

## Bond Coat & Broom Finish

### Description:

Concreation Bond Coat & Broom Finish can be applied from a feather edge to 6.5 mm ( $\frac{1}{4}$ " ) inch thick over an existing concrete surface with a trowel or squeegee. Concreation Bond Coat & Broom Finish can be used for patching, leveling and a bonding agent for overlays or as a finished surface. Concreation Bond Coat & Broom Finish is typically used on driveways, pool decks, patios, walkways, residential interior floors, commercial interior floors, restaurants or wherever an innovative alternative to conventional flooring methods is desired. Concreation Bond Coat & Broom Finish is one of the most cost effective alternatives to removing and re-pouring new concrete.

Concreation Bond Coat & Broom Finish is recommended for interior and exterior residential and commercial applications.

### Applications:

- Bonding agent for overlays
- Concrete patching and leveling
- Broom finished concrete resurfacers
- Interior and exterior sound concrete surfaces
- Uneven / unlevel concrete floors
- Worn concrete surfaces

### Features & Benefits:

- Free flowing consistency for easy leveling
- Minimal shrinkage and resistance to cracking
- Extremely flexible
- High early strength
- Excellent bond strength
- Broad application spectrum
- Can be pigmented to provide colour

### Physical Properties:

All data based on a mixing ratio of 6.0 L (6.34 qt.) per 22.68 (50 lb.) bag of dry mix at 21°C (70°F). Physical properties and typical values are not specifications.

### Mixing Ratio:

6.0 L (6.34 qt.) of water per 22.68 Kg (50 lb.) bag

### Coverage:

18.580 m<sup>2</sup> - 23.225 m<sup>2</sup> per bag @ 1.58 mm (200 sq. ft. - 250 sq. ft. @  $>1/16$ " )

**Flow Time:** Approx. 45 min.  
**Initial Set (ASTM C191):** Approx. 60 min.  
**Final Set (ASTM C191):** Approx. 120 min.

**Compressive Strength**

**(ASTM C109/mod - Air cure only):** 53.7 MPa (7800 psi) @ 28 days

**Flexural Strength (ASTM C348):** 13.7 MPa (2000 psi) @ 28 days

**Bond Strength (ASTM C 882M):** 100% @ 28 days

**Walk on:** 24 hr.

**Grind:** 4 - 6 hr.

**Sealer Application:** WB Acrylic Sealer: Light spray followed with a back roller

**SB Acrylic Sealer:** Light spray

\* Concreation Bond Coat & Broom Finish is to be sealed only when it serves as the finished surface.

**Packaging:** 22.68 Kg (50 lb.) net wt. bags.

**Storage:** Store in a cool dry area. Do not leave bags exposed to sun or hot temperatures.

**Shelf Life:** 1 yr. if unopened.