

## RESICHEM 550 WR MEMBRANE

Resichem 550 WR Membrane is a single component water based acrylic waterproof coating. The product is a high performance waterproofing membrane with long term UV stability.

### Typical applications

The product is supplied ready to use and is ideal for water proofing roofs, tank bases and fibreglass structures

### Characteristics

#### Appearance

Single Component:

Thixotropic  
acrylic  
emulsion

#### Mixing Ratio

Single Component

#### Density

1.25

#### Solids content

60%

#### Sag Resistance

Nil at 750 microns

#### Coverage

**Brush or roller applications:**

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

300 microns WFT

3.33m<sup>2</sup> per ltr

500 microns WFT

2m<sup>2</sup> per ltr

750 microns WFT

1.33m<sup>2</sup> per ltr

### Cure Times

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

#### Touch Dry

10°C	2-4 hours
20°C	1-2 hours
30°C	30-60 minutes
40°C	15-30 minutes

#### Minimum overcoating time

10°C	6-8 hours
20°C	3-4 hours
30°C	1.5-2 hours
40°C	45-60 minutes

#### 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  
160%

#### Tensile Strength

Tested to ASTM D412  
42kg/cm<sup>2</sup> (600psi)

#### Direct Pull Adhesion

Tested to ASTM D4541  
28kg/cm<sup>2</sup> (400psi)

#### Water

#### Permeability

Tested to ASTM D1653  
2 x 10<sup>4</sup> perm.cm

#### Vapour

#### Heat Resistance

Resistant to dry heat up to 120°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.