

CPD® 20 MINUTE SET

DESCRIPTION

CPD® 20 Minute Set is a ready-to-use, fast curing, high strength concrete repair compound with exceptional bond strength.

WHERE TO USE

Used to repair:

\$ curbs and gutters, sewer pipes, parking decks, piers, abutments, pre-cast and cast-in-place concrete, concrete piles and swimming pools

BENEFITS

- \$ initial set in 20 minutes and is hard in one hour
- \$ traffic or other service conditions can resume within hours of application
- \$ non-metallic, non-staining and non-toxic

PROPERTIES

Compressive Strengths (Trowelable Consistency)
(ASTM C-109-98) @ 24°C (75°F)

1 hour	24 hours	7 days	28 days
3.5MPa	13.8MPa	34.5MPa	48.3MPa
500psi	2000psi	5000psi	7000psi

Bond Strength (after 7 days): 6.9MPa (1000 psi)

Set Time at room temperature using a trowelable mix:

Initial - 10-15 minutes

Final - 25-30 minutes

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

APPLICATION

SURFACE PREPARATION

The surface to be repaired should be rough, clean and wetted with water prior to application.

MIXING INSTRUCTIONS

CPD® 20 Minute Set should be applied in a stiff, no slump consistency so that forms or other types of containers are unnecessary. Use 3.5L (0.78 US gal) of water per 25kg (55 lb) bag of CPD® 20 Minute Set. Mix approximately 2 minutes and place without delay.

Applications subjected to freeze-thaw cycles and thin patches should incorporate the use of CPD® Concentrated Latex Adhesive. CPD® Concentrated Latex Adhesive should be diluted 1:2 with water and used as an integral part of the mix. Do not exceed 3.5L (0.78 U.S. gal) of water per 25kg (55 lbs.) bag of material.

PLACING

Do not mix more than can be effectively placed in 15 minutes. This is especially important in warm weather. Do not re-temper. All freshly placed material should be cured with CPD® Acrylic Cure and Seal. Patches that contain CPD® Concentrated Latex Adhesive should be cured with CPD® Acrylic Cure and Seal (Water Base).

For most applications, use the product straight from the bag and mix with potable water. For exceptionally large or deep repairs (2" (50mm) or more), clean washed pea gravel may be added 50% by volume or weight of the patching compound.

LIMITATIONS

- \$ not suitable for constant immersion
- \$ do not use below 0°C (32°F)
- \$ not suitable for structural grouting
- \$ minimum thickness 6.4mm (1/4")

COVERAGE/YIELD

0.013m³ (0.46 ft³) per 25 kg (55 lb.) bag

PACKAGING

25 kg (55 lb) multi wall bags.

CLEAN UP

Clean all tools and equipment with potable water before product sets.

STORAGE

May be stored anywhere short term under a tarp on a pallet as long as the product is kept dry. For long term storage, store in a heated warehouse.

SHELF LIFE

Two years when stored under normal heated warehouse conditions.

SAFETY PRECAUTION

Consult Material Safety Data Sheet (M.S.D.S. for specific instructions. MSDS # 11.

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, 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.