

**SECTION 09 67 00
FLUID-APPLIED FLOORING**

SPEC WRITER NOTES:

1. Use this section only for NCA projects.
2. Delete between //---// if not applicable to project. Also delete any other item or paragraph not applicable in the section and renumber the paragraphs. Delete waterproof membrane for slabs on grade.

PART 1 - GENERAL

1.1 DESCRIPTION

- A. This section covers a traffic bearing, trowel applied, vinyl resin, neoprene resin, or polyacrylate resin flooring system. //Incorporate a reinforced elastomeric waterproof membrane with the latex mastic flooring.//

1.2 RELATED WORK

- A. Color of Flooring: Section 09 06 00, SCHEDULE FOR FINISHES.

1.3 MANUFACTURERS AND INSTALLERS QUALIFICATIONS

- A. Approval by Contracting Officer is required of products or service of proposed manufacturer, suppliers and installers, and will be based upon submission by Contractor of certification that:
- B. Manufacturer regularly and presently manufactures latex mastic flooring as specified as one of his principal products.
- C. Installer has technical qualifications, experience, factory trained personnel and facilities to install specified items. Approval will not be given, however, where experience record is one of unsatisfactory performance.
- D. Manufacturer's product submitted has been in satisfactory and efficient operation on three installations similar and equivalent to this project for three years. Submit list of installations.

1.4 SUSTAINABILITY REQUIREMENTS

- A. Materials in this section may contribute towards contract compliance with sustainability requirements. See Section 01 81 11, SUSTAINABLE DESIGN REQUIREMENTS, for project // local/regional materials, // low-emitting materials, // recycled content, // _____// requirements.

1.5 SUBMITTALS

- A. Submit in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA, AND SAMPLES.

- B. Samples: Latex mastic flooring, troweled sample on plywood, 300 mm (one foot) square, each color specified; sample to be the thickness and composition of the selected flooring.
- C. Manufacturer's Literature and Data: Description of mastic flooring material // including waterproof membrane //installation instructions.
- D. Certificates:
 1. Document manufacturers' and installers' qualifications as specified.
 2. Provide certificate stating that latex mastic flooring meets specified requirements and that it is unaffected by urine or other body waste matter.
 3. Provide documentation from an independent testing agency, indicating compliance with the FloorScore standard.

1.6 PRODUCT DELIVERY AND STORAGE

- A. Deliver materials to the job site in original sealed containers, labeled for identification with the manufacturer's name and brand.
- B. Store the unopened containers in a dry enclosed area, where temperature is maintained at 10 °C (50 °F) or above.

1.7 WARRANTY

- A. Work subject to the terms of Article "Warranty of Construction" FAR clause 52.246-21.
- B. Warranty period extended to two years.

PART 2 - PRODUCTS

SPEC WRITER NOTES:

1. Make material requirements agree with applicable requirements specified in the referenced Applicable Publications. Update and specify only that which applies to the project.

2.1 LATEX MASTIC FLOORING

- A. Comply with requirements of FloorScore standard.

SPEC WRITER NOTES:

1. Delete waterproof membrane for slabs on grade.

//2.2 WATERPROOF MEMBRANE

- A. Neoprene emulsion or elastomeric polyurethane resin reinforced with fiberglass net or cloth //.

PART 3 - EXECUTION

3.1 PREPARING SUBFLOORS

- //A. Remove any existing resilient flooring and condition subfloors to provide smooth, clean continuous surfaces //. Fill holes and cracks in

concrete subfloors with a crack filler compatible with the specified mastic flooring //.

3.2 APPLICATION

//A. Install waterproof membrane in accordance with manufacturer's specifications and turn up on vertical surfaces behind base. //

//A. Trowel apply mastic flooring to a minimum thickness of 5 mm (3/16 inch) minimum. Application must be smooth, uniform and cannot reflect slight imperfections in the sub-floor.//

B. Cove Base:

1. At the intersection of the wall with the floor, create a 13 mm (1/2 inch) radius cove and extend the floor material up the wall 150 mm (6 inches).
2. Feather top of base to a uniform line. Coordinate the top of the base with the wall finish application to provide a water tight intersection.

C. Slab Penetrations: Projections through the slab such as columns and pipes to receive the integral treatment specified for the base. Trowel the material into the deck flange of floor drains to provide a water tight installation.

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