

Quick application guide

RESICHEM 520 UV

UV stable
Graffiti resistant
Flexible and hard wearing

Cure Times

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

Usable life	90 minutes
Touch dry	4 hours
Minimum overcoating time	4 hours
Maximum overcoating	48 hours

Coverage Rates

4.5ltrs (1.2 US gallon) of fully mixed product will give the following coverage rates –

45m² at 100 microns
482ft² at 4mil

Colour

Mixed material –

White

Base component –

White

Activator component –

Clear

Typical Applications

Factory Walls
Police cells
Hospital Walls
Laboratories
External surfaces
Warehouses
Food factories
Offices

Technical specifications and characteristics

Mixing Ratio

By weight:	4:1
By volume:	3.5:1

Density

Base:	1.27
Activator:	1.10
Mixed:	1.23

Solids content

50%

Surface Preparation

Metallic Substrates – Mechanical abrasion

All oil and grease must be removed from the surface using an appropriate cleaner such as MEK.

All surfaces must be mechanically abraded using handheld grinders to *ISO 8501/4 ST3 (SSPC SP3 ST3)*.

The surface must be cleaned using MEK.

All surfaces must be primed with Resichem 521 GP epoxy primer, applied at 100 microns (4mil) WFT.

Existing Concrete

Pressure wash the surface using clean water.

Once dry, lightly abrade the concrete surface.

Clean all dust and debris from the surface.

Seal the concrete surface with 522 Acrylic Sealer, apply at 50-75 microns (2-3mil) WFT.

Once cured the surface of the concrete must have a uniform finish, any dull patches need to be overcoated.

After 2 hours at 20°C (68°F), prime all surfaces with 2 coats of Resichem 521 GP epoxy primer, apply at 100 microns (4mil) WFT per coat.

New Concrete

Check the moisture content of the concrete prior to coating (8% moisture content or below).

Lightly scarify the surface.

Clean all dust and debris from the surface.

Seal the concrete surface with 522 Acrylic Sealer, apply at 100 microns (4mils) WFT.

Once cured the surface of the concrete must have a uniform finish, any dull patches need to be overcoated.

After 2 hours at 20°C (68°F), prime all surfaces with 2 coats of Resichem 521 GP epoxy primer, apply at 100 microns (4mil) WFT per coat.

Plasterboard

Ensure the plasterboard surface is dry and free from contaminants

Seal the concrete surface with 522 Acrylic Sealer, apply at 100 microns (4mils) WFT.

Once cured the surface of the concrete must have a uniform finish, any dull patches need to be overcoated.

After 2 hours at 20°C (68°F), prime all surfaces with 2 coats of Resichem 521 GP epoxy primer, apply at 100 microns (4mil) WFT per coat.

Mixing and Application

STEP 1

Ensure you have 1 x base unit, 1 x activator unit, a slow speed drill and paddle mixer, brushes and short pile or foam rollers



STEP 2

Open the activator tin and pour Contents into the base unit.



STEP 3

Mix the two components using the drill and paddle.



STEP 4

To ensure the product is fully mixed check the material for any colour difference. The mixed material should be a consistent mix.



STEP 5

Once the material is fully mixed Pour into a roller tray or clean Receptacle, and apply the product to the substrate using a paintbrush or short pile roller.

STEP 6

Allow to cure and repeat the Process for the 2nd coat