

- B. Deliver materials in manufacturer's packaging including application instructions.

4.1.8 Environmental Requirements

- A. Temporary Lighting: Minimum 200 W light source, placed (2.5 m) above the floor surface, for each (40 sq m) of floor being finished.

4.1.9 Coordination

- A. Coordinate work under the relevant section of the Contract Document.
- B. Coordinate the work with concrete floor placement and concrete floor curing.

4.2 Part 2 Products

4.2.1 Compounds, Hardeners, and Sealers

- A. Non-Metallic Hardener: Premixed, dry powder, clear, emery aggregate and abrasion resistant hardener.
- B. Clear, waterborne, membrane-forming curing and sealing compound: ASTM C1315, Type I, Class A.
- C. Use Hardeners and Sealers in accordance with the manufacturer's recommendation. Obtain the engineer's approval prior to commencing the work.

4.3 Part 3 Execution

4.3.1 Examination

- A. Verify site conditions under the relevant section of the Contract Document.
- B. Verify that floor surfaces are acceptable to receive the work of this section.

4.3.2 Floor Finishing

- A. Finish concrete floor surfaces in accordance with ACI 301 and ACI 302.
- B. Float Finish: Consolidate surface with power-driven floats or by hand floating if area is small, or inaccessible to power driven floats. Re-straighten, cut down high spots, and fill low spots. Repeat float passes and re-straightening until surface is uniform, smooth and has a granular texture.
 - 1. Apply float finish to surfaces indicated, to surfaces to receive trowel finish, and to floor and slab surfaces to be covered with fluid-applied or sheet waterproofing, built-up or membrane roofing, or sand-bed terrazzo.
- C. Trowel Finish: After applying float finish, apply first trowel finish and consolidate concrete by hand or power-driven trowel. Continue troweling passes and re-