

## RESICHEM 505 Damp Seal

**Resichem 505 Damp Seal** is an epoxy resin based solvent free thin film primer specifically developed to be used on damp concrete surfaces. On curing the product consolidates the substrate and helps to improve adhesion during application of other coating systems.

### Typical applications

Ideal for coating concrete floors, problematic cementitious surfaces

### Surface Preparation

Remove any contamination and lightly abrasive blast or scarify taking care not to expose the aggregate. Allow new concrete to cure for a minimum 21 days and remove any surface laitance before coating. Ensure the moisture content of the concrete is 20% or below.

The surface of the concrete must be 5°C (40°F) or above.

### Mixing and Application

Transfer the contents of the Activator unit into the Base container and mix thoroughly until a uniform material free of any streaks is achieved. From the commencement of mixing the whole of the material should be used within 45 minutes at 20°C (68°F).

Transfer the mixed material to a suitable paint tray or container and apply evenly to the substrate as soon as possible by means of a short nap roller. Over large areas a soft foam squeegee can be used to initially spread, with a roller coat to finish. Sufficient material should be applied evenly to satisfy the porosity of the substrate, take care to avoid ponding of material. Once cured the coating should have a semi gloss finish over the whole floor, where there are signs of excessive porosity in the surface, the coating will have a dull finish. In such circumstances or where pinhole and weak spots are evident a second coat will be required.

### Coverage Rates

4.5ltrs (1.2 US gallon) of fully mixed product will give the following coverage rates –  
30m<sup>2</sup> at 150 microns                      323ft<sup>2</sup> at 6mil

*Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being repaired.*

### Cure Times

At 20°C the applied materials should be allowed to harden for the times indicated below before being subjected to the conditions indicated. These times will be extended at lower temperatures and reduced at higher temperatures:

Usable life	45 minutes
Hard Dry	8 hours
Minimum overcoating	8 hours
Light loading	12 hours
Maximum overcoating	24 hours
Full loading	3 days

## Pack Sizes

This product is available in the following pack sizes –  
4.5ltrs (1.2 US gallon)

## Colour

Mixed material – Amber

## Over-coating times

Minimum - the applied material can be over-coated as soon as it is touch dry.  
Maximum - the over-coating time should not exceed 24 hours.

Where the maximum over-coating time is exceeded, the material should be allowed to harden before being abraded or flash blasted to remove surface contamination.

## Storage Life

5 years if unopened and store in normal dry conditions (15-30°C/ 60-86°F)

## Health and Safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves must be worn during the mixing and application of this product. Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

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