

Technical Data Sheet



1. PRODUCT NAME

BULL-BOND SUPER PC™

Concrete Patching Compound/Admix

2. DISTRIBUTOR

CONSPRO CORPORATION

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3. PRODUCT DESCRIPTION

Super PC™ Is a patching and topping compound specifically designed to bond fresh cement toppings, overlays, stucco and mortars to structurally sound substrates such as concrete, brick, masonry, metal, glass, wood, wallboard, Styrofoam, EIFS, etc.

Bull-Bond® Super PC™ is a non-emulsifiable, non-reactivated synthetic bonding emulsion for cement mortars plasters and concrete. It is also used as an admixture or integral bonding additive to improve the physical properties of Portland cement mixes, plaster, stucco, underlayments and mortars.

4. MAIN APPLICATIONS

- Bonding interior toppings and overlays.
- Patching, resurfacing and repairing concrete surfaces and non-moving cracks.
- Bonding exterior plaster and stucco to concrete.
- Preparing interior underlayment and modified tile setting mortars with improved bonding and water resistance.
- EIFS Building Systems.

Super PC™ can also be used as a concrete additive to improve the adhesion of concrete and to assure the proper hydration of Portland cement in thin sections, underlayments and patching work.

Bull-Bond® Super PC™ used as a concrete admix or integral additive will prevent crumbling/cracking of cement mixtures, repair mortars and plaster improving their physical properties, bonding, flexural/tensile strengths and durability.

5. INSTRUCTIONS FOR USE

1. Surfaces to be coated must be clean, damp, free or dirt, grease, dust, and foreign matter. It is recommended to wet the surface with water before applying **Super PC™** to promote a stronger bond and allow for a longer working time.
2. Apply **Super PC™** with roller or brush at a rate of 100 - 250 square feet/gallon, forming a continuous unbroken film. Coat only the areas of surface that can be covered with new concrete or mortar before **Super PC™** dries out.
3. **Important:** Place the new concrete, mortar, stucco or plaster into the applied film of **Super PC™** while it is wet and tacky; not more than 30 minutes after application.

CAUTION:

Mortars or cement mixtures applied to dry, clear films of **Super PC™** could not bond properly. If film dries out, recoat area with more fresh **Super PC™** before plastering or applying the new cement mix.

5.1 Admix Application Instructions

Super PC™ can be used as a cement admixture to improve bonding, to reinforce thin indoor floor underlayments, to thin-coat (refinish) concrete, to improve bonding of cement mixes and for water resistant stucco, plaster finishes and resurfacings.

Add 1-2 gallons of **Super PC™** for each 94 lbs. (1bag) of Portland cement in the overlay/topping mix. Pre-mix the sand and cement, then add the **Super PC™** and an equal amount of water. Assess flow of mix and adjust with the water necessary to give the required consistency.

Apply the modified mix to a thoroughly damp surface with no standing water or puddles. Also **Super PC™** modified mortars can be placed on previously coated substrates, with **Super PC™** at rate of 100-250 square feet per gallon. Brush some of the modified mix into the wet surface with a hard bristle broom. Place the bulk of the overlay/ cement mix and finish using standard mortar equipment and techniques. Over finishing the surface must be avoided. Once an initial satisfactory surface is obtained refinishing will cause drags or tears in the final concrete surface finish.

Overlays, toppings, stucco and mortars applied with this system will not require wet curing in normal conditions. However, large areas exposed to severe drying conditions and wind should be covered with wet burlap or polyethylene sheets when the final set of the mix has occurred and the surface will not be damaged by the plastic sheet or wet burlap.

Note: DO NOT REMOVE the wet burlap or polyethylene sheets earlier than twenty-four hours after covering. Preferably, keep area wet for at least 2-3 days. Then remove plastic and continue curing at ambient conditions.

6. LIMITATIONS

Super PC™ is not recommended for applications where the final mortar product will be exposed to constant moisture, standing water or immersion.

Super PC™ might not improve adhesion to plastic surfaces such as polyethylene, polyvinyl chloride, polymethyl methacrylate and similar compounds. Surface preparation of plastic materials is critical to assure an effective/durable bond at the **Super PC™** and concrete/mortar glue line. Trial tests to evaluate the bonding of plastics are suggested.

7. SUPER PC™ TECHNICAL INFO

1. Density: 8.50 Lbs/gallon.
2. Viscosity: 3,000 ± 500 cps.
3. Percent Solids: 40 – 45 %_w
4. pH: 4.5 - 7.0
5. Color: Wet – Milky white.
Dry – Clear/ Hazy film.
6. Composition: Water borne polymer.
7. Mixing Ratio: One Component.
8. Clean-Up: Tap water and soap.
9. Odor: Mild. Characteristic.
10. Tensile Bond (ASTM C1404): > 450 psi.
11. Shear Bond (ASTM C1042): > 600 psi.
12. Neat Coverage Rate = 100 – 250 sq ft/gal.
13. Polymer/Cement Ratio = 7.0% - 15.0%_w
14. Shelf Life = 12 months

7.1 Specifications/Standards

Super PC™ exceeds the performance standards of **ASTM C-631**, **ASTM C-932** and **ASTM C-1059 Type I and Type II** specifications for latex concrete bonding adhesives.

8. STORAGE AND SHELF LIFE

Store in dry inside area at room temperature. Do not store **Super PC™** in other than original containers. Do not store below freezing. Product has a shelf life of 1 year if properly stored away from direct sunlight and in factory sealed containers.

9. SAFETY AND FIRST AID

Material is considered a Non-Hazardous product. **READ MSDS BEFORE USE.**

The following are the suggested first aid procedures for product exposure emergencies.

Inhalation - Remove to fresh air. Seek medical attention if lung irritation persists.

Eye and Skin Contact - Promptly wash eyes with plenty of water for 15 minutes. Consult a physician if irritation persists. Wash skin with soap and water.

Ingestion - Drink plenty of water, may cause irritation of the mouth, throat, or stomach. Do not induce vomiting. Call a physician.

Seek medical attention for all overexposures. **KEEP OUT OF REACH OF CHILDREN.** Children can fall into open bucket and drown.

Use with adequate ventilation. Wear eye protection and rubber gloves when handling product.

Read MSDS Before Use.

10. PRODUCT AVAILABILITY

Super PC™ is available from hardware stores and construction materials suppliers in the following packages:

- 55 gallon drums.
- 5 gallon plastic pails.
- 1 gallon plastic cans. (4 per case).

If product is not found in your area please contact **CONSPRO CORPORATION** at:

TEL: (787) 653-4900
FAX: (787) 653-4949

E-mail: info@conspro.com

We will advise you of dealers/distributors in your area to purchase the **Super PC™**.

11. DISCLAIMER INFORMATION

CONSPRO CORPORATION products are designed to be used by competent persons in accordance with current published instructions and technical data. These materials are for use in the construction industry trade or for professional or industrial use.

We can not be responsible for problems caused by inferior workmanship, conditions unknown or beyond our control, or by the use of faulty secondary materials integrated to our product's final system use.

To be valid, all defective product claims must be received in writing; 180 days from the day of shipment or delivery. No claims will be considered without such written notice or after the specified time interval.

CONSPRO CORP. will promptly investigate all reported claims. Our investigator will prepare a written/oral report describing the nature of the problem and his explanations for the reported difficulties. An authorized officer of the Corporation will handle all complaints and resolve any pending problems after this point.

The user shall determine the suitability of the product for his intended use before application and/or use. The user assumes all liabilities and risks whatsoever in connection the use and application of the product. All claims are voided if product is used contrary to CONSPRO CORP. published instructions.

12. PRODUCT WARRANTY

CONSPRO CORPORATION WARRANTS THAT THE PRODUCT DISTRIBUTED, *Super PC™*, IS OF EXCELLENT QUALITY IS FORMULATED TO EXACTING STANDARDS AND COMPLIES WITH THE SPECIFICATIONS ON THE PRODUCT LABEL AND DATA SHEETS.

IF ANY MATERIAL IS FOUND DEFECTIVE OR NOT USABLE, CONSPRO CORPORATION WILL PROMPTLY REPLACE THE DEFECTIVE OR DAMAGED MATERIAL TO THE PURCHASER OR WILL REFUND THE PURCHASE PRICE.

CONSPRO CORP. LIABILITY IS STRICTLY LIMITED TO REFUNDING THE PURCHASE PRICE OR TO REPLACE THE DEFECTIVE MATERIAL WITH AN EQUAL OR SIMILAR PRODUCT.

THIS WARRANTY IS MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESSED OR IMPLIED, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND OR FITNESS FOR USE WHICH ARE HEREBY DISCLAIMED.

IT IS UNDERSTOOD AND AGREED THAT BUYER'S SOLE REMEDY AND THEREFORE SELLER'S LIABILITY WHETHER IN CONTRACT, TORT, UNDER ANY WARRANTY IN NEGLIGENCE, OR OTHERWISE, IS LIMITED TO THE RETURN OF THE PURCHASE PRICE.

ANY AND ALL PROBLEMS, CONTROVERSIES, DISPUTES ARISING OR REGARDING THE USE, WARRANTY, RECOMMENDATIONS, EFFECTIVENESS, DURABILITY OR OTHERS; INVOLVING THIS PRODUCT WILL BE RESOLVED ONLY BY ARBITRATION IN THE COMMONWEALTH OF PR PER APPLICABLE PR ARBITRATION RULES AND PROCEEDINGS IN EFFECT AT THE TIME THE CLAIM IS KNOWN.

ALL WARRANTIES ARE VOIDED IF THE PRODUCT IS USED CONTRARY TO **CONSPRO CORPORATION WRITTEN INSTRUCTIONS AND PUBLISHED TECHNICAL DATA SHEETS.**

For additional product information check our web pages at:

www.conspro.com

www.bull-bond.com

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