer's instructions.
- C. Do not apply dampproofing to surfaces unacceptable to manufacturer.
- D. Concrete surfaces must be clean, smooth and free of standing water.
- E. Patch all holes and voids and smooth out any surface misalignments.

3.03 APPLICATION

- A. Apply dampproofing in accordance with manufacturer's instructions.
- B. Ensure accessory materials are compatible with membrane and approved by membrane manufacturer.

3.04 PROTECTION

- A. Protect membrane on vertical and horizontal applications with immediate application of protection course, if no drainage system is used, or rolled matrix drainage system.
- B. Backfill within 24-48 hours using care to avoid damaging the dampproofing.

END OF SECTION