UNIVERSAL FLEXI-RUBBER PRODUCT CODE: RF001
TECHNICAL DATA SHEET
APRIL 2023 REV.1

PRODUCT DESCRIPTION

Universal Flexi Rubber is a new generation, water-based, pure acrylic, long-life waterproofing coating with excellent stretchability and elasticity, suitable for use on a variety of substrates.

PRODUCT FEATURES AND BENEFITS

Exterior/Interior coating for all types of substrates.

Heavy duty rubberised coating to seal out moisture and waterproofing

Seals vertical and horizontal hair line cracks on walls parapet walls, waterproofing ridging, flashing areas on concrete tiles, fibre cement roofs, metal roofs as well as overlaps and screw heads..

UV resistant for the harsh urban/industrial environment

Highly water resistant

Excellent adhesion

Protection against corrosion

Good application properties

Quick drying / Low odour

Can be overcoated with Universal Paints Roof or Decorative paints, or used as a final coat

Life expectancy of at least 10 years

PRODUCT INFORMATION

Colour	Black
Surface Appearance	Medium Sheen
Resin Base	Pure Acrylic
Solids Content	By volume: Approx. 48%
VOC Content	Low VOC content 1.4% to 1.8%
Spreading Rate	Theoretical Spreading Rate: 13,6m²/litre @ 42,5 µm DFT Practical Spreading Rate: 6 to 8m²/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 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
Number of Coats	Two (2) coat system (Three (3) coats if used as a final coat)
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. (Refer to TDS for application).

No primer required.

Apply 2 (two) coats Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry between coats.
If a top coat of paint is not applied, it is recommended that a 3rd (third) coat of Flexi Rubber is applied as the top coat.

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 down 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. (Refer to TDS for application).

No primer required.

Apply two coats Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry between coats.
If a top coat of paint is not applied, it is recommended that a third coat of Flexi Rubber is applied as the top coat.

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 to be coated with Universal Paints Galvanised Primer. Allowing 24 hours to dry.

Apply 2 (two) coats of Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry in between coats.
If a top coat of paint is not applied, it is recommended that a 3rd (third) coat of Flexi Rubber is applied as the top coat.

PREVIOUSLY COATED SURFACES GALVANISED STEEL / CHROMADEK SHEETING

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 Paints Red Oxide Quick-Dry Primer. Allow 24 hours to dry.

Apply 2 (two) coats of Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry between coats.
If a top coat of paint is not applied, it is recommended that a 3rd (third) coat of Flexi Rubber is applied as the top coat.

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 (two) coats Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry between coats.
If a top coat of paint is not applied, it is recommended that a 3rd (third) coat of Flexi Rubber is applied as the top coat.

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 substrate

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. (Refer to TDS for application).

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

Apply 2 (two) coats Universal Acrylic Flexi-Rubber allowing 4-6 hours to dry between coats.
If a top coat of paint is not applied, it is recommended that a 3rd (third) coat of Flexi Rubber is applied as the top coat.

PRECAUTIONS
For detailed safety information please refer to Material Safety Data Sheet
This product is 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