



Concrete Adhesive CB-4000

47% Solids Professional Concrete Admixture

Description:

Concrete Adhesive CB-4000™ is a 100% acrylic polymer with 23% solids, designed for use as a concrete bonding agent and admixture for cement based materials and mixes. This acrylic polymer will significantly improve adhesion and cohesion as well as tensile, compressive, flexural and properties of cement based mixtures. Concrete Adhesive CB-4000™ will never re-emulsify when exposed to water. It will also improve freeze/thaw stability of Portland cement based products.

Product Advantages:

- Extra bonding properties
- Improves curing
- Reinforces cement
- Water resistant
- Increases strength
- Non-flammable
- Retains plasticity
- Meets ASTM C-1042 y ASTM C-932
- Meets ASTM C-631

Use:

Used to be added to mixing water for preparation of Portland cement mix to be used to repair holes, voids and weakened areas of a concrete surface. For concrete repair, patching, structural repairs and floor toppings.

Mixing Ratio:

Always mix mechanically while being careful to avoid high speeds. Do not over mix.

- Normal Ratio (3:1):
1 part Concrete Adhesive CB-4000
to 3 parts water
- Increased Properties (1:2):
1 part Concrete Adhesive CB-4000™
to 2 parts water
- Maximum properties:
1 part Concrete Adhesive CB-4000™
to 1 part water

Surface Preparation:

All surfaces to be bonded must be clean, dry and free of contaminants such as dust, sand, oil and grease films.

Product Data:

Product Type:	Acrylic Polymer
Finish color:	Transparent
Solids (%):	23 ± 2% by weight 20 ± 2% by volume
Weight/Gallon:	8.5 ± 0.05 lb. (3.9 ± 0.0 2kg.)
Drying Time:	20-30 minutes
Sizes:	55 gallons 5 gallons 1 gallon
Thinning:	with water
Viscosity:	1900 - 2800 CPS
Flash Point:	Non-flammable
Coverage	250 ft. ² /gal. (23.3m ² /gal.)
VOC:	<50 g/L

Notice: The technical data contained herein are true and accurate to the best of our knowledge. Published technical data and instructions are subject to change without prior notice.

S.D.S.: Available upon request.

Product Information:

Storage: Protect from freezing; store in a cool, dry place at room temperature. Product must be used within one year of purchase.

Mixing: Always mix thoroughly by hand or with a power agitator before application.

Cleanup: Clean all equipment immediately after use with warm soapy water. Completely flush all spray equipment with this solution.

Application Method:

As admixture to increase adhesion:

1. Thoroughly mix all cement and sand first. Sand must clean, free of clay and dry.
2. In a clean bucket, pre-mix CB-4000 with clean water, depending upon desired mixing ration.
3. Slowly add the pre-mixed CB-4000 solution to the cement / sand mixture and mix these together for 1-2 minutes to avoid entrapping air.
4. Using a good quality brush, apply a bond coat of the cement / sand and CB-4000 mixture to the entire surface to be repaired, patch or covered with concrete plaster. Mix vigorously into the surface to eliminate any air pockets.
5. Apply the mix you have prepared to the surface while the bond coat is still wet or tacky. Maximum time for placement should not exceed 20 minutes. Higher air or surface temperature will decrease placement time. Avoid over-troweling. The trowel being used should be cleaned frequently, Kept wet and used with minimal pressure.

Danger/Warning :

Use only with adequate ventilation. Ventilation must be sufficient to limit exposure below S.D.S. limits. Do not apply when temperature is below 40° F (5° C). Keep from freezing.

Warning!: Keep out of reach of children. Do not take internally.

For chemical emergency call ChemTrec 1-800-424-9300 (USA) or 1-703-527-3887 (International).

Limitations & more information:

Read Safety Data Sheet prior to use. Go to www.lancopaints.com. Protect from freezing.

