

## RESICHEM 555 RESINOX

Resichem 555 Resinox is a single pack water based high build acrylic coating. The product is supplied ready to use and is ideal for protecting metallic and cementitious surfaces subject to weathering and corrosion. The product is capable of long term corrosion protection on mechanically abraded or hydro-blasted surfaces.

### Typical applications

The product is supplied ready to use and is ideal for Structural steel, external tank surfaces, concrete structures.

### Characteristics

#### Appearance

Single Component:

Thixotropic  
acrylic  
emulsion

#### Mixing Ratio

Single Component

#### Density

1.25

#### Solids content

65%

#### Sag Resistance

Nil at 500 microns

#### Coverage

Brush, roller or spray applications:

The material should be applied at 2.5m<sup>2</sup> per ltr at a wet film thickness of 400 microns.

#### 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	1 hour
20°C	30 minutes
30°C	15 minutes
40°C	7.5 minutes

##### Minimum overcoating time

10°C	1 hour
20°C	30 minutes
30°C	15 minutes
40°C	7.5 minutes

##### Maximum overcoating time

Indefinite

#### Storage life

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

### Mechanical Properties

#### Tensile Strength

Tested to ASTM 412  
3.2N/ mm<sup>2</sup> (2750psi)

#### Corrosion Weathering

Tested to ASTM D4798  
1500 hrs no cracks or blistering

#### Corrosion Resistance

Tested to ASTM B117  
5000 hrs excellent

#### Elongation

Tested to ASTM D412  
230%

#### UV Resistance

Tested to ASTM D4587  
5000 hrs unaffected

#### Impact Resistance

Tested to ASTM D244  
110lb/ins

#### Heat Resistance

Resistant to dry heat up to 90°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.