

PRODUCT DESCRIPTION

BOTICA RC 2 is an acrylic, flexible waterproofing emulsion that cures into a tough elastic waterproofing film.

STANDARD APPROVAL

Approved by TUV from Singapore 2010.

PHYSICAL DATA

Resin	Acrylic
Form	Liquid Paste
Density	1.30 kg/litre
Viscosity @ 25°C	30,000-50,000 cps
Solid Content	75-83% by Weight
Elongation	>1000%
Tensile Strenght (reinforced)	>4.5N/mm ²
Reflectivity	85%
OUV Accelerated Wethering	No cracking
Drying Time	12 hours
Application Temperature	-10°C to 50°C
Service Temperature	-10°C to 100°C

RECOMMENDED USES:

- Designed as exposed waterproofing membrane to
- Flat and pitched roof for residential and commercial structures
 - Terminate around pipes, conduits, and for continuity of sheet membranes onto parapet walls etc.
 - Designed to prevent water seepage on:
 - External Walls
 - Metal roof & gutters
 - Roof Tiles
- As reflective top coat on Torch On membrane and other compatible exposed roofing materials.
- * For old and new structures and Re-roofing.



SUBSTRATE TYPES

Bonds well to Concrete, Cement sand backings, Steel, Metal, Timber, Brick, Powdery or Pre-painted surfaces.

Disclaimer. All representations and recommendations set forth are given in good faith and the best of our knowledge. However due to varying conditions and applications the buyer shall conduct its own tests of this product before use. Under no circumstances will the manufacturer be liable for any loss or damages caused by incorrect usage. The sale of this product shall be on terms and conditions set forth on BOTICA's order acknowledgement

FEATURES AND BENEFITS

- . water based, Environmentally friendly.
 - . Ability to bridge cracks.
 - . Can be tiled over successfully.
 - . Protect concrete against carbonation and attack from pollutants.
 - . Compatible with most materials like bitumen and polyurethane products
 - . Prevent corrosion of metals
 - . Withstand strong ultraviolet rays.
 - . Remains flexible over wide range of substrates.
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MIXING AND APPLICATION METHODS

BOTICA RC 2 can be applied using brush or roller.

As concrete flat roof waterproofing:

Apply BOTICA RC 2 diluted 1:1 with clean water as priming coat or apply a layer of low vapour transmission barrier.

Once dry, apply BOTICA RC 2 as neat, on the prepared surface at a rate of 1.5-2.0 m² per litre. Apply minimum 2 coats.

For large roof areas, a fabric mesh reinforcement is bedded between the 1st and 2nd coat of BOTICA RC 2 to help control film thickness and to increase tensile strength. Apply final coat to achieve film and colour consistency.

On metal gutters and external walls

Priming is required only on external pre-painted walls where the paintwork is weak.

On timber, brick and roof tiles, no priming is required. Apply 2 finishing coats BOTICA RC 2 waterproofing membrane.

On metal roof or gutters, apply anti-rust primer as primer coat before applying 2 coats BOTICA RC 2 waterproofing.

SURFACE PREPARATION

All surface must be sound, clean and free of dust, grease, oil, curing compound and any foreign materials which will inhibit proper bond. Concrete should have a surface texture similar to a light broom finish.

CONDITION DURING APPLICATION

Sharking or mixing with machine 2 minutes before used, apply under temperature from 50°C. The temperature should be measured in the vicinity of the substrate.

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PACKAGING AND COVERAGE

BOTICA RC2 :

19Litres / 5US Gallon

COVERAGE:

On Concrete roofs 30 - 40 m²/20Litres/Coat

On Facade/vertical 40 - 60 m²/20Litres/Coat

STORAGE AND SHELF LIFE

Please store with dry place and should be with temperature 10^oC to 35^oC, in an elevated condition.

HEALTH AND SAFETY

BOTICA RC2 is Non-toxic. Please observe the precaution displayed the container from away with child, food, drinks, animals and container must be ventilated. If any immediately emergency use water and consult with doctor. Avoid skin contact and eyes should be use glove and eyes glass.

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