

SECTION 09910

CONCRETE SEALER

PART 1 GENERAL

- 1.01 DIVISION OF RESPONSIBILITIES TERMINOLOGY: **NOT USED**
- 1.02 SUMMARY: Provide Concrete Sealer on interior concrete floors where scheduled on the drawings, as specified in this Section, and as needed for a complete and proper installation
- 1.03 SUBMITTAL: No submittal is required for the work of this Section IF provided per the construction documents Any Request for Product Substitution must be submitted per Section 01340-Submittals
- 1.04 DELIVERY, STORAGE AND HANDLING: The Contractor shall store materials in a dry, enclosed area protected from moisture exposure, and shall maintain the storage area's temperature in a range allowed by the manufacturer
- 1.05 WARRANTY: Provide the Manufacturer's Standard Product Warranty in the Building Maintenance Manuals submitted per Section 01700-Contract Closeout.

PART 2 PRODUCTS

- 2.01 CONCRETE SEALER/ HARDENER (Drawing Key "FC-08A"):
- A The Contractor shall provide "Seal Hard" Concrete Sealer, VOC compliant Densifier and Chemical Hardener, by L&M Construction Chemicals Inc., Omaha NE (800-362-3331; www.lmcc.com), where scheduled on the drawings.
  - B Acceptable Alternative: Provide "Day-Chem Sure Hard J-17", VOC compliant hardener, dustproofer and sealer, by Dayton Superior Chemical Division, Kansas City KS (877-416-3439;www.daytonsuperior.com).
  - C Acceptable Alternative: Provide Euco Diamond Hard, water-based VOC compliant liquid densifier and sealer, by the Euclid Chemical Company, Cleveland OH (800-321-7628; www.euclidchemical.com)

PART 3 EXECUTION

- 3.01 SURFACE CONDITIONS: Surfaces shall be clean and free of all contaminants, film-forming curing compounds or sealers. The Contractor shall correct conditions detrimental to timely and proper completion of the work of this Section, and shall not proceed until unsatisfactory conditions are corrected. Concrete must be cured for a minimum of three (3) days prior to the application of Concrete Sealer.
- 3.02 APPLICATION:
- A Preparation of existing concrete: Free the surface from all contaminants that would inhibit penetration of the product into the concrete surface, in a manner specifically approved by the product manufacturer. Sweep all areas to be treated, using a fine bristle broom, to remove all surface debris.
  - B The Contractor must keep the area receiving the Concrete Sealer not accessible to other trades during the floor preparation and product installation, and for a period of time as recommended by the product manufacturer.

END OF SECTION