

straighten until surface is free of trowel marks and uniform in texture and appearance. Grind smooth any surface defects that would telegraph through applied coatings or floor coverings.

- D. Trowel and Fine-Broom Finish: Apply a partial trowel finish, stopping after second troweling to surfaces indicated and to surfaces where ceramic tile is to be installed by either thickset or thin-set method. Immediately after second troweling and when concrete is still plastic, slightly scarify surface with a fine broom.
- E. Broom Finish: Apply a broom finish to exterior concrete platforms, steps, and ramps, and elsewhere as indicated.
 - 1. Immediately after float finishing, slightly roughen trafficked surface by brooming with fibre-bristle broom perpendicular to main traffic route. Coordinate required final finish with Engineer before application.

4.3.3 Floor Surface Treatment

- A. Mineral Dry-Shake Floor Hardener Finish: After initial floating, apply mineral dry-shake materials to surfaces according to manufacturer's written instructions and as follows:
 - 1. Uniformly apply mineral dry-shake materials at a rate of 49 kg/10 sq.m unless greater amounts are recommended by manufacturer.
 - 2. Uniformly distribute approximately two-thirds of mineral dry-shake materials over surface by hand or with mechanical spreader, and embed by power floating. Follow power floating with a second mineral dry-shake application, uniformly distributing remainder of material, and embed by power floating.
 - 3. After final floating, apply a trowel finish. Cure concrete with curing compound recommended by dry-shake material manufacturer and apply immediately after final finishing.
- B. Apply sealer in accordance with manufacturer's instructions on floor surfaces.

4.3.4 Tolerances

- A. Finish and measure surface so gap at any point between concrete surface and an un-levelled freestanding 3.0m long straightedge, resting on two high spots and placed anywhere on the surface, does not exceed the following
 - 1. Maximum Variation of Surface Flatness for Exposed Concrete Floors: 6mm in 3 meters.
 - 2. Maximum Variation of Surface Flatness Under Seamless Resilient Flooring: