

**DIVISION 09 – FINISHES**  
**09 67 00 FLUID-APPLIED FLOORING**  
**09 67 16 EPOXY-MARBLE CHIP FLOORING**

**PART 1 - GENERAL**

1.01 SINGLE SOURCE RESPONSIBILITY

- A. Provide primers, coatings, and accessory materials produced and approved for use by the same manufacturer.
- B. Preferred manufacturers are listed below for all product categories. Submit proposed alternatives through the WSU Project Manager. Alternative submittals require review and approval by the WSU Paint Shop.

**PART 2 - PRODUCTS**

2.01 RESTRUCTURING MATERIALS

- A. Preferred Manufacturers:
  - 1. SEMCRETE 610 Polymer Concrete
  - 2. Daich Spreadrock Trowel-On Resurfacer

2.02 COATING MATERIALS (COMMON AREAS, CORRIDORS, AND OTHER HIGH-TRAFFIC AREAS)

- A. Primer:
  - 1. Sentry SEMSTONE 110 Damp-Proof Epoxy Primer Sealer
  - 2. DaiHard WBP Epoxy Primer
- B. Base Coat:
  - 1. SEMSTONE 245 Solvent Resistant Novolac Epoxy
  - 2. DaiHard 100 Epoxy Floor Coating
- C. Aggregate:
  - 1. Kiln-dried 70 mesh Silica sand for slurry application (unless otherwise specified by manufacturer)
- D. Top Coat:
  - 1. SEMSTONE 245 Solvent Resistant Novolac Epoxy
  - 2. DaiHard 100 Epoxy Floor Coating

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2.01 COATING MATERIALS (LABORATORIES AND KITCHENS)

- A. New construction: Polyurethane-based primer/coating systems are generally preferred, due to greater thermal and impact resistance.
- B. Renovations and Renewals: Facility use and occupancy may limit the project to use of water-based primer/coating systems. Consult with the WSU Project Manager for determination.
- C. Primer:
  - 1. Benjamin Moore V156 Moisture Tolerant Fast Set Epoxy Sealer
  - 2. Sherwin Williams Armorseal Water-Based Epoxy Primer/Sealer
  - 3. BASF SRS Degadur System Primer
- D. Top Coat:
  - 1. Benjamin Moore Polyester Urethane Gloss V520
  - 2. Benjamin Moore Waterborne Amine Epoxy V440
  - 3. Sherwin Williams Armorseal HS Polyurethane Floor Enamel (self-priming)
  - 4. Sherwin Williams Armorseal Floor-Plex 7100 Water Based Epoxy
  - 5. BASF SRS Degadur System Wearing Layer / Sealcoat

**PART 3 - EXECUTION**

3.01 DELIVERY, STORAGE & HANDLING

- A. Before beginning work, the Contractor shall check all material at the project site for completeness and shipping damage. Containers shall be sealed and clearly marked with manufacturer's name, brand name and type of material as well as color number and or name.
- B. Store material in dry, enclosed area protected from sun, cold and moisture. Storage temperatures between 50° and 75° F shall be maintained.
- C. Protect from freezing, fire and hazards that could render the material unusable.
- D. When reinforcement fabric is required or appropriate, keep dry at all times.

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3.02 PROJECT CONDITIONS

- A. Concrete substrate shall be cured a minimum number of days specified by the epoxy product manufacturer prior to application.
- B. Ensure weather and site conditions (temperature, moisture, salinity, etc.) conform with the epoxy manufacturer's specifications prior to application.
- C. Ensure concrete substrate is clean and dry, and contains no curing compounds or accelerators prior to application.

**END OF SECTION**