

RESICHEM 551 ER MEMBRANE

Resichem 551 ER Membrane is a single component solvent based acrylic waterproof coating. The product has been designed as an emergency repair material to seal leaking roof and gutter surfaces.

Typical applications

The product is supplied ready to use and is ideal for emergency repairs to roofs, gutters, tank bases and fibreglass structures

Characteristics

Appearance

Single Component:

Thixotropic
acrylic
emulsion

Mixing Ratio

Single Component

Density

1.35

Solids content

70%

Sag Resistance

Nil at 1000 microns

Coverage

Brush or squeegee applications:

The material can be applied in a range of thicknesses dependent on the application.

1mm WFT	1m ² per ltr
2mm WFT	0.5m ² per ltr

Cure Times

The applied material should be allowed to harden for the times indicated below before being subjected to the conditions indicated:

Shower Proof

10°C	30 minutes
20°C	15 minutes
30°C	7.5 minutes

Touch Dry

10°C	24 hours
20°C	12 hours
30°C	6 hours

Maximum overcoating time

Indefinite

Storage life

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

Mechanical Properties

Elongation

Tested to ASTM D412
100%

Tensile Strength

Tested to ASTM D412
42kg/cm² (600psi)

Direct Pull Adhesion

Tested to ASTM D4541
16kg/cm² (230psi)

Water

Vapour

Permeability

Tested to ASTM D1653
2 x 10⁴ perm.cm

Heat Resistance

Resistant to dry heat up to 100°C dependent on load.

Quality

All Resimac Products are supplied under the scope of the company's fully documented quality system.

Warranty

Resimac warrants that the performance of the product supplied will conform to the typical descriptions quoted within this specification provided material is stored correctly and used according to the procedures detailed in the Technical Data Sheet for the material.

Health and safety

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

Legal Notice: The data contained within this Product Specification 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.