

# Quick application guide

## RESICHEM 571 Concrete Repair LW

- Lightweight repair product
- Ideal for overhead and vertical cementitious surfaces
- Capable of being applied to 50mm (2") thickness without sagging

### Cure Times

At 20°C (68°F) the product will have the following cure times –

Usable Life	2 Hours
Movement without load or immersion	8 Hours
Light loading	16 Hours
Full loading	3 days
Chemical contact	5 Days

### Coverage Rates

2.5kg/ 2.5ltrs (1.5 US gallon) of fully mixed product will give the following coverage rates –

0.5m <sup>2</sup> at 5mm	5.36ft <sup>2</sup> at 0.19"
0.25m <sup>2</sup> at 10mm	2.69ft <sup>2</sup> at 0.27"
0.125m <sup>2</sup> at 20mm	1.35ft <sup>2</sup> at 0.8"

### Colour

Mixed material –

Mid grey

Activator component –

Amber

### Typical Applications

- Lintels
- Sills
- Walls
- Ceilings

### Technical specifications and characteristics

**Mixing ratios** Material supplied in pre-weighed units and should not be part mixed

#### Volumetric capacity

Metric 1000cc/kg

### Surface Preparation

#### Clean Concrete

1. Compressed air can be used to clean the surface and ensure all debris and contaminants have been cleaned from any hairline cracks or deep pitting.
2. A vacuum must be used to ensure the repair area is dust/debris free.

#### Coated Concrete

1. The surface of the concrete will need to be scarified to remove any existing coatings and to ensure the repair material bonds to the surface.
2. Use a handheld mechanical grinder to clean the surface.
3. Once the repair area has been scarified it must be vacuumed and be dust/ debris free.

### Over-coating times

**Minimum –** 8 hours  
(or as soon as touch dry)

**Maximum –** Indefinite

### Mixing and Application

#### STEP 1

Ensure you have 1 x agg unit, 1 x activator unit, 1 x Primer base unit and 1 x primer activator unit. 1 spatula and/or a slow speed drill and paddle mixer



#### STEP 2

Open the primer activator tin and Pour contents into the primer base unit. Mix until streak free and apply the repair by brush. Ensure the surface remains wet as material will be absorbed by the porosity of the concrete.



#### STEP 3

Pour the contents of the base unit Into the aggregate container. Begin Mixing with the spatula and then Switch to hands or drill. Mix until a Uniform consistency.



#### STEP 4

Apply the mortar onto the wet Primed area using trowels and spatulas.



#### STEP 5

Smooth the finish as required using Water or solvent to keep tools from Sticking to the mortar.

