

# PRODUCT DATA SHEET

Reviewed 01/02/2016



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## Aqua-Plaster Primer

Lead-free, Low VOC

- SECTION A: DESCRIPTION**  
A high quality pigmented water-based primer with good hiding power and excellent penetrating qualities suitable for application to dry, raw cement plaster, fibre cement and cement bricks with superior resistance to alkali attack and efflorescence. This primer is also suitable for use on gypsum plaster (i.e. rhinolite) that dries with a firm surface (not above powdery residue). It can be overcoated with a full range of Excelsior water-based products. This product has a low VOC compared to typical solvent based plaster primers and it is easy to clean up painting equipment with water.
- SECTION B: COMPOSITION**  
Acrylic emulsion primer.
- SECTION C: PHYSICAL PROPERTIES**
- |                     |   |
|---------------------|---|
| Colour:             | White   |
| Viscosity:          | 90 - 100 Ku @ 25°C  |
| S.G.:               | 1.28 - 1.33   |
| Mass Solids:        | 48 - 53%  |
| Volume Solids:      | 32 - 37%  |
| Spread Ratio:       | 6 - 9m <sup>2</sup> /l (depending on substrate porosity)          |
| Dry film Thickness: | Recommended 150 microns (200 microns max) per coat                |
| Shelf Life:         | 12 months   |
| Storage Conditions: | Away from direct sunlight and/or heat and extreme cold            |
| Pack Size:          | 5l, 20l   |
| Drying time:        | Do not apply at temperatures below 5°C. Touch dry 30mins at 25°C, |
| Recoating Time:     | 2 hours at 25°C.  |
| Calculated VOC:     | 62g/l approx.   |
- SECTION D: APPLICATION PROPERTIES**
- Product can be applied by brush, roller, or airless spray (without thinning) onto properly dry cement plaster (allow a minimum of 21 days of good weather for plaster to dry) or rhinolite, gypsum plaster or cement board or cement bricks. Do not sand Rhinolite or Rhinoglide prior to application of this product as the sand paper will break down the firm crystal-like structure of the surface and leave a powdery residue.
  - Ensure the surface to be painted is free of grease, grime (wash with Excelsior XL DEGREASER, rinse thoroughly and allow to dry completely) or powdery dust or loose material (by brushing off with a stiff block brush).
  - This product is not to be applied onto existing paint (either water-based emulsion paint or gloss enamel paints)
- SECTION E: PRECAUTION**
- Keep out of reach of children  
Ensure adequate ventilation during painting and drying  
Wash off with water and soap in the case of skin contact  
Avoid eye contact – Rinse eyes with water and contact medical help for accidental contact  
Flash point: N/A, water-based product.  
Toxicity: See M.S.D.S.
- SECTION F: SURFACE PREPARATION**  
**NEW PLASTER SURFACES**  
Plastered surfaces to be primed, must be dry.
- All surfaces must be clean, dry, free from dirt or dust. (It is recommended that the plastered surface is brushed to remove dust and loose particles).
  - Apply coat of Excelsior AQUA-PLASTER PRIMER.
  - Allow to dry for 4 hours before over coating with Excelsior WATER-BASED TOP-COATS or Allow 24 hours before overcoating with Excelsior HIGH GLOSS ENAMEL, EGGSHELL or VELVETGEL.
  - Can be overcoated with Excelsior water-based acrylic paints and Excelsior HIGH GLOSS ENAMEL (contact Mylaw Technical



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## Aqua-Plaster Primer... conti/

Services for advice if re-coating with other solvent-based top-coats).

- If AQUA-PLASTER PRIMER is to be applied over a Rhinolited surface please ensure the Rhinolite is completely dry and firm prior to application of the Excelsior AQUA-PLASTER PRIMER. Allow to dry completely ( $\pm 4$  hours @ 25°C) prior to application of the top-coat. NB!! Rhinolite is never to be used for external walls, Rhinolite must be applied smoothly and allowed to cure, Rhinolite must never be sanded after it has dried (sanding breaks the crystalline structure on the surface of the Rhinolite and leads to a weak powdery surface not suitable for painting)
- AQUA-PLASTER PRIMER is not recommended for use over Rhinoglide. Rhinoglide is sanded after application and extremely powdery. We recommend the use of solvent-based Excelsior ALKALI RESISTANT PLASTER PRIMER over sanded Rhinoglide.

### PREVIOUSLY PAINTED PLASTER SURFACES

- All loosely adhering material and powder, i.e. Distemper or Lime, must be removed and a coat of Excelsior SURFCON be applied and allow  $\pm 18$  hours to dry.
- Excelsior AQUA-PLASTER PRIMER is not designed for application on top of old paint surfaces, but can be applied to exposed plaster surfaces on an old surface if the old paint is peeling exposing the plaster work (apply only to exposed plaster patches).
- Follow as above for NEW PLASTER SURFACES.

### SECTION G

#### NOTE

No guarantees are implied by the recommendations contained herein; since the data sheet is issued for information only. Method of application, surface cleanliness, conditions of use etc. are beyond our control.