

## Altius PVA Bond



### PRODUCT DESCRIPTION

Altius PVA Bond is a multipurpose bonding agent that can be used on cementitious materials, lime washes, plasters, etc. It is applied as a sealer for decorative coatings and also used to pretreat substrates as an adhesion promoting agent. The usage of Altius PVA Bond improves the compressive, tensile and flexural strengths of mortars and reduces the water / cement ratio. It is applicable on all surfaces both interior and exterior and has non-toxic, non-inflammable, acrylic resin properties.

### ADVANTAGES AT A GLANCE

- Excellent bonding properties.
- Good Adhesion.
- Non-toxic.

### AREAS OF USAGE

**Primer / Sealer:** As a primer / sealer, Altius PVA Bond is used for pretreatment of porous but firm surfaces of concrete, aerated concrete, plasters, screeds, as an adhesion promoting and sealing agent. The surface to be applied must be thoroughly cleaned and loose particles must be removed. Surface that show traces of dusting or flaking, priming using Altius Primer is recommended.

**Repairing Of Surfaces:** For the repair of surfaces, Altius PVA Bond is designed to simplify the standard repair procedures and to help form a strong bond between the new and old work. Prior to application of repair mortar, follow the preparation procedures as previously outlined.

**Plasters And Screeds:** For plasters and screeds the addition of Altius PVA Bond increases adhesion, flexural strength and improves workability of sand/cement mixes to be applied on surfaces such as fair-faced concrete surfaces. Prior to application, preparation procedures should be followed, if necessary.

**Tile-Fixing:** For tile fixing mortar, the addition of Altius PVA Bond will increase the flexibility and improve the cohesive and adhesive properties of cementitious tile adhesive.

### MIXING AND APPLICATION PROCEDURE

**Primer / Sealer:** Apply a solution, of one part PVA BOND to 7 parts water, using a brush or appropriate spray equipment.

**Repairs:** For porous surfaces and repairs in excess of 5 mm deep, mix the cement mortar using a solution of 1 part Altius PVA Bond to 5 parts water. For mortars to be applied less than 5 mm thick use a 1:3 solution. For firm surfaces, a solution of 1:10 is recommended.

**Cement-Based Paints/Lime Washes:** For cement based paints/lime washes, the addition of Altius PVA Bond will increase flexibility and resistance to moisture, saline encrustations and dirt. The resultant mixture will promote greater adhesive capabilities, improve dispersion and aid brushability.

**Plasters and Screeds:** Mix the mortar / screeds using a solution of 1 part PVA BOND to 10 parts water. For thin-coat mortar plaster a solution of 1:7 is recommended.

**Tile-Fixing:** When using a thick-bed tiling method, mix the mortar adhesive using a solution of one part PVA BOND to five parts water. With thin-bed tiling methods a solution of 1:3 is recommended.

**Cement-Based Paints/Lime Washes:** Mix the paints using a solution of one part PVA BOND to 5-10 parts water.

### HEALTH & SAFETY

Keep away from contact of eyes and skin by wearing overalls, safety boots, goggles, gloves and mask. For further information, please refer the Material Safety Data Sheet.

### PACKAGING & STORAGE

Product is supplied in 20 Kg jerrican. Store in a clean dry area, protected from direct sunlight and extreme temperatures (both heat and cold). They have a shelf life of up to 12 months. The oldest material should be used first.

### TECHNICAL DATA

Product	Pure acrylic ester bonding agent
Binder	Pure acrylic
Colour	White
Specific Gravity	1.03
Solid Contents	45% approximately
pH	7-9
Storage	12 months in original packing
Package	20 kg jerricans.

### DISCLAIMER

The information in this document is given to the best of Altius Industries knowledge, based on laboratory testing and practical experience and is intended to provide general information on the product and their method of application. All Altius products are used under conditions beyond Altius control so we cannot guarantee anything but the quality of the product itself. Minor product variations may be implemented in order to comply with local requirements. The prospective user is recommended to determine the suitability of products before adopting them on a commercial scale. Altius reserves the right to change the given data without further notice. Users should always consult Altius technical team for specific guidance on the general suitability of this product for their needs and specific application practices.

