

## RESICHEM 551 ER Membrane – water based acrylic emergency roof coating

**Resichem 551 ER Membrane** is a solvent based fibrous acrylic coating designed for application onto manual prepared surfaces and in colder climates. The coating has been designed as an emergency waterproof coating that can be applied to leaking mineral felt, GRP, metal and concrete surfaces. The product can be used for small in-situ repairs or as a low cost short term waterproofing system for roof and gutter surfaces.

- UV stable membrane for roofs and GRP structures
- Cures at temperatures as low as 5°C
- Apply to damp surfaces
- Surface tolerant
- Shower proof in 15 minutes

### Typical applications

Suitable for emergency repairs to surfaces such as-  
Roofs                      gutters                      fibreglass structures

### Surface Preparation

1. 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.
2. Application temperature should be between 5-35°C (40-95°F).
3. If using 551 ER Membrane as a short term waterproofing system for roof or gutter surfaces then an adhesion check must be carried out prior to application. Please contact the Resimac Technical Department on info@resimac.co.uk or call +44 (0) 1845 577498 to receive a full system recommendation.

### Mixing

Prior to mixing please ensure the following:

1. The material is at a temperature between 15-25°C (60-77°F°).
2. The ambient & surface temperature is above 5°C (40°F°).

Once these 2 checks have been met, please proceed with mixing the product.

1. 551 ER Membrane is a single component material.
2. Agitate the product using an electric paddle mixer to ensure you have a consistent mix of acrylic emulsion.

### Application

Brush or squeegee applications

1. The coating can be applied in a single coat at 1-2mm (40-80mil) wet film thickness for emergency applications using a brush roller or squeegee.
2. For best results apply as a 2 coat system, apply 551 ER Membrane at 1mm (40mil) wet film thickness per coat using a brush or squeegee.

### Coverage Rates

5kg (1 US gallon) of fully mixed product will give the following coverage rates –  
3.7m<sup>2</sup> at 1mm                      40ft<sup>2</sup> at 40mil

20kg (4 US gallon) of fully mixed product will give the following coverage rates –  
14.8m<sup>2</sup> at 1mm                      160ft<sup>2</sup> 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	15 minutes
Touch dry	12 hours
Fully cured	3-5 days

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## Pack Sizes

This product is available in the following pack sizes –  
5kg (1 US gallon), 20kg (4 US gallon)

## Colour

Single component – Grey or White

## Over-coating times

Minimum - the material can be over-coated as soon as it is touch dry, approximately 12 hours at 20°C (68°F).  
Maximum – indefinite

## Storage Life

5 years if unopened and store in normal dry conditions (15-30°C/ 60-86°F)

## Other Technical Documents

Safety Data Sheets	-	Single component material
Product Specification Sheet	-	Technical Performance Information

## Health and Safety

Please ensure good practice is observed at all times. Protective gloves, goggles & a disposable coverall must be worn during the mixing and application of this product. Before mixing and applying the material ensure you have read the fully detailed 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 if the product is suitable for use. Resimac accepts no liability arising out of the use of this information or the product described herein.