



LayBond PVA

Poly Vinyl Acetate Bonding Agent

PRODUCT DESCRIPTION: LayBond PVA is a PVA based latex that is used as cement admixture and bonding agent. When mixed with cement and sand it forms a strong bonding mixture that will adhere to most Cementitious surfaces. The resulting mix has superior properties such as high impact resistance, high crack resistance and excellent bond strength.

USES: Interior laying of new concrete on old concrete. Patching and re-surfacing of concrete floors, columns, beams, and walls. Floor toppings, pre-leveling of concrete floors, skid proofing and dust proofing.

ADVANTAGES: LayBond PVA is a ready-to-use bonding agent. LayBond PVA can be used as a surface primer.

LIMITATIONS: Not compatible with other admixtures. Do not use during freezing weather. Do not use in areas that are submerged with water.

COMPOSITIONS AND MATERIALS: Internally plasticized Poly Vinyl Acetate latex and modifying agents

PACKAGING: Packaged in 30 Lit plastic Jerrycan.

APPLICABLE STANDARDS: LayBond PVA meets ANSI requirements and ASTM C309 type II and ASTM C932.

TECHNICAL DATA: LayBond PVA performs equally well on porous and non-porous surfaces. LayBond PVA is non-staining and water washable. For optimum performance mix LayBond PVA in the following proportions:

Bonding Grout: Mix LayBond PVA with 5 parts cement and 2 parts fine sand.

Vertical Surface: Mix LayBond PVA with 1 parts cement and 3 parts fine sand.

Floor Topping: Mix LayBond PVA with 1 parts cement and 2 parts fine sand

Performance Characteristics

Cement Mix with LayBond PVA	Results	ANSI Requirement
Bond Strength Comparison (28-Day Cure)		
Bond Strength to cement Tile	600 psi	300 psi
Bond Strength to Non-Porous tile	300	150

Usage Chart

Application	Dilution
Bonding agent of new concrete on old	As is
Tile Adhesive (old method with Soaking of tiles)	1:1
Topping, repair, resurfacing, wall finish	1:1
Pre-leveling, floor finish	1:3
Crack sealing	1:2



INSTALLATION:

Surface Preparation: All surfaces must be clean and free of dust, grease, sealants and foreign matter.

Application: Rinse old concrete with water. Mix cement sand and LayBond PVA in the recommended proportions. Add more water to obtain a more flowable mix if necessary. Pour or apply with trowel. Level with a wooden float. When applying thick screeds over 35 mm use larger aggregates instead of fine sand.

Precautions: Avoid contact with skin. In case of contact wash thoroughly with water. For eyes, get medical attention. Keep out of reach of children.

Cleaning: Wash with water.

Storage Life: One year if stored in cool, dry location. Close partially used containers tightly.

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Specifications subject to change without notice.

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