

B-30**BONDING AGENT FOR CONCRETE, STUCCO & PLASTER**

PRODUCT DESCRIPTION: Specco B-30 is a P.V.A. based copolymer liquid used to bond new concrete, mortar, stucco, plaster and other cement or gypsum based materials to existing, clean, structurally sound surfaces. Specco B-30 may be used integrally in the mix or as a bonding primer for horizontal and vertical, interior and exterior applications. Specco B-30 is unaffected by the high alkalinity of gypsum, lime and cement and will rewet up to 72 hours for one time only after covering with cement based toppings. After the applied topping has been allowed to dry completely, the surface will be moisture resistant.

BENEFITS: INCREASES FLEXURAL & ADHESIVE (BOND) STRENGTHS... IMPROVES FREEZE-THAW CYCLING DURABILITY...REDUCES SHRINKAGE AND CRACKING... IMPROVES WATER REPELLENT PROPERTIES AND ACID RESISTANCE...HIGH SOLIDS...NON-YELLOWING

COMPOSITION: P.V.A. (Polyvinyl acetate) based homopolymer emulsion, modified with plasticizers.

| PHYSICAL PROPERTIES at 70° F (21°C): | APPROXIMATE VALUES: |
|---|----------------------------|
| Weight per Gallon: | 9.1 +/- 0.1 lb./ gallon |
| pH: | 4.5 +/- 0.5 |
| Color: | Milky white emulsion |
| Viscosity-Brookfield: | 2700 cps +/- 250 |
| Non-Volatile Solids (%): | 55.0 +/- 0.5 |

TECHNICAL DATA: Exceeds minimum bond strength requirements per ASTM C 1059 / C 1042 Type 1.

DIRECTIONS FOR USE: Stir contents before using. Apply Specco B-30 to clean, structurally sound surfaces only. Use Specco cleaners/etchers to remove surface contaminants. If necessary, sandblast or scarify the surface and remove all loose debris. A trial test is suggested on questionable surfaces. Specco B-30 is recommended to be used as follows:

- **For a bonding (priming) adhesive**, apply undiluted Specco B-30 by brush or roller, liberally to the clean existing surface. Approximate coverage rate is 100 to 150 square feet per gallon depending on surface absorption. While Specco B-30 is still tacky, apply surface topping or coating.
- **For a bonding slurry coat**, dilute Specco B-30 with potable water 1:1. To this mixture add enough fresh Portland cement to obtain a thin paint consistency. Apply cement paste and follow with topping or coating while the bonding slurry is still tacky.
- **For a topping mix (1/8" to 1/4")**, add 1 gallon of Specco B-30 to 94# of Portland cement and 100# fine clean sand. Add potable water to produce a trowelable mix. Mix only enough material that can be used in 15 minutes.
- **For a patching mix**, add 1-2 gallons of Specco B-30 to 94# of Portland cement and 200-300# fine clean sand. Add potable water to produce the desired consistency. Mix only enough material that can be used in 15 minutes.

CAUTIONS: Do not use Specco B-30 in areas where constant moisture prevails. Refer to Specco K-10 or B-20 SBR bonding agents for superior moisture resistant alternatives in high exposure areas. Do not use Specco B-30 in mixes containing early-strength cements, air-entraining cements, phosphate cements or in mixes containing air-entraining admixtures.

CAUTIONS (CONTINUED): Do not place mixes containing Specco B-30 at temperatures below 50° F or when temperatures are expected to fall below 40° F. Do not apply mixes containing Specco B-30 on frozen surfaces. Do not place mixes containing Specco B-30 at temperatures above 85° F and rising. Do not apply mixes containing Specco B-30 on hot surfaces over 90° F. Protect mixes containing Specco B-30 from heat, rain, wind, condensation, and traffic for 48 hours. Do not wet or damp cure Specco B-30 latex modified mixes, allow Specco B-30 latex modified mixes to air cure only. Do not overmix or over trowel mixes modified with Specco B-30 as this can cause excessive air entrapment. Heavy traffic areas require a 3-4 day curing period before vehicle use. Keep Specco B-30 from freezing. If allowed to freeze, do not use, discard the material at an approved waste facility.

WARNINGS: Avoid contact with skin and eyes. Wear protective clothing and safety glasses during application. Keep away from food and drink. Do not take internally. Refer to product M.S.D.S. (Material Safety Data Sheet) for further health and safety information. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN.

H.M.I.S. CODES: HEALTH = 1, FLAMMABILITY= 0, REACTIVITY = 0, PERSONAL PROTECTION = C (GLOVES, GOGGLES, APRON)

SHIPPING NAME: Concrete Bonding Agent – Water base - Not regulated

SHIPPING CLASS: ITEM 33880, SUB 2, LTL 55

STORAGE: Ideal storage is between 60° to 80° F. Keep from freezing.

SHELF LIFE: 1 year stored properly. Depending on storage conditions, the shelf life may be extended.

PACKAGING: 1 quart (0.94 L), 1gallon (3.78 L), 5 gallon (18.9 L), and 55 gallon (208 L) containers.

LIMITED WARRANTY: This product is warranted to be of merchantable quality when used according to the instruction herein. It is not warranted to be suitable for any purpose or use other than the general purpose for which it is intended. Liability under this warranty is limited to the replacement of the product as purchased, if found to be defective upon inspection by the manufacturer. This limited warranty is issued and accepted in lieu of all other expressed warranties and explicitly excludes liability for consequential damages. Buyer assumes all risk and liability resulting from the use of this product.

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