



# ACRYLIC VHD SEALER

## PRODUCT DESCRIPTION

A superb, solvent-free, deep-penetrating sealer and primer based on an ultrafine silanized styrene/acrylic emulsion and hydrosol acrylic resin with excellent adhesion to masonry surfaces, such as render, plaster and concrete. Used to create a water-resistant barrier on plasterboard and other masonry surfaces, prior to over tiling, or as a waterproofing sealer coat. Can be applied to both dry and damp surfaces.

## USES

Ideal for interior or exterior structurally sound surfaces, prior to application of glazed or un-sealed tiles. Provides a hydrophobic surface in bathrooms, wet rooms and showers and a water-resistant barrier coat on external mineral surfaces. Surfaces treated with VHD Sealer are receptive to most tile adhesives and can increase bond strength.

## TECHNICAL PROPERTIES

Colour:	Opaque (milky)
Finish:	Semi-Gloss
Particle Size:	50-100nm
Specific Gravity:	1.15
Volume Solids	49-51%
Theoretical Spreading Rate:	8-10m <sup>2</sup> /litre (depends on porosity and profile)
Application Method:	Brush, Roller, Spray
Flash Point:	Non-Flammable
VOC:	5g/lit.
MFFT:	5°C

Drying Times	10°C	20°C	30°C
Touch Dry	3 hours	2 hour	1-hour
Hard Dry	5 hours	4 hours	2½ hours
Over tiling	6 hours	4 hours	3-hours
Exposure to weather	24-48 hours	24-48 hours	24-48 hours

**RECOMMENDED SYSTEMS** Most commercially available adhesives (test a small area first)

## SURFACE PREPARATION

Ensure surfaces are clean, relatively dry and free from dirt, grease, laitence and other contamination. Scrape back unsound areas and repair. Treat any algal or fungal growth with ACS Mould Wash Concentrate. Apply one full coat and allow to dry before applying tile adhesive.

## PRODUCT APPLICATION

Mixing:	Ready for use.
Thinners:	Not required
Brush:	Apply one or two (*) coats direct depending on porosity.

**Roller:** Apply one or two coats direct.

**Cleaner:** Water  
[\*] Two coats may leave a glossier finish on low porosity surfaces

When applying to exterior surfaces, we recommend application to relatively cool surfaces to allow the product to impregnate the masonry. Application to hot surfaces may cause premature curing, leaving a surface film only.

**Cleanup Considerations:** All equipment should be cleaned immediately after use with water. It is advisable that equipment should be cleaned/flushed during the course of application, the frequency of which will depend on the volume of material used and timescale over which applied. Ensure all waste materials (including packaging) are disposed of in accordance with local regulations.

### **HEALTH, SAFETY & ENVIRONMENTAL**

This product must be used in accordance with the Material Safety Data Sheet supplied by Advanced Chemical Specialties Limited. The user must observe local health, safety and environmental regulations when using this product. Consult Advanced Chemical Specialties Limited if there are any concerns over the suitability of this product.

### **PACK SIZES**

5.0kg. 25.0kg

### **PACK WEIGHTS**

5.0lt: 5.12kg 25.0lt:26.75kg

### **STORAGE CONDITIONS**

**PROTECT FROM FROST AND STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.**

### **LIMITATIONS**

On exterior surfaces, do not apply if there is a likelihood of rain, fog or frost prior to a full cure.

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### **DISCLAIMER**

This information is given in good faith and is based on the best of current knowledge through use and experience. However all recommendations are given without warranty or guarantee as conditions of use lie outside our control. Customers are advised that all technical information is under constant review and changes may occur without notice. Any person proposing to use this product should make arrangements to assess the suitability for application prior to commencing work.

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