

Quick application guide

RESICHEM 577 Chem Screed

- High strength and hard wearing
- Ideal for chemical process areas

Cure Times

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

Usable life	25 minutes
Hard Dry	6 hours
Minimum over coating	6 hours
Maximum over coating	24 hours
Foot Traffic	24 hours
Forklift traffic	48 hours

Colour

Mixed material –

Dark grey and red

Activator component –
Amber

Base component –
Dark grey and red

Coverage Rates

30kg/ 13.9ltrs (3.68 US gallon) of fully mixed product will give the following coverage rates –

2.78m ² at 5mm, 30ft ² at 0.20"
1.39m ² at 10mm, 14.95ft ² at 0.4"
0.695m ² at 20mm, 7.48ft ² at 0.75"

Typical Applications

Ideal for coating concrete floors, problematic cementitious surfaces in industrial warehouses and manufacturing, offices and laboratories.

Technical specifications and characteristics

Mixing Ratio

By weight: 4.7:1

Density

Base:	1.41
Activator:	1.02
Aggregate:	2.7
Mixed:	2.16

Solids content
100%

Surface Preparation

Existing Concrete

1. If the concrete surface is contaminated, pressure wash using clean water.
2. Once the concrete is dry, lightly abrasive blast or scarify taking care not to expose the aggregate.

New Concrete

1. Allow new concrete to cure for a minimum of 21 days and treat to remove any surface laitance.
2. Check the moisture content of the concrete prior to coating (8% moisture content or below).
3. Lightly scarify the surface taking care not to expose the aggregate.

All surfaces should be primed with Resichem 577 Chem screed primer.

Over-coating times

Minimum – 6 hours
(or as soon as can accept foot traffic)

Maximum – 24 hours with itself.

Mixing and Application

STEP 1

Ensure all surfaces are correctly Primed with Resichem 577 Chem Screed primer.



STEP 2

Ensure you have 1 x agg unit, 1 x activator unit, 1 x base unit, metal Trowels, a high powered screed paddle mixer or a forced action rotary mixer.



STEP 3

Pour the contents of the base and Activator components into the mixing Tub. Mix together until streak free.



STEP 3

Pour the contents of the aggregate Bag into the container and Mechanically mix until homogenous And uniform in colour

STEP 4

Pour onto the surface and smooth With a metal trowel. A screed box Or wooden lats can be used to aid Thickness control.



STEP 5

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

