

INTEGRAL BONDING AGENT EMULSION HIGH SOLIDS CONTENT EASY TO USE

ACRYLIC-BOND

IMPROVED BOND STRENGTH IMPROVED COMPRESSIVE, FLEXURAL AND TENSILE STRENGTH INTERIOR OR EXTERIOR USE

PRODUCT DESCRIPTION

ACRYLIC-BOND is a non-reemulsifiable architectural quality acrylic latex emulsion for interior or exterior use as a bonding agent admixture for concrete repair, leveling, grouts, thin sets and mortar beds or rubbing applications. It is suitable for making repairs above and below grade.

PRODUCT APPLICATIONS

Use **ACRYLIC-BOND** for concrete patching, topping, underlayments and leveling, overhead repairs, as a bond and strength improving admixture for surface repairs and rubbing mix. Use for plaster, stucco and tuckpointing. **ACRYLIC-BOND** may be used in setting and grouting tile and stone for setting beds. Use to make a bonding slurry for concrete work.

When bonding new concrete to old, use **P-100 PRIMER** or **BONDALL** for a one time reemulsifiable surface bonding agent.

PRODUCT FEATURES

- Improves compressive, flexural and strength
- Improved bonding strength
- Permits thin, permanent repairs
- Non-reemulsifiable
- Easy to use
- High solids content

- Use above or below grade
- Self curing for interior use
- Not affected by many freeze-thaw cycles
- Excellent ultraviolet light resistance
- Resistent to most petroleum solvents

TECHNICAL DATA

Strength comparisons for cement/sand mortar versus cement/sand mortar modified with **ACRYLIC-BOND** per mix 1 on reverse side.

Test	Method		Water Only	with Acrylic-Bond
Compressive	*ASTM C109	28 days	3700	4750
Flexural	*ASTM C348	28 days	950	1650
Shear Bond	-	7 days	-	560 psi

**Air-Cured*

PACKAGING

ACRYLIC-BOND is packaged in one gallon jugs (4 per carton), 5 gallon pails and 55 gallon drums.

SURFACE PREPARATION

How ever **ACRYLIC-BOND** is to be used, all loose, crumbled, scaling or spalled concrete must be removed from the surface. The surface must be clean, sound and free of grease, oil, paint, sealers and other foreign material. Concrete surface should be presoaked with no standing water remaining. Dense or trowel finished surfaces may require mechanical abrasion or a muriatic acid etch to provide a rough profile for bonding.

MIXING

Use Type I or Type III Portland Cement, Premix **ACRYLIC-BOND**/water and cement/sand separately, then mix the two together to the desired consistency. The mortar should be as stiff as possible for intended use. Avoid air entrainment as this will weaken the mixture. Use clean dry 30-40 mesh concrete sand.

APPLICATION

Do a slurry scrub coat using straight **ACRYLIC-BOND** and sand/cement mix to eliminate air and improve bonding. Place mortar while slurry coat is still wet. Screed or trowel mortar into place. Lightly trowel, but do not over-trowel. Trowel should be lubricated with **ACRYLIC-BOND**/water mix to prevent drag. Interior applications normally do not require curing. In rapid drying conditions, cover with wet burlap for 24 hours. Open for foot traffic the next day, heavy traffic in 4 days.

LIMITATIONS

Do not use below 45° F

Do not let freeze.

Do not let dry when used as a surface bonder.

SAND/CEMENT PROPORTIONS WITH ACRYLIC-BOND/WATER RATIO

() INDICATES MEASURE BY VOLUME

Mix No.	Application	Sand	Cement*	Acrylic-Bond	Water	Coverage
1	Underlayment, topping and patching	45 lb. (3-1/2 gal)	15 lb. (1-1/2 gal.)	1/2 gal. (1/2 gal.)	1/2 gal. (1/2 gal.)	60 Sq. Ft. @ 1/8"
2	Slurry Bond Coat	15 lb. (1-1/4 gal.)	15 lb. (1-1/2 gal.)	1 gal. (1 gal.)	- -	65 Sq. Ft. @ 1/16"
3	Plaster, Stucco and Tuckpointing	27 lb. (2 gal.)	13 lb. (1-1/3 gal.)	1/3 gal. (1/3 gal.)	2/3 gal. (2/3 gal.)	20 Sq. Ft. @ 1/4"
4	Setting & Grouting Tile & Stone, Setting Bed	45 lb. (3-1/2 gal.)	15 lb. (1-1/2 gal.)	1 gal. (1 gal.)	- -	30 Sq. Ft. @ 1/4"
5	Rubbing Mix	45 lb. (3-1/2 gal.)	15 lb. (1-1/2 gal.)	1/2 gal. (1/2 gal.)	1/2 gal. (1/2 gal.)	120 Sq. Ft. @ 1/16"

*Assumes non-air entrained cement.

LIMITED WARRANTY

Lyons Manufacturing, Inc. warrants the high quality of its products. However, because of many factors beyond our control in its use, such as job conditions, workmanship, etc., the liability of all parties making and selling this product is expressly limited to the refund of the purchase price or replacement of this material used. Lyons Manufacturing, Inc. will replace any product proven to have a manufacturing defect, FOB Factory, provided Lyons Manufacturing, Inc. is notified of such defect within six (6) months from the date of shipment from the factory. This warranty is in lieu of all other warranties, expressed or implied. Lyons Manufacturing, Inc. makes no warranty of suitability of its products for any particular application and sells its products upon the condition that customer shall conduct their own test to determine the suitability of the product for their purposes. Under no circumstances will Lyons Manufacturing, Inc. be liable for economic, special, incidental or consequential damages or losses of any kind.

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