



# CPD® FLOOR HARDENER PRE-MIX (PREMIUM)

## DESCRIPTION

CPD® Floor Hardener Pre-Mix (Premium) is a factory blend of Portland cement and non-metallic floor hardener, and is ready to use. Plasticizers and dispersants are incorporated into the mix to ensure ease of placement. This hardener provides a high strength, hard wearing surface for industrial and commercial applications.

## WHERE TO USE

Applications include processing plants, water and recycling plants, warehouses, distribution facilities and suitable in areas exposed to abrasive and light to medium traffic.

## BENEFITS

- pre-mixed and ready to use
- high strength
- good abrasive resistance
- good resistance to impact and loading
- non-rusting
- suitable for interior use

## PROPERTIES

Composition.....	fine grained Basalt-Volcanic Origin (Traprock)
Compressive Strength.....	193MPa (28,000 psi) (Pure Hardener)
Hardness.....	7Mohs Scale
Specific Gravity.....	2.96
Absorption.....	0.00%

The above information is representative of typical values obtained under laboratory conditions. Variations can be expected due to on site conditions and/or other testing methods.

## APPLICATION

When the concrete has reached initial set and no free standing water is present on the surface. Float first then broadcast the hardener in two shakes. The first shake should be applied in one direction and power floated immediately.

The second shake should be applied in the opposite direction and power floated immediately.

A third power float may be needed for compaction. Protect floors from rain, wind and sunlight during the finishing operation.

**Note:** No admixture should be used in concrete base slabs without the written consent of the specifier. If more than 3% air content is present, consult a CPD® Representative.

## CURING

As soon as the final troweling is completed, and the surface is not subject to damage by application of equipment, apply a curing compound such as CIPADECK® Cure & Seal WB Colored or CIPADECK® Cure & Seal depending upon final usage of the floor.

## LIMITATIONS

CPD® Floor Hardener Pre-Mix (Premium) is not intended for use in areas where exposure to oxidizing, mineral and organic acids are present.

## COVERAGE

CPD® Floor Hardener Pre-Mix (Premium) should be applied at one of the following rates. Total application should be no less than:

	100ft <sup>2</sup>	10m <sup>2</sup>
Light Duty	75 lbs.	37 kg
Heavy Duty	165 lbs.	77 kg

## PACKAGING

22.7 kg (50 lb.) multi wall bags. Protect from moisture and store in protected area.

## STORAGE

May be stored short term anywhere under a tarp on pallets as long as the product is kept dry. Dry heated warehouse storage is recommended for extended storage.

Rev 12.18

## **SHELF LIFE**

One year from date of manufacture when stored in original, unopened package and in normal warehouse conditions.

## **SAFETY PRECAUTIONS**

Consult Safety Data Sheet for specific instructions. SDS # 12.

## **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.

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