



Top'n Bond Concrete Resurfacer



Title: Applicable Sections of Division 3 & 9
Sub-Title: Polymer Hydraulic Cement Based Repair Mortar

DESCRIPTION:

BONSAL® Top'n Bond® is a polymer modified sand cement repair mortar.

FEATURES AND BENEFITS:

- Bonds to existing concrete and masonry
- Can be feather edged
- Quality controlled
- Scientifically proportioned
- Factory blended
- Poly-lined moisture resistant bag (40 lb)
- Convenient plastic tub (10 lb)
- No other bonding agent needed
- Just add water and mix

APPLICATIONS:

- For applications from 1/2 inch (13 mm) to feather edge.
- For refinishing, patching and general repairs to concrete walks, walls, driveways, patios and masonry.

SAFETY:

Read and understand the MSDS before using this product. KEEP OUT OF REACH OF CHILDREN.

PREPARATION:

Use only when the product, air and surface temperature are above 50° F (10°C) and remain above 50° F (10° C) for a minimum of 24 hours. The substrate must be sound, clean, hard and free of dust, dirt, grease, oil, paint, sealers, curing compounds and other materials that will interfere with the bonding of the new material.

Do not mix any materials with this product other than water

MIXING:

Add water a little at a time until the desired consistency is reached. When mixing small amounts use approximately 6 parts powder to 1 part water by volume. When mixing entire container, see table below. After mixing allow material to stand for 5 minutes. Material may stiffen during this time. Remix material. If too stiff add a small amount of water to achieve desired consistency. Avoid a soupy mix. Excess water reduces strength, durability and bond, and can cause cracking. In cold weather use warm water to accelerate the set. Use cool water to slow the set in hot weather. Re-tempering impairs performance. Do not mix more than can be used in 30 minutes.

10 lb. (4.5 kg) 1.5 pts. (0.7 L)

40 lb. (18.1 kg) 3 qts. (2.8 L)

Water amounts are approximate.

PLACEMENT & FINISHING:

Dampen the area to be patched. Remove standing water. Place BONSAL Top'n Bond® into the area to be repaired. Work the mix into the voids of the existing concrete. Level the patch and finish to desired texture. Do not wet the surface with water after troweling has been completed.

BRUSH COAT APPLICATION:

Lightly dampen the surface. Mix to a thick paint consistency. Apply with a soft bristle broom or paint brush.

CURING:

Requires no special curing under normal conditions. When exposed to direct hot sun light, shade patched area for 24 hours. Patched area may be opened to foot traffic after 1 day and vehicular traffic after 3 days.

STORAGE:

Store in a tightly closed container off the floor in a dry place.

TECHNICAL DATA: (Typical results)

Compressive Strength

ASTM C 109

7 day 4,000 psi (28 MPa)

28 day 5,000 psi (34 MPa)

Bond Strength

ASTM C 882

28 day 1200 psi (8 MPa)

LIMITATIONS:

- **DO NOT** apply more than 1/2 inch thick in a single application
- **DO NOT** add bonding agent
- **DO NOT** place when temperatures are below 40°F (4°C)
- Protect from freezing for 24 hours

COVERAGE:

Container size

10 lb. (4.5 kg) .11 cu. Ft (.003 cu. m)

40 lb. (18.1 kg) .45 cu. Ft. (.012 cu. m)

To determine the number of containers needed: Multiply (length x width x depth) divided by yield

PACKAGING:

10 lb. tub (4.5 kg) - UPC: 0-50605-00143-8

40 lb. bag (18.1 kg) - UPC: 0-50605-00144-5

Not all sizes available in all areas

Technical Assistance
1-800-334-0784

WARNING! CAUSES IRRITATION – Avoid contact with eyes, skin and clothing. Wash thoroughly after handling. Exposure may result in irritation of the skin, eyes, or nasal passages from alkali in cement. When wet, contact with the skin or eyes may result in irritation or burns. **FIRST AID:** In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get prompt medical attention; for skin, wash thoroughly with plenty of soap and water.

HARMFUL IF INHALED – Avoid breathing dust. Keep container closed. Use with adequate ventilation. Excessive exposure by inhalation over an extended period of time may result in the development of pulmonary diseases including pneumoconiosis and silicosis. Crystalline Silica has been classified by IARC and NTP as a carcinogen.

LIMITED 1 YEAR WARRANTY FROM DATE OF MANUFACTURE: Bonsal American warrants that this product and the materials used therein meet or exceed the applicable standards listed and enforced at the time of manufacture. Bonsal American will replace any product or part which proves defective due to quality of ingredients used or due to the manufacturing process itself. This Warranty shall apply only if the product is used in strict accordance with applicable specifications and instructions provided by Bonsal American for its use, and Bonsal American shall not be liable otherwise. Replacement of any defective product, or, at Bonsal American's option, refund of the purchase of any defective product shall be the buyer's sole remedy under this Warranty, and Bonsal American shall in no event be liable for any damages in excess of the purchase price of the defective product. **BONSAL AMERICAN SHALL IN NO EVENT BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL OR SPECIAL DAMAGES.**

This Warranty constitutes the sole warranty given by Bonsal American in connection with this product, and Bonsal American has authorized no person to make or give any other warranties or representation, oral or written on its behalf. **IN PARTICULAR, THERE ARE NO IMPLIED WARRANTIES, INCLUDING WITHOUT EXCEPTION WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.** No modification of this Warranty in favor of any buyer shall be valid unless given in writing and signed by an officer of Bonsal American.



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8201 Arrowridge Blvd., Charlotte, NC 28273
www.bonsalamerican.com

E-Mail: commercialproducts@oldcastleapg.com