

# CPD® CWC 200 PLUS

## DESCRIPTION

CPD® CWC 200 PLUS is a fibre-reinforced cementitious slurry, consisting of dry cementitious premix Component A and liquid polymer Component B. It provides an excellent positive or negative side waterproofing.

## WHERE TO USE

CPD® CWC 200 PLUS is recommended for, but not limited to waterproofing and protecting concrete structures. Applications include waterproofing balconies and patios, concrete tanks, secondary containment structures, waste water tanks, tunnels, concrete slabs, balconies and patios with light foot traffic.

## BENEFITS

- low shrinkage
- waterproofs concrete structures
- high bond to concrete substrates
- easy to apply
- non slip finish
- excellent salt scaling resistance
- very good freeze/thaw resistance
- highly breathable
- suitable for water immersion applications

## PROPERTIES

Tensile Stress .....	1.7 MPa ( 246.5 psi)
ASTM D412	
Tensile Elongation .....	2.3%
ASTM D412	
Water Vapor Permeance .....	27.3 perms
ASTM E-96	
Salt Scaling .....	0.065 Kg./m <sup>2</sup>
ASTM C672 – 50 Cycles	
Hydraulic Impermeability.....	(0.48MPa) >70 psi
TTP1411	(Waterhead >49.2m/161Ft)
Bond Strength to Concrete.....	>1.6 MPa (232 psi)
ASTM D4541	

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 of all dust, dirt, oil, grease, form release, curing or sealing compounds, waxes, laitance, efflorescence or other contaminants. Remove any loose powdery material. 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 an acrylic joint sealant. For exterior applications, protect landscape plants from drips and spatters.

### MIXING

Use a 400-600 RPM drill equipped with a mixing paddle or jiffy type blade. Add liquid polymer Component B into a clean pail or mixing container. Gradually add Component A cementitious pre-mix slowly, mix for 5 minutes maximum. **Allow to sit for 5 minutes then remix prior to application.**

**Yield (mixed unit) approximately – 11L (.39 ft<sup>3</sup>)**

### Small Mixes by Volume

2.3 parts of loose powder + 1 part of liquid polymer

### PLACING

Apply first coat of mixed CPD® 200 PLUS to a pre-dampened substrate by roller, brush or spray to a minimum thickness of 12 mils. Allow first coat to dry for a minimum of 6 hours. After first coat has dried, apply a second coat of CPD® 200 PLUS to a minimum thickness of 12 mils.

### CURING

Under hot, dry or windy conditions, the applied product should be protected by applying in the early morning or late afternoon. Allow applied product to cure for 5-7 days prior to putting into service for immersion applications and 2 – 3 days for non immersion applications.

## LIMITATIONS

- do not apply CPD<sup>®</sup> CWC 200 PLUS when the air or substrate temperature is expected to be below 4.5°C (40°F)
- air and substrate temperature of 4.5°C (40°F) must be maintained for a minimum of 48 hours.
- do not use on frozen or frost filled surfaces.
- avoid direct sun exposure, heat, wind and rain for 24 hours

## Color

Concrete Grey, Light Grey, White

## COVERAGE

One unit of CPD<sup>®</sup> CWC 200 PLUS covers approximately 35m<sup>2</sup> @ .30mm (380ft<sup>2</sup> @ 12mil). Minimum two (2) coats required for a total minimum of .60mm (24mil) thickness.

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

## PACKAGING

CPD<sup>®</sup> CWC 200 PLUS consists of dry cementitious premix Component A, packaged in 11.3 kg (25 lb.) bags and liquid polymer Component B packaged in a 5L (1.32 US gal.) plastic pail.

## CLEAN UP

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

## STORAGE

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

## 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 #267A & 267B.

## 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<sup>®</sup> makes no warranties with respect to this product, expressed or implied, without limitation, the implied warranties of merchantability or fitness for a particular purpose.

CPD<sup>®</sup>'s liability shall be limited in all events to supplying sufficient product to re-treat and/or repair the specific area to which CPD<sup>®</sup> product has been applied.

CPD<sup>®</sup> reserves the right to have the true cause of any difficulty determined by accepted test methods. CPD<sup>®</sup> 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<sup>®</sup>, ITS DISTRIBUTORS OR DEALERS.