

SECTION 09700

FLOOR SEALER

PART 1 - GENERAL

1.1 DESCRIPTION

A. Scope

1. Furnish and apply clear floor sealer to all concrete floors subject to foot traffic and which are not required to be covered with flooring materials

B. Additional Requirements Specified Elsewhere

1. Section 01340: Shop Drawings, Product Data, and Samples
2. Section 01600: Materials and Equipment

C. Related Requirements Specified Elsewhere

1. Section 03300: Cast-in-Place Concrete
2. Section 09650: Resilient Flooring

1.2 QUALITY ASSURANCE

A. Design Basis

1. Dayton Superior "Cure & Seal"
2. Protex "Acrychlor"
3. Sonneborn "Kure-N-Seal"
4. Or equivalent
5. Equivalent products of other manufacturers may be accepted subject to compliance with design, function, materials, and performance of the specified items

1.3 SUBMITTALS

- A. Furnish complete manufacturer's product data, certificates, and test data in accordance with Section 01340

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver in manufacturer's unopened containers and store at a temperature of at least 50°F

PART 2 - PRODUCTS

2.1 MATERIALS

A. Floor Sealer

1. Fast drying, water-clear, chemically neutral compound
2. Non-yellowing
3. Fed Spec TT-C-800, Type I, and ASTM C309
4. Minimum 18% solids
5. Minimum water retention: 0.039 gm/cm²

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Apply to all concrete floors subject to foot traffic and which are not required to be covered with flooring materials
- B. Two (2) coats of clear floor sealer in addition to any coats which may have been applied as membrane curing compound
- C. Prior to application of each coat, thoroughly clean the floor of all dirt, grease, oil, and other foreign matter
 1. All concrete surfaces to receive floor sealer shall be dry and clean
- D. Apply first coat at end of curing period and before any traffic is permitted on the floor
- E. Apply second coat after floor has been cleaned, in preparation for final inspection of the Work
- F. Apply in strict accordance with manufacturer's recommendations

END OF SECTION