

## Altius Spray Plaster Base Coat



### PRODUCT DESCRIPTION

Altius Spray Plaster Base Coat is an acrylic based plaster formulated with finely graded inert fillers and additives. This pre-mixed plaster is used for plastering all types of interior surfaces such as walls & ceilings to fill voids and to correct surface imperfections of up to 10 mm thickness. It can also be used to render large sections of concrete, brickwork or masonry and provides a high quality even finish for painting or other finishes.

When Altius Spray Plaster Base Coat is used along with Altius Cementitious Modifier, it makes the surface hard and water proof. When such modification is done, the surface requires curing for up to 72 hours after application.

### ADVANTAGES AT A GLANCE

Altius Spray Plaster Base Coat is developed from a select blend of acrylic polymers and are ready to use compounds. Some of the key advantages of the product:

- Good workability.
- High performance.
- Non flakey.
- Quick drying.
- Vapour permeable.
- Excellent bonding.

### AREAS OF USAGE

Altius Spray Applied Plaster can be used for plastering both conventional and precast structures. It can be applied directly on both old and new solid surfaces such as precast concrete, aerated concrete, sand/cement level and fair-faced brickworks etc.

### WALLS

**Surface Preparation:** Clean the surface and make it free of dust, oil, and curing compounds by brushing or vacuuming. Ensure to remove nails, stickers, masking tape, cement overflow and drippings, wires, fixers and any other extraneous matter. Repair any surface defects or imperfections and cover all wirings etc. Fix adequately fibre glass mesh, plaster stops, angle beads, studs,

etc. If necessary, apply a coat of Altius Bond Primer, especially if the application is on fair-faced concrete to improve the adhesion.

**Material Preparation:** Add 1 bag (25 Kg) of Altius Cementitious Modifier with 4.5 litres of water with a mechanical mixer. Add 1 bag (25 Kg) of Altius Spray Plaster Base Coat to this mixture and continue to mix until you attain a homogeneous product mix. Then transfer this material into a spray machine.

**Application:** Evenly spray this mixture on the wall up to a thickness of 10mm. For additional thickness, continue spraying the product. Once the required thickness is achieved level and smooth the wall using T-angle aluminum profiles and 60 mm scrapers. Light mist curing is required for 24 hours and again 40 hours after application. Apply 2-3 mm of Altius Spray Plaster Fine Finish Coat and after 24 hours, sand surface and finish with 1 or 2 coats of paint.

### CEILINGS

**Surface Preparation:** Clean the surface and make it free of dust, oil and curing compounds by brushing or vacuuming. Ensure to remove nails, stickers, masking tape, cement overflow and drippings, wires, fixers and any other extraneous matter. Repair any surface defects or imperfections and cover all wirings etc.

**Material Preparation:** Normally for interior ceiling, Altius Spray Plaster Base Coat can be directly applied onto the substrate. If necessary, Altius Spray Plaster Base Coat can be used along with Altius Cementitious Modifier following the mixing instructions above.

**Application:** Apply one coat of Altius Spray Plaster Base Coat on the construction joints and use fibre glass mesh if necessary. Once dry, use 2 coats of Altius Spray Plaster Fine Finish Coat. If texture is required, spray apply 1 coat of Altius Spray Plaster Fine Finish Coat to the required texture.

### CLEANING OF TOOLS

Clean tools with water after use. If the work is stopped for short intervals, immerse the spray gun in water and clean the top of the machine. Ensure that the remaining plaster is covered with a thin layer of water. When work resumes, remove the excess water from top of the plaster and continue spraying.

### 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 25 Kg plastic bag. 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 6 months. The oldest material should be used first.

### TECHNICAL DATA

Product	Spray applied pre-mixed plaster base coat in paste form
Composition	Formulated from acrylic binders and precisely graded fillers and additives
Colour	Brown
pH Value	8-9
Area Covered by Hand (3 Man Team)	125 m <sup>2</sup>
Area Covered by spray (3 Man Team)	500 m <sup>2</sup>
Material Consumption	1.75 Kg/m <sup>2</sup> /mm
Equipment used	Spray Machine or by hand
Storage	6 months in original packing
Packaging	25 Kg plastic bag

### 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.

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