
SECTION 09 67 20

EPOXY RESIN FLOORING

PART 1 - GENERAL

1.1 SUMMARY

- A. Section Includes: Provide epoxy based resinous flooring, including integral coved base and accessories as required for complete finished installation suitable for applications indicated.
 - 1. Locations: Provide as indicated in Finish Schedules including but not necessarily limited to food preparation areas, laundry, and back of house corridors.

1.2 SUBMITTALS

- A. Product Data: Furnish manufacturer's literature and maintenance instructions.
- B. Samples: Submit membrane applied to 1/4" plywood, or similar backing.
- C. Certifications:
 - 1. Project List: List minimum five projects of similar nature installed by applicator.
 - 2. Installer Acceptance: Submit manufacturer's certification installer is acceptable for this Project.

1.3 QUALITY ASSURANCE

- A. Installer Qualifications: Minimum of five years successful experience in application of flooring systems of type specified and acceptable to manufacturer of flooring system.
- B. Supervision: Manufacturer's representative shall supervise installation of system.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials in original manufacturer's sealed containers, identified with material name, date of manufacture and lot number.
- B. Store materials to prevent damage to containers; immediately remove damaged and unsuitable materials.

1.5 SITE CONDITIONS

- A. Slab Temperature: Minimum 50° F at time of installation.

PART 2 - PRODUCTS

2.1 SYSTEMS MANUFACTURERS

- A. Food Preparation Areas and Laundry:
 - 1. Crossfield Products Corp./Dex-O-Tex Positred O.
 - 2. Selby, Ucrete Division SKW-MBT/Selbaclad 425.
- B. Back-of-House Corridors:
 - 1. Crossfield Products Corp./Dex-O-Tex Décor Floor.
 - 2. Selby, Ucrete Division SKW-MBT/Selbatweed.
- C. Substitutions: Refer to Section 01 25 00.

2.2 MATERIALS

- A. System Description: Provide epoxy based resinous flooring including integral coved base and accessories.
- B. Epoxy Resin Material: Manufacturer's special chemical resistant resin specified and as recommended by manufacturer for applications indicated.
 - 1. Food Preparation and Laundry Flooring Thickness: Nominal 1/ 4".
 - a. Thermal Shock Areas: Provide special system recommended by manufacturers at hot line areas, with accessories as recommended by system manufacturer for applications indicated.
 - 1) Crossfield/Dex-O-Tex Tek-Crete.
 - 2) Selby/U-Crete.
 - 3) Substitutions: Refer to Section 01 62 00.
 - 2. Back-of-House Corridors Thickness: Nominal 1/16".
 - 3. Colors: As indicated, as selected by Architect from manufacturer's full range of colors where not otherwise indicated.
- C. Primer: Manufacturer's recommended primer complying with California limitations on volatile organic compounds as applicable.
- D. Subfloor Filler: White premixed latex-cement paste designed for providing thin solid surface for leveling and minor ramping of subsurface to adjacent floor finishes.
 - 1. Use material capable of being applied and feathered out to adjacent floor without spalling.
- E. Vapor Retarding Floor Sealer: Curing hardener sealer vapor retarder designed to prevent bond failure of flooring systems such as Creteseal (800-278-4273)/CS2000.
- F. Accessories: Provide as recommended by system manufacturer for applications indicated.

PART 3 - EXECUTION

3.1 PREPARATION

- A. Examine surfaces to receive resinous flooring.
 - 1. Application constitutes acceptance of substrate and conditions.
- B. Prepare surface for resinous flooring in accordance with flooring manufacturer recommendations but not less than following.
 - 1. Clean floor and apply, trowel and float filler to leave smooth, flat hard surface; prohibit traffic until filler is cured.
- C. Apply vapor retarding floor sealer in accordance with manufacturer recommendations and installation instructions.

3.2 INSTALLATION

- A. Comply with manufacturer's recommendations and instructions for application and quantities of materials.
 - 1. Mix and apply flooring materials in accordance with directions, minimum two coat system, two coats plus primer where recommended by manufacturer.

3.3 PROTECTION

- A. Protect completed floor surface as required from stains and damage by covering with reinforced construction paper or covering recommended by flooring manufacturer.
- B. Protect walls and surfaces of finished work of others against damage or soiling resulting from flooring work.
- C. Repair damage caused by flooring work; clean using methods and materials recommended by manufacturers of damaged surfaces; replace materials that cannot be repaired to match adjacent undamaged materials.

END OF SECTION