



UNIVERSAL ACRYLPROOF PRODUCT CODE: ACP00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Acrylproof is a classic water-based acrylic waterproofing compound which is used in combination with a geo-fabric membrane to provide waterproofing properties

PRODUCT FEATURES AND BENEFITS

Helps to seal vertical and horizontal cracks on walls (up to a maximum of 3mm) only if membrane is applied, parapet walls, waterproofing ridging, flashing areas on cement tile, fibre cement roofs as well as overlaps and screw heads on metal roofs.

Highly durable and limited UV resistance

Highly water resistant with a low water pick up

Excellent adhesion

Good flexibility

Low odour

PRODUCT INFORMATION

Colour	Grey, Red and White
Surface Appearance	Low Sheen
Resin Base	Acrylic Emulsion
Solids Content	By volume: Approx. 48%
VOC Content	Low content 0,3% to 7,99%
Spreading Rate	Theoretical Spreading Rate: 6m ² /litre @ 80 µm DFT Practical Spreading Rate: 4,1m ² /litre @ 80 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	145 –188 µm WFT depending on the surface porosity, profile and application method 70 – 90 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

Always maintain a wet edge and avoid downing tools during the application to prevent lap marks and variances in colour or texture.

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, PRECAST, FIBRE CEMENT

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.

Prime the entire substrate using Universal Pigmented Primer. Allow 16-24 hours to dry.

Option 1. Waterproof with Membrane

Apply 1 coat of Universal Acrylproof to the surface.

Immediately embed the geo-fabric into the Universal Acrylproof.

Overlap the Geo-fabric membrane for at least 50mm on every joint.

A fluted aluminium or plastic roller should be used to flatten out geo-fabric and roll out all air bubbles in material, thus eliminating all weak points.

Immediately apply a saturation coat of the Universal Acrylproof to the geo-fabric by brush or medium pile roller.

Allow the system to dry for at least 4-6 hours preferably longer in cold or humid weather.

Overcoat the entire area with a full coat of Universal Acrylproof, to ensure that all joints and cracks are well sealed.



Option 2. Waterproof without Membrane

Apply 3 coats of Universal Acrylproof to a WFT of 145-188 µm per coat, allowing 4-6 hours to dry between coats.

Apply 2 coats any of Universal's top coats.

PREVIOUSLY COATED SURFACES CEMENT PLASTER, CONCRETE, PRECAST, FIBRE CEMENT

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

Remove all loose and flaking paint and sand existing coating.

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

Patch prime using Universal Pigmented Primer to all bare and repaired areas.

Option 1. Waterproof with Membrane

Apply 1 coat of Universal Acrylproof to the surface.

Immediately embed the geo-fabric into the Universal Acrylproof.

Overlap the geo-fabric for at least 50mm on every joint

A fluted aluminium or plastic roller should be used to flatten out geo-fabric and roll out all air bubbles in material, thus eliminating all weak points.

Immediately apply a saturation coat of the Universal Acrylproof to the geo-fabric by brush or medium pile roller.

Allow the system to dry for at least 4-6 hours preferably longer in cold or humid weather.

Overcoat the entire area with a full coat of Universal Acrylproof, to check that all joints and cracks are well sealed.

Option 2. Waterproof without Membrane

Apply 3 coats of Universal Acrylproof to a WFT of 145-188 µm per coat, allowing 4-6 hours to dry between coats.

Apply 2 coats any of Universal's top coats



CAUTIONS

To ensure colours on the project are consistent, always check the batch numbers and product codes are the same on every container. If batch numbers are different, try mixing all the batches together in a large container so that there is colour consistency.

It is preferable to buy all the paint you need at one time and in the largest possible pack size for convenience and to reduce the chances of slight colour variations between batches

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 should not be used on lime containing surfaces or on Gypsum Plaster

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