



UNIVERSAL ACRYLIC SEALER PRODUCT CODE: ACR00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Acrylic Sealer is a water-based binder used as a base coat for various substrates before the application of top coats

PRODUCT FEATURES AND BENEFITS

An exterior base coat for various substrates before the application of an acrylic top coat - Roof tiles, Cement Plaster and previously painted cement plaster

As a base coat on roof tiles to seal pores

Good bonding properties

Excellent adhesion

Low odour

PRODUCT INFORMATION

Colour	Clear
Surface Appearance	Low Sheen
Resin Base	Acrylic Emulsion
Solids Content	By volume: Approx. 30%
VOC Content	Minimal VOC content 0% to 0,29%
Spreading Rate	Theoretical Spreading Rate: 17m ² /litre @ 17,5 µm DFT Practical Spreading Rate: 8,7m ² /litre @ 17,5 µm DFT Our spreading rate is calculated per coat on a smooth surface. This is a guide only. The rate will vary depending on the porosity and profile of the substrate. Tools used and application technique/ method will also have an impact on spreading rate.
Recommend WFT & DFT	50 – 67 µm WFT depending on the surface porosity, profile and application method 15 – 20 µm DFT depending on the surface porosity, profile and application Method
Pack Sizes	Available in 1ℓ, 5ℓ & 20ℓ
Storage and Packaging	Store away from direct sun, heat and severe cold Ensure the container is tightly sealed before storing. If not sealed properly and exposed to extreme temperatures, it will lead to defects such as product fouling, skinning, crystallizing and will have hard settlement.



APPLICATION INFORMATION

Work from corner to corner, or from one natural cut off point to the next. Do not attempt to touch up areas, completely repaint the whole area.

APPLICATION DETAILS

Mixing	Stir thoroughly with a flat paddle until homogeneous
Application Conditions	Surface Temperatures at 23°C Relative Humidity <50%
Recoating Time	4-6 hours to dry before over coating
Application Methods	Brush, Roller
Thinner	Is ready for use, do not thin.
Cleaning of equipment	Water

SURFACE PREPARATION

NEW SURFACES CEMENT PLASTER, CONCRETE, ROOF TILES

The substrates must be clean, dry and sound and free of any contaminants.

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Apply 1 coat Universal Acrylic Sealer allowing 4-6 hours to dry.

Apply 2 coats of any Universal Acrylic top coats.

PREVIOUSLY COATED SURFACES CEMENT PLASTER, CONCRETE, ROOF TILES

The substrates must be clean, dry and sound and free of any contaminants.

Remove all loose and flaking paint and sand existing coating.

Test for Adhesion – Cross Cut/Hatch Test 90% pass rate: ISO standard 2409:2013

Remove all dust, foreign material, fungal and algae growth, which should be treated with Universal Paints Fungal Wash.

Sand well and remove dust.

Apply 1 coat Universal Acrylic Sealer allowing 4-6 hours to dry.

Apply 2 coats of any Universal Acrylic top coats.



CAUTIONS

The correct surface preparation is critical to ensure optimum performance of the paint system

Avoid painting during inclement weather

Don't wash, or wet, painted surfaces for 7 days after painting

High humidity will retard the drying and curing

Procedure to change a system from solvent to water based OR water to solvent based.

1. Sand surface slightly with fine sandpaper to break down the existing surface to a matt finish.
2. Dust off any loose dirt contaminants.
3. Clean the surface with soap solution.
4. Rinse well with clean water.
5. Allow the surface to dry completely.
6. Apply one coat of universal undercoat.
7. Apply two coats of the selected top coat (solvent or water based).

SAFETY PRECAUTIONS

For detailed safety information please refer to Material Safety Data Sheet

This product is lead free, does not contain any toxic substances and contains low levels of VOC

Only use in well-ventilated areas and do not eat, drink or smoke whilst using this product

Empty containers are suitable for recycling. But caution must be exercised in the disposal of used containers

DISCLAIMER

Universal Paints cannot be held liable if the product fails due to improper surface preparation or application