

Resichem 503 SPEP XL

- Solvent free low viscosity epoxy primer
- Penetrating primer for concrete surfaces
- Ideal for spray applications

Cure Times

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

Usable life	50 mins
Minimum overcoating	8 hrs
Maximum overcoating	36 hrs

Coverage Rates

The mixed product will give the following coverage rates -

4ltrs (1.1 US gallon) –	26.6m ² at 150 microns
286ft ² at 6mil	
15ltrs (4 US gallon) –	100m ² at 150 microns
1075ft ² at 6mil	

Colour

Base component – Pale Straw
Activator component – Amber

Over-coating times

Minimum - the material can be over-coated as soon as it is touch dry, approximately 8 hours at (20°C (68°F)).

Maximum - the over-coating time should not exceed 36 hours.

Typical applications

Penetrating primer for concrete and cementitious surfaces such as, internal & external tanks surfaces, floors, structural concrete

Technical specifications and characteristics

Mixing ratios	By weight	1.65 to 1
	By volume	1.5 to 1
Density	Base:	1.12
	Activator	1.00
	Mixed	1.08

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.
3. Clean all dust and debris from the surface

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.
4. Clean all dust and debris from the surface

Mixing and Application

STEP 1

Ensure you have 1 x base unit, 1 x activator unit, 1 x spatula and slow speed drill and paddle mixer



STEP 2

Pour the entire contents of the activator container into the base container.



STEP 3

Mix thoroughly, taking to care To ensure any unmixed base component is scraped down from the edges of the container using a spatula. Continue mixing until a streak free, uniform material is achieved.



STEP 4

Apply to the correctly prepared substrate using a brush or medium pile roller to the required wet film thickness of 150 microns (verified using wet film thickness gauge)



STEP 5

Allow to cure for minimum of 8 hours. The primer should Have a uniform semi-gloss Finish, any dull patches are Caused by excessive porosity. Any dull patches must be over Coated with a 2nd coat at 150 microns WFT

