

ROOFDEC

DESCRIPTION OF PRODUCT

ROOFDEC is an excellent quality acrylic copolymer emulsion blend which is suitable as a protective and decorative coating for a wide range of roof surfaces. It can also be used as a hard wearing coating for walls and floors.

GENERAL PRODUCT INFORMATION

- Appearance: A viscous liquid available in various colours
- Colours: A range of standard colours is available
- Packaging: 5 and 20 litre buckets
- Storage: Shelf life is 12 months in sealed and unopened containers. Product should be stored out of direct sunlight with temperature range between 5 - 35 degrees C.
- Solids content: 46%
- PH: Liquid 6.0
- Specific Gravity: 1.15
- Viscosity: 500-600 cp Brookfield
- Chemical resistance: Resistant to mild acids and alkalis
- Wear resistance: Over 12000 scrubs (SABS 10000)

AREAS OF USE

Suitable for coating the following types of substrates:

- Concrete roof tiles
- Galvanised metal roof sheeting
- Bitumen waterproofing
- Concrete
- Brickwork
- Wooden shingles
- Asbestos or fibre cement slate roofs

PRODUCT FEATURES

- Attractive range of colours
- UV stable and weather and storm resistant.
- Resistant to fungal growth.
- Proven track record
- Non messy and easy application using semi skilled labour.
- Rapid drying due to high solids content.
- Non toxic.
- Clean up with water.
- Highly abrasion resistant and resistant to foot traffic.

APPLICATION INSTRUCTIONS

- All surfaces should be dry, clean, sound and free of dust, dirt, grease, fungus, oil grease and rust.
- Bitumen surfaces can be overcoated, but the use of Aquagard Bondsolv Primer is required. Please contact the Aquagard consultant for advice.
- Oil or alkyd based coatings are not suitable for coating over and should be removed completely using vapour blasting method.

- Where roofs are rusted, this should be removed back to shiny metal using sand paper, wire brushing or vapour blasting. It is also recommended that on completion of the mechanical abrasion that Aquagard Rust and Etch Cleaner be applied, surfaces agitated and then thoroughly rinsed off, preferably with high pressure water jet cleaner. Priming is required to rust treated surfaces using Aquagard AG4 rust inhibitor primer.
- Galvanised metal surfaces should be treated using Aquagard Rust and Etch Cleaner as per instructions. New roofs may need to be treated twice. This should include applying the Rust and Etch Cleaner, thoroughly agitating with brushes or scouring pads and rinsing off with copious amounts of water or high pressure water jet.
- Existing paint layers can be coated over. But it is important to ensure that the existing coating is bonding sufficiently. All loose paint must be removed by means of scraping, wire brushing, grinding or best still vapour blasting method. Chalkiness must be removed from existing paint coatings as this can severely compromise the adhesion of the Roofdec. This is best achieved by applying Aquagard Rust and Etch Cleaner and then cleaning thoroughly with high pressure waterjet cleaner. If a white cloth or fingers are rubbed hard onto the surface, no chalky residue should wipe off. Where existing paint coating has failed completely it should be removed in entirety.
- The most reliable application method is airless spray. A Graco or similar machine with sufficient capacity is suitable. Tips of 517 and 519, are suitable depending on conditions.
- Brush or roller can be used, but generally only on smaller surfaces.
- The product should be thoroughly stirred before application. A flat wooden paddle or low speed mechanical mixer on a drill can be used.
- It is neither necessary or recommended to add water or thin the Roofdec.
- Range of surface temperature suitable for application is between 5 - 40 degrees C.
- Cleaning of tools and machines to be done with water.
- Touch dry time is generally within 30 minutes. Hard dry is within 4 - 6 hours at 25 degrees C. Full cure is attained after 7 days.
- Batch numbers should correspond to prevent differences in colour finish



**WATERPROOFING
SOLUTIONS**

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LIMITATIONS

- The product is not suitable for surfaces which are subject to extended immersion in water (ponding)
- Do not apply if rain or dew is expected within 4 hours after application
- The product should not be applied to wet surfaces or when the ambient relative humidity is more than 82%. It is also recommended that the product not be applied when the ambient air temperature is close to dew point (within 2 degrees C) as condensation may occur on the surface being coated.
- The product is not suitable for use with a conventional (compressed) air sprayer

COVERAGE

Coverage is generally 3,5 - 4m² per litre per coat including wastage and surface profile.

DISCLAIMER

Whilst Aquagard makes every effort to ensure that all information given is accurate, the use and application of our products is outside our direct or continuous control, therefore Aquagard cannot accept any direct or indirect liability arising from the use of our products. Aquagard is able to supply a manufacturers guarantee on request. Please contact the Aquagard consultant for further information.

HEALTH AND SAFETY

Please read the product label, technical data sheet and material safety data sheet before use. Do not ingest internally. Avoid contact with eyes. If solution does come into contact with eyes, flush immediately with water and refer to Doctor for medical attention. Avoid prolonged contact with skin or breathing in of mist or fumes. Wear a suitable face mask. Keep out of reach of children. Take due care and precaution when applying the product especially if working at heights.



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