

Seaside Rehabilitation and Health Care Center  
Portland, Maine

SECTION 039300 - CONCRETE SEALER

PART 1 – GENERAL

1.1 SUMMARY

- A. This Section includes the following:
  - 1. Concrete sealer for interior exposed slabs.

1.2 SUBMITTALS

- A. Product Data: For each type of product indicated.

1.3 DELIVERY, STORAGE, AND HANDLING

- A. Deliver materials to Project site in manufacturer's original and unopened containers and labeled with type and name of products and manufacturers.
- B. Comply with manufacturer's written instructions for minimum and maximum temperature requirements and other conditions for storage.

PART 2 – PRODUCTS

2.1 LIQUID FLOOR TREATMENTS

- A. Penetrating Liquid Floor Treatment: Clear, chemically reactive, waterborne solution of inorganic silicate or silicate materials and proprietary components; odorless; that penetrates, hardens, and densifies concrete surfaces.
  - 1. Products: Subject to compliance with requirements, provide one of the following:
    - a. Curecrete Distribution Inc.; Ashford Formula.
    - b. Dayton Superior Corporation; Day-Chem Sure Hard (J-17).
    - c. Euclid Chemical Company (The), an RPM company; Euco Diamond Hard.
    - d. L&M Construction Chemicals, Inc.; Seal Hard.
    - e. Vexcon Chemicals, Inc.; Vexcon StarSeal PS Clear.

PART 3 – EXECUTION

3.1 PREPARATION

- A. Mask walls, base, frames, mop sinks, equipment doors, frames and other surfaces that could receive sealer spatter during application.
- B. Slab Preparation for Penetrating Sealer: Scrub floor with scotch brite pads and cleaning solution to remove coatings, joint compound, paint, stains, dirt, dust and other surface contaminants. Thoroughly rinse with clean potable water and dry surface, providing smooth clean surface to receive sealer.

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3.2 INSTALLATION

- A. Penetrating Sealer: Prepare, apply, and finish penetrating liquid floor treatment according to penetrating sealer manufacturer's written instructions.
1. Surface shall be dry and clean, free of dirt, dust, and stains. If surface is dirty from construction operations, clean surface with scrubbing machine and squeegee/vacuum water from surface. Surface shall be cured and dry before application.
  2. Apply liquid until surface is saturated, scrubbing into surface until a gel forms; rewet; and repeat brooming or scrubbing. Do not allow sealer to dry on surface. Rinse with water; remove excess material until surface is dry.

END OF SECTION 039300