

Ecoflex

DESCRIPTION OF PRODUCT

ECOFLEX is a good quality styrene acrylic copolymer emulsion waterproofing compound which is suitable for a wide range of waterproofing applications.

GENERAL PRODUCT INFORMATION

- Appearance: A viscous liquid available in various colours
- Colours: Standard colours are white, grey, red, terracotta, black and charcoal
- 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.
- PH: Liquid 6.0
- Specific Gravity: 1.20
- Viscosity: 90-95Ku
- Chemical resistance: Resistant to mild acids and alkalis

AREAS OF USE

- Flat roofs
- Tiled and metal roof repairs
- Parapets
- Window cills
- Tops of walls
- Flashings
- Asbestos or fibre cement slate roofs

PRODUCT FEATURES

- SABS tested to 1000 hours on weatherometer without deterioration.
- Minimal age hardening and retaining its flexibility over an extended time period
- UV stable and weather and storm resistant.
- Resistant to fungal growth.
- Proven track record

INSTRUCTIONS FOR USE

- **Step 1:** Ensure that surfaces are clean, dry, sound and smooth without undue voids or lumps. This can be achieved by means of scraping, wire brushing or grinding as necessary. Defective waterproofing should be stripped off and discarded.
- **Step 2:** It is generally recommended that surfaces be primed using Lastiflex Primer. This is a clear solvent based primer

which substantially improves adhesion of the Ecoflex waterproofing system. This should be applied thinly to the surface but ensuring full coverage. Brush, roller or spray can be used. The primer should be dry before the Ecoflex is laid. This takes approximately 1 hour

- **Step 3:** A generous coat of Ecoflex to be applied to the surface to be waterproofed. Generally a brush is recommended, but a roller can be used for larger areas and provided that care is taken to apply a liberal amount to the substrate. The Polyester membrane to be embedded into the wet Ecoflex and tamped down using a brush or gloved hands. Enough Ecoflex should have been applied to the surface that it penetrates through the membrane from underneath.
- **Step 4:** A further heavy coat should be applied the membrane to completely saturate it from above. There should be no creases or wrinkles in the fabric. The membrane should be worked with care and patience to mould to the form of the substrate ensuring no voids under the membrane.
- **Step 5:** Once the Ecoflex is dry it should be top coated. Two top coats are recommended. It is preferable that top coating is done the following day, especially on larger areas. However on small repair jobs, top coats can be applied within one hour depending on weather conditions.

COVERAGE

Coverage of the Ecoflex primer is 7-10 m² per litre depending on porosity of surfaces being coated. Approximately 2,1 litres per m² will be required for the full Ecoflex system including one top coat together with polyester reinforcing membrane. When Ecoflex is used as a protective coating without membrane, the coverage will be 4-6 litres per m².

LIMITATIONS

- Do not apply if rain is imminent.
- Where severe movement or cracking of the substrate has or may take place, the Aquagard Consultant to be contacted for advice and specification.



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DISCLAIMER

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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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