

CPD® CWC 200

DESCRIPTION

CPD® CWC 200 is a brush applied one component (add water only) hydraulic cement based, dry polymer and silica fume slurry coat.

WHERE TO USE

CPD® CWC 200 is recommended for waterproofing and protecting exterior and interior concrete structures, block, brick, and steel. Applications include digesters, retaining walls, foundations, drainage trenches and other concrete structures.

BENEFITS

- \$ waterproofs concrete structures
- \$ high bond to concrete substrates
- \$ low shrinkage
- \$ applies quickly and easily by brush

PROPERTIES

Bond Strength.....	2-3 MPa (290-435 psi)
(ASTM D4541)	(100% adhesive failure)
Salt Scale Resistance.....	excellent
(ASTM C672)	
Working Time @ 25°C (77°F).....	45 minutes
Re-coat Time.....	15-40 minutes
	(depending on temperature)

The above information is representative of actual production runs. Independent test results may vary from the above by approximately ±10 %.

APPLICATION

SURFACE PREPARATION

All surfaces must be clean and free from dust, soot, oil, grease, form release agents, curing and sealing compounds, waxes, laitance, efflorescence or other contaminants. Remove any loose or powdery materials. High pressure water blast and sandblasting are acceptable methods of removal. All holes, cracks or deteriorated mortar joints must be repaired prior to application. If caulking is required use a solvent free joint sealant.

(A test should be conducted for compatibility). For exterior applications, protect landscape plants.

MIXING

Use a high RPM drill equipped with a jiffy mixer type blade. Measure 3.95 liters/1.1 U.S. Gal. of water into a clean pail or mixing container. Gradually add one bag of CPD® CWC 200 to water and blend until mixture is creamy, and lump free. **Stop mixer and allow mortar to sit for 5-10 minutes to fatten.** Remix prior to application. If required, an additional 0.57 liters/0.15 U.S. Gal. of water may be added for consistency, however do not exceed 4.6 liters/1.2 U.S. Gal of water in total.

PLACING

Two coats at 0.16 mm/6 mils each are required for maximum durability and to prevent pin holes in the coating. Depending upon desired finished texture, apply CPD® CWC 200 with a mortar brush, roller or heavy duty, airless sprayer or hopper gun rated for sanded mixtures. Maintain a uniform coating depth of 0.16 mm/6 mils. Allow initial coat to dry 15 to 20 minutes before beginning the second coat application. Drying times will vary with temperature and humidity. Initial coat must be dry enough to support second coat without sagging or agitating the base coat. Must be applied to a damp masonry substrate.

LIMITATIONS

- ? do not apply CPD® CWC200 when the surface or ambient temperature is or is expected to be below 5°C (40°F) within 24 hours of application or when rain is imminent .
- ? do not use on frozen or frost filled surfaces.

COVERAGE

CPD® CWC200 covers approximately 42-47m² @ 0.16mm (450 - 500ft² @ 6mils) per 11.3kg bag, mix applied in two coats (6mils/coat). Yield 9.9L (0.35 ft³)

Note: Coverage rates will vary depending on type of substrate and porosity of substrate.

PACKAGING

CPD® CWC 200 is a one component material packaged in 11.3kg. (25 lbs.) bags.

CLEAN UP

Clean tools and equipment frequently with water. Mechanical removal may be required if material dries and hardens. Cleanup any splatters, drips, or spills immediately with water.

STORAGE

Store on pallets in a dry, cool area, free from moisture and direct sunlight.

SHELF LIFE

One year from date of manufacture if kept in original unopened containers under normal warehouse conditions.

SAFETY PRECAUTIONS

Consult Material Safety Data Sheet (M.S.D.S.) for specific instructions. MSDS # 248.

WARRANTY

The recommendations made and the information herein is based on our own and independent laboratory experience, and is believed to be accurate under controlled conditions. However, no warranty or guarantee of accuracy is made because we cannot cover every possible application of product nor anticipate every variation encountered in weather conditions, job-conditions, methods used and types of surfaces on which the product is applied. The users shall make their own tests to determine the suitability of such products for any particular purpose.

CPD[®] makes no warranties with respect to this product, expressed or implied, including, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

CPD[®]'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD[®] product has been applied. CPD[®] reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD[®] shall have no other liability, including liability for incidental, consequential or resultant damages, however caused, whether due to breach of warranty, negligence, or strict liability.

THIS WARRANTY MAY NOT BE MODIFIED OR EXTENDED BY REPRESENTATIVES OF CPD[®], ITS DISTRIBUTORS OR DEALERS.