



UNIVERSAL ACRYLIC ROOF PRODUCT CODE: RAC00

TECHNICAL DATA SHEET
JULY 2019 REVISION 4

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
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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 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

DISCLAIMER

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