



UNIVERSAL ACRYLIC ROOF PRODUCT CODE: RAC00

TECHNICAL DATA SHEET

APRIL 2024 REVISION 1

PRODUCT DESCRIPTION

Universal Acrylic Roof is a new generation, water-based, pure acrylic, long-life roof coating

PRODUCT FEATURES AND BENEFITS

- Exterior coating for all types of roofs excluding Clay Tiles
 - High durability
 - UV resistant for the harsh urban/industrial environment
 - Highly water resistant
 - Excellent adhesion
 - Good application properties
 - Quick drying
 - Life expectancy of at least 10 years
 - Low odour
-

PRODUCT INFORMATION

Colour	Standard colours
Surface Appearance	Low Sheen
Resin Base	Pure Acrylic
Solids Content	By volume: Approx. 58%
VOC Content	Low VOC content 0,3% to 7,99%
Spreading Rate	Theoretical Spreading Rate: 13,6m ² /litre @ 42,5 µm DFT Practical Spreading Rate: 8,6m ² /litre @ 42,5 µm DFT
Recommend WFT & DFT	50 – 86 µm WFT depending on the surface porosity, profile and application Method 35 – 50 µm DFT depending on the surface porosity, profile and application Method
Pack Sizes	Available in 1ℓ ,5ℓ and 20ℓ



APPLICATION INFORMATION

Application Conditions	Surface Temperatures at 23°C Relative Humidity 50%
Recoating Time	4-6 hours to dry before over coating
Application Methods	Brush, Roller or Airless Spray
Thinner	Is ready for use, do not thin.
Cleaning of equipment	Water

SURFACE PREPARATION

NEW SURFACES ROOF TILES

The substrates must be clean, dry, 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 the Universal Acrylic Sealer (allowing 3-4 hours to dry).

Apply 2 coats Universal Acrylic Roof allowing 4-6 hours to dry between coats.

PREVIOUSLY COATED SURFACES 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.

Spot prime using Universal Acrylic Sealer (allowing 3-4 hours to dry) to all bare and repaired areas.

Apply 2 coats Universal Acrylic Roof allowing 4-6 hours to dry between coats.

NEW SURFACES GALVANISED STEEL

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

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

After drying, the whole substrate is coated with Universal Paints Galvanised Primer. Allowing 24 hours to dry.

Apply 2 coats of Universal Acrylic Roof allowing 4-6 hours to dry in between coats.



PREVIOUSLY COATED SURFACES 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.

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

Rusted areas need to be cleaned back to bright metal and spot primed with Universal Paints Galvanised Primer or Universal Red oxide Quick-Dry Primer. Allow 24 hours to dry.

Apply 2 coats of Universal Acrylic Roof allowing 4-6 hours to dry between coats.

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.

Apply 2 coats Universal Acrylic Roof allowing 4-6 hours to dry between coats.

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.

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.

Spot prime using Universal Pinkwood Primer to all bare and repaired areas.

Apply 2 coats Universal Acrylic Roof allowing 4-6 hours to dry between coats.

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

