

Description

Concreation Bond Coat & Broom Finish can be applied from a feather edge to 6.5 mm (¼ inch) thick over an existing concrete surface. For applications, greater than 6.5 mm (¼ inch), apply CCI-400 Bond Coat & Broom Finish in layers letting product dry for at least 2 hours between applications. 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.

Technical Data

To Use As A Bonding Layer

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:	18.58 m ² to 23.225 m ² per bag @ 1.58 mm (200 sq. ft. to 250 sq.ft. @ 1/16")
Flow Time:	45 minutes
Initial Set (ASTM C191):	Approx. 60 minutes
Final Set (ASTM C191):	Approx. 120 minutes
Compressive Strength (ASTM C109/mod - Air cure only):	> 4200 psi (29 MPA) @ 28 days
Flexural Strength (ASTM C348):	> 1300 psi (9 MPA)@ 28 days
Walkable:	24 hours
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 year if unopened.

TO Use As A Finished Trowel or Broom Finish

All data based on a mixing ratio of 3.8 L (2.5 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:	3.8 L (4.02 qt.) of water per 22.68 Kg (50 lb.) bag
Coverage:	1.627 m ² per bag @ 6.5 mm (18 sq. ft. @ ¼") 0.836 m ² per bag @ 12.7 mm (9 sq. ft. @ ½")
Flow Time:	10 minutes
Initial Set (ASTM C191):	Approx. 30 minutes
Final Set (ASTM C191):	Approx. 90 minutes
Compressive Strength (ASTM C109/mod - Air cure only):	> 5000 psi (35 MPA) @ 28 days
Flexural Strength (ASTM C348):	> 1800 psi (12.4 MPA) @ 28 days
Walkable:	24 hours
Grind:	4 to 6 Hours
Sealer Application:	GreenSil WSR: Light spray followed with a back roller Concrete and Masonry Sealer: Light spray
	*Concreation Canada Inc. CCI-400 Bond Coat & Broom Finish can be sealed ONLY when it serves as a 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 year if unopened.