

# CPD<sup>®</sup> CONCENTRATED LATEX ADHESIVE

## DESCRIPTION

CPD<sup>®</sup> Concentrated Latex Adhesive is a high quality non re-emulsifiable SBR latex adhesive for use as a bonding agent for concrete repair mortars or as a modifier for a topping to hardened concrete, masonry or similar surfaces.

## WHERE TO USE

Applications in conjunction with mortar, grout or concrete include repairing or resurfacing concrete floors, an integral bonding agent between new and old concrete, integral waterproofer above and below grade, gunite applications, bonding concrete to asphalt, feather edging, floors, sidewalks, swimming pools, bridges, walls, and reservoirs.

## BENEFITS

- \$ superior flexural, adhesive, impact strengths and excellent abrasion properties
- \$ provides good adhesion in repair applications.
- \$ increase the durability of the concrete topping under heavy traffic conditions
- \$ protects against the effects of freeze/thaw conditions
- \$ decreases the permeability of the concrete to de-icing salts
- \$ when mixed with mortar or grout, this product forms an adhesive bond that is impervious to oil, gasoline, dilute acids and alkali solutions

## APPLICATION

### SURFACE PREPARATION

Surface must be clean and sound. Remove all grease, oil, and foreign matter. Unsound concrete should be removed by mechanical means such as scarifying. The surface should be thoroughly dampened prior to application of adhesive mixture.

### MIXING (by volume)

Latex Slurry Bond Coat - Sample Mix:

- 10kg (22 lbs) Type 10 Cement
- 4.5L (1.18 US gal) CPD<sup>®</sup> Concentrated Latex Adhesive
- Dilute 1/1 by volume with potable water
- Mix Yield: Approx 7 Litres (1.8 US gal)

### Mortar Topping (by weight)

- 5 parts Portland Cement
- 15 parts concrete sand
- 1 part CPD<sup>®</sup> Concentrated Latex Adhesive
- 1-2 parts Water (approximately)

### Concrete Topping (by weight)

- 5 parts Portland Cement
- 10 parts sand
- 10 parts gravel
- 1 part CPD<sup>®</sup> Concentrated Latex Adhesive
- 1-2 parts Water (approximately)

Note: Cement fines varies widely. Fines determines water demand. Always do a small trial mix prior to proceeding with job.

## CURING

Do not moist cure latex adhesive mixtures. Cure with CPD<sup>®</sup> Acrylic Cure and Seal (Water Base). Cure may be applied by brush, roller, or spray immediately after final set or after finishing operations have been completed.

CPD<sup>®</sup> Concentrated Latex Adhesive is not recommended for:

- use at temperatures below 4.5°C (40°F) or above 30°C (86°F) during application
- use in conjunction with air entraining admixtures
- use in areas where in-service temperatures exceeds 100°C (212°F)

## COVERAGE

Dependent on specific mix design. For slurry bond coat coverage per litre will be .50m<sup>2</sup>/L at 80mils (20ft<sup>2</sup>/US Gal.) approximately.

## PACKAGING

- 208L drums (55 U.S. gal) - 234 kg/drum (520 lbs)
- 18.9L pails (5 U.S. gal) - 22 kg/pail (48.5 lbs)
- 3.79L poly bottle (1 U.S. gal)-(4/carton) 18 kg/(39.6 lbs)

## CLEAN UP

Clean all tools with water shortly after use and before latex dries.

## STORAGE

Keep from freezing prior to use. Store in a heated warehouse above 4.5°C (40°F).

## SHELF LIFE

Two years 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 #56

## **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> 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.