



UNIVERSAL UNIPROOF PRODUCT CODE: UNI00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Uniproof is a new generation water based acrylic waterproofing compound with re-enforcing fibre membrane incorporated to provide long life protection.

PRODUCT FEATURES AND BENEFITS

The product is a seamless and flexible waterproof coating for parapet walls, plaster bands and horizontal cement plaster surfaces.

Can be used on cement tile and fibre cement roofs, including ridging and flashing, overlap, screw heads and flashing

To help seal repaired cracks

Highly durable

UV resistant for the harsh urban / industrial

Highly water resistance with a low water pick up

Excellent adhesion

Good flexibility

Easy to use as no membrane is required

PRODUCT INFORMATION

Colour	White, Red & Grey
Surface Appearance	Matt
Resin Base	Acrylic Emulsion
Solids Content	By volume: Approx.54%
VOC Content	Low VOC content 1.4% to 1.5%
Spreading Rate	Theoretical Spreading Rate: 2,2m²/litre @ 250 µm DFT Practical Spreading Rate: 1,6m²/litre @ 250 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	417– 509 µm WFT depending on the surface, porosity, profile and application method 225–275 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	Allow 4-6 hours
Application Methods	Brush or Roller
Thinner	Ready to use. Do not thin for brush application and only thin 5% with water if medium pile roller used
Cleaning of equipment	Water

SURFACE PREPARATION

NEW SURFACES CEMENT PLASTER, CONCRETE, GYPSUM PLASTER, PRECAST, RHINOLITE, 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.

Fill and seal all visible cracks with Universal Paints Acrylic Crack Filler (not more than 3mm).

Sand well and remove dust.

Prime using the Universal Water Based Primer (allowing 4-6 hours to dry) or Universal Pigmented Primer (allowing 16-24 hours to dry) or Universal Bonding Liquid (allowing 16-18 hours to dry however it must be overcoated within 72 hours).

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.



PREVIOUSLY COATED SURFACES CEMENT PLASTER, CONCRETE, GYPSUM PLASTER, PRECAST, RHINOLITE, 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.

Fill and seal all visible cracks with Universal Paints Acrylic Crack Filler (not more than 3mm).

Sand well and remove dust.

Spot prime using Universal Water Based Primer (allowing 4-6 hours to dry) or Universal Pigmented Primer (allow 16-24 hours to dry) or Universal Bonding Liquid (allowing 16-18 hours to dry however it must be overcoated within 72 hours) to all bare and repaired areas.

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.

NEW SURFACES MILD STEEL AND GALVANISED STEEL

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

Degrease surfaces with Universal Paints Zinc Cleaner (Degreaser) to remove the manufacturer's grease protective layer. This process is repeated until the surface is water break free.

After drying, the Mild Steel substrate is coated with Universal Paints Galvanised Primer allow 4-6 hours drying or Universal Red Oxide Quick-Dry Primer allowing 16-18 hours drying. On Galvanised Steel use Universal Galvanised Primer allowing 4-6 hours to dry.

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.

PREVIOUSLY COATED SURFACES MILD STEEL AND GALVANISED STEEL

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

Remove all loose and flaking paint and sand existing coating.

Rusted areas need to be cleaned back to bright metal and spot prime with Mild Steel substrate is coated with Universal Paints Galvanised Primer allow 4-6 hours drying or Universal Red Oxide Quick-Dry Primer allowing 16-18 hours drying. On Galvanised Steel use Universal Galvanised Primer allowing 4-6 hours to dry.

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.



NEW SURFACES WOOD

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 using Universal Pink Wood Primer allowing 16-24 hours drying.

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.

PREVIOUSLY COATED SURFACES WOOD

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.

Spot prime using Universal Pinkwood Primer to all bare and repaired areas allowing 16-24 hours drying.

Apply 3 coats Universal Uniproof allowing 4-6 hours drying time in between coats.

Apply 2 coats any of the Universal top coats after allowing the Uniproof at least 4-6 hours to dry.

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 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