

## RESICHEM 570 CONCRETE REPAIR XF

**Resichem 570 Concrete Patch Repair XF** is a self-priming three part solvent free epoxy repair mortar designed for use on cementitious surfaces. The product offers good chemical and abrasion resistance and is ideal for quick repairs to damaged concrete substrates.

### Typical applications

Suitable for rebuilding the following surfaces -  
Floors, Steps, Ramps, Coving  
Expansion Joints

### Characteristics

#### Appearance

Base Component: Green  
Activator component: Grey  
Aggregate: Natural

#### Mixing Ratio

Product cannot be part mixed

#### Density

Mixed: 2.25

#### Solids content

100%

#### Sag Resistance

Nil at 20mm

#### Coverage

##### Trowel applications:

0.73m<sup>2</sup> at 3mm 7.8ft<sup>2</sup> at 0.11"  
0.44m<sup>2</sup> at 5mm 4.7ft<sup>2</sup> at 0.19"  
0.31m<sup>2</sup> at 7mm 3.3ft<sup>2</sup> at 0.27"  
0.24m<sup>2</sup> at 9mm 2.6ft<sup>2</sup> at 0.35"

### Cure Times

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

#### Usable life

10°C 40 minutes  
20°C 20 minutes  
30°C 10 minutes  
40°C 5 minutes

#### Foot Traffic

10°C 4 hours  
20°C 2 hours  
30°C 1 hour  
40°C 30 minutes

#### Forklift Traffic

10°C 8 hours  
20°C 4 hours  
30°C 2 hours  
40°C 1 hour

### Storage life

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

### Mechanical Properties

#### Abrasion Resistance

Taber CS17 Wheels/1 Kg load  
122mg loss/1000 cycles  
0.55cc loss/1000 cycles

#### Compressive strength

Tested to ASTM D 695  
840kg/cm<sup>2</sup> (12000psi)

#### Flexural Strength

Tested to ASTM D790  
35kg/cm<sup>2</sup> (500psi)

#### Direct Pull off Adhesion

Tested to ASTM D4060  
35kg/cm<sup>2</sup> (300psi)

### Chemical Resistance

The product resists attack by a wide variety of low concentration industrial chemicals:

Typical Chemicals	Maximum Temperature
Brine	40°C
Crude Oil	40°C
De-ionised Water	20°C
Diesel	40°C
Hydrochloric Acid 10%	40°C
Phosphoric Acid 30%	40°C
Sodium Hydroxide 50%	40°C
Sulphuric acid 10%	40°C

For more detailed information refer to the Resimac Technical Centre for advice.

## 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.