Technical Data Sheet



RESICHEM 551 ER Membrane

Resichem 551 ER Membrane is a single pack solvent based acrylic water proof coating. The product is supplied ready to use and is ideal for waterproofing flat roofs, pitched roofs, gutters, felt and fibreglass. The product is highly fibrous and has excellent crack or gap bridging qualities and is not adversely affected by rainwater 30 minutes after application.

Typical applications

Flat and pitched roofs, weathered asphalt and bituminous surfaces, gutters, brickwork, fibreglass, felt and metal surfaces.

Surface Preparation

Clear all areas of moss, lichen and debris by brushing or power washing and remove surface water and any contamination such as oil or grease and allow to dry as much as possible.

Most roofing surfaces and substrates will not require any primer.

Application temperature should be between 5°C-25°C (40°F-77°F).

1. Metallic substrates

This product can be applied to Ferrous (New), weathered and previously painted and galvanised iron and steel, Non Ferrous metals such as Aluminium sheeting, aluminium alloy box gutter and previously painted non-Ferrous metals.

2. Porous/ friable surfaces

Concrete and Asbestos cladding, sheeting and guttering should be primed with Resichem 505 Damp Seal prior to overcoating with Resichem 551 ER Membrane.

3. Non porous surfaces

Slate, polished bricks should be power washed, abraded and completely dry, free from contamination to achieve adhesion with Resichem 551 FR Membrane.

4. Bitumen surfaces

Discolouration may occur over new asphalt, tar or bitumen surfaces, therefore an extra coat of Resichem 551 ER Membrane may be required for decorative purposes only.

5. Previously painted or coated surfaces

It is good practice to inspect and carry out adhesion tests on any existing coating or substrate prior to the application of Resichem 551 ER Membrane.

6. Splits, cracks, joints and seals

Pay particular attention to any cracks, joints, splits and seals and ensure that the area has been cleaned out by scraping or brushing any debris away from the repair area.

PLEASE NOTE:

Resichem 551 ER Membrane is not recommended for the treatment of tanking, fishponds or internal use. Air conditioning vents should be sealed for 24 hours during and after application of this product.

As an appropriate cleaner use MEK.

Resimac Ltd, Unit 11, Poplars Industrial Estate, Wetherby Road, Boroughbridge, United Kingdom Tel: +44 1423 325073 Fax: +44 1423 325073 Email: info@resimac.co.uk Web: www.resimacsolutions.com

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Mixing and Application

Please stir the container prior to applying the product to any prepared surfaces using an electric paddle mixer.

This product can be applied by brush, roller or squeegee. For large coating surfaces we would recommend applying by squeegee.

As a rule for high build coating in excess of 1mm this material will have a practical coverage rate of 1-2kg per m², for thinner film coating (approx 300-400 microns) this product will achieve a practical coverage rate of 0.5-0.75kg per m².

Coverage Rates

5kgs (11lb) of fully mixed product will give the following coverage rates -3.33m² at 1mm 35ft² at 40mil

Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being repaired.

Cure Times

At 20°C (68°F) the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures: Shower Proof in 30 minutes

Touch dry within 12 hours at 20°C (68°F) Fully cured within 4-5 days at 20°C (68°F)

Pack Sizes

This product is available in the following pack sizes – 5kgs (11lb) 20ks (44lb)

Colour

Mixed material – Mid Grey or White

Over-coating times

Minimum - the applied material can be over-coated as soon as it is touch dry. Maximum - the over-coating time indefinite.

Storage Life

5 years if unopened and stored in normal dry conditions (15-30°C)

Health and Safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

Legal Notice: The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimac accepts no liability arising out of the use of this information or the product described herein.

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