



Penetration sealer – acrylic

PRODUCT DESCRIPTION

A superb, aqueous, deep-penetrating sealer and primer based on an ultrafine hydrosol acrylic emulsion with excellent alkali resistance and adhesion to masonry surfaces. Used for stabilizing and bonding exterior and interior masonry and cement surfaces prior to application of masonry paint, Antimould coatings or other decorative coatings. Reduces porosity and provides a well-bound durable base.

USES

Ideal for exterior or interior chalky or porous, but structurally sound surfaces, prior to application of masonry or decorative aqueous paints.

Ideal as an aqueous sealer for plasterboard.

TECHNICAL PROPERTIES

Colour	Clear to opaque (milky)		
Finish	Semi-Gloss to flat depending on porosity		
Particle Size:	50nm		
Specific Gravity	1.02		
Volume Solids	15-18%		
Theoretical Spreading Rate	10-15m ² /litre (depends on porosity and profile)		
Application Method	Brush, Roller, Spray		
Flash Point	Non-Flammable		
VOC	5g/lit.		
Drying Times	10°C	20°C	30°C
Touch Dry	2 hours	1 hour	30 minutes
Hard Dry	4 hours	2 hours	1½ hours
Minimum Overcoat	4 hours	2 hours	1½ hours
Maximum Overcoat	Indefinite	Indefinite	Indefinite
Minimum Film Forming Temperature (MFFT) 5°C			

SURFACE PREPARATION

Ensure surfaces are clean, dry and free from dirt, grease and other contamination. Scrape back unsound areas and repair. Highly chalky and friable surfaces should be correctly treated with a Rubberised Sealer. Apply one or two full coats and allow to dry before applying chosen finish.

PRODUCT APPLICATION

Mixing: Ready for use.

Thinners: Not require



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Brush: Apply one or two coats direct.

Roller: Apply one or two coats direct.

Conventional Spray: Do not thin. Use 30-40psi pressure and 1.8 mm diameter nozzle.

Airless Spray: Do not thin. Use 0.33-0.43mm tip 50-65° angle and 2000psi pressure.

Air Assisted Airless Spray: Do not thin. Use 1000-1500psi pressure and 1.8mm diameter nozzle.

Cleaner: Water

Clean-up Considerations: All equipment should be cleaned immediately after use with water. It is advisable that equipment should be cleaned/flushed during 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.

STORAGE CONDITIONS

STORE ABOVE 5°C. ENSURE STRICT STOCK ROTATION IS PRACTISED.

LIMITATIONS

Do not apply in cold or damp conditions (i.e. below 5°C or if there is a likelihood of rain, fog or frost)

Preparation	<p>Ensure surfaces are clean, dry and free from dirt, grease and other contamination.</p> <ul style="list-style-type: none"> ~ Scrape back unsound areas and repair. ~ Treat any algal or fungal growth with ACS Mould Wash Concentrate. ~ Highly chalky and friable surfaces should be correctly treated with a Rubberised Sealer. ~ Apply one or two full coats and allow to dry before applying chosen finish.
Application	<p>Mixing: Ready for use.</p> <ul style="list-style-type: none"> ~ Thinners: Not required. ~ Brush: Apply one or two coats direct. ~ Roller: Apply one or two coats direct. ~ Conventional Spray: Do not thin and use 30-40psi pressure and 1.8 mm diameter nozzle. ~ Airless Spray: Do not thin and use 0.33-0.43mm tip 50-65° angle and 2000psi pressure. Air Assisted Airless Spray: Do not thin and use 1000-1500psi pressure and 1.8mm diameter nozzle. ~ Cleaner: Water ~ Clean-up Considerations: All equipment should be cleaned immediately after use with water. It is advisable that equipment should be cleaned/flushed during the 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.
Limitations of use	<p>Do not apply in cold or damp conditions (i.e. below 5°C or if there is a likelihood of rain, fog or frost).</p>
Health and Safety	<p>This product must be used in accordance with the Material Safety Data Sheet supplied by Ultratex Wall Cladding & Coating P/L. The user must observe local health, safety and environmental regulations when using this product. Consult Ultratex Wall Cladding & Coating P/L if there are any concerns over the suitability of this product.</p>



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