

## Resichem 505 Damp Seal

- Solvent free low viscosity epoxy primer
- Primer for green and wet concrete surfaces
- Excellent adhesion to porous surfaces

### Cure Times

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

<b>Usable life</b>	45 mins
<b>Minimum overcoating</b>	8 hrs
<b>Maximum overcoating</b>	36 hrs

### Coverage Rates

The mixed product will give the following coverage rates -

4.5ltrs (1.2 US gallon) –  
30m<sup>2</sup> at 150 microns  
322ft<sup>2</sup> 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 green or newly laid concrete and cementitious surfaces such as, internal & external tanks surfaces, floors, structural concrete

### Technical specifications and characteristics

<b>Mixing ratios</b>	By weight	1.65 to 1
	By volume	3 to 2
<b>Density</b>	Base:	1.15
	Activator	1.02
	Mixed	1.08

### Surface Preparation

#### Existing Concrete

1. If the concrete surface is contaminated, pressure wash using clean water.
2. Clear any standing water from the surface of the concrete.

#### New Concrete

1. Allow new concrete to cure for a minimum of 3-4 days and treat to remove any surface laitance.
2. Lightly scarify the surface taking care not to expose the aggregate.
3. 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 2<sup>nd</sup> coat at 150 microns WFT.

