

CPD[®] SUPERPLUG

DESCRIPTION

CPD[®] Superplug is a fast setting, hydraulic cement based plug for sealing joints and cracks in masonry and concrete. This product sets up in 3 minutes and can be used to patch pressure active leaks.

WHERE TO USE

- patching cracks that have pressure active breaks
- tilling tie rod holes
- sewage and water pipe repair

BENEFITS

- fast setting
- non-metallic
- non-staining
- chloride free

PROPERTIES

Compressive Strength (ASTM C109-98)

<u>5 minutes</u>	<u>10 minutes</u>	<u>15 minutes</u>	<u>30 minutes</u>
0.7MPa	1.4MPa	1.7MPa	2.1MPa
100psi	200psi	250psi	300psi

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

APPLICATION

SURFACE PREPARATION

Concrete substrate must be clean and sound. Cracks should be roughened and chiseled out to a depth and width of at least $\frac{3}{4}$ " (19mm). V-Shaped cuts should be avoided. Chisel cracks to a dovetail shape.

MIXING INSTRUCTIONS

Because of this product's rapid hardening properties, small amounts of CPD[®] Superplug should be mixed and utilized at any one time.

Add a sufficient quantity of water to a small amount of CPD[®] Superplug in order to produce a thick putty consistency.

PLACING

Knead this mixture into a ball and then force it into the crack using a trowel or hand pressure. For pressure active leaks, the grout **must** be rammed into the crack and **held** there under pressure for several minutes until solidification has taken place. This product will set quickly even if cold

mixing water is used and the surrounding temperature is cool. Do not mix/knead for more than 2 minutes.

LIMITATIONS

- not suitable for structural grouting
- not for application to below freezing substrate

COVERAGE/YIELD

0.009m³ (0.30 ft³) per 18.1 kg (40 lb) pail

PACKAGING

4.5 kg (10 lb) plastic pail

18.1 kg (40 lb) plastic pail

CLEAN UP

Wash hands after using. The use of rubber gloves and eye goggles is recommended when mixing and placing.

STORAGE

May be stored anywhere under a tarp as long as the product is kept dry.

SHELF LIFE

Two years in original unopened container. Not affected by freezing.

SAFETY PRECAUTION

Consult Material Safety Data Sheet (M.S.D.S.) for specific instructions. MSDS # 207.

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.

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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.

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