

RESICHEM 522 Acrylic Concrete Sealer

Resichem 522 Acrylic Concrete Sealer is a water based acrylic emulsion ideal for sealing concrete and cementitious surfaces. The low viscosity fluid penetrates deep into the surface making it ideal for dustproofing and sealing concrete substrates. Resichem 522 Acrylic Concrete Sealer is a single pack product with low odour which is safe and easy to apply, once cured the coating will leave a slight sheen to sealed concrete substrates.

Typical applications

Garages	Warehouses	Kitchens	Laboratories	Cell walls
Food processing areas		Light production areas		

Surface Preparation

1. Concrete, brick and other masonry surfaces

All concrete surfaces must be abraded using handheld mechanical grinders to remove any surface laitance, loose material or contamination from the surface.

For all concrete surfaces the moisture content must be measured at 8% or less before any coating work can commence. Once the moisture content of the concrete has been measured and is below 8% then the surface of the concrete can be sealed using Resichem 522 Acrylic Sealer.

2. Plasterboard & Plaster

The surfaces must be clean and free from dust and other surface contaminants.

Mixing and Application

Do not apply when the ambient or substrate temperature is below 10°C or humidity is above 85%

Agitate the single component material using a drill and paddle mixer.

Using a short to medium pile roller apply 522 Acrylic concrete sealer to the substrate.

Depending on the porosity of the surface 2 x coats of material may need to be applied. After the 1st coat of material there should be a slight sheen to the concrete substrate. If there are any dull patches or inconsistencies on the cured finish a 2nd coat of 522 Acrylic Concrete Sealer must be applied.

Coverage Rates

5ltrs of product will give the following coverage rates –
42.5m² at 100 microns

20ltrs of product will give the following coverage rates –
170m² at 100 microns

Cure Times

At 20°C the applied material 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:

Touch Dry	1-2 hours
Minimum over coating	1-2 hours
Maximum Over coating	72 hours

Pack Sizes

This product is available in the following pack sizes –
5ltr or 20ltr units

Colour

Material – Milky
Cured – Clear

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 72 hours.

Storage Life

2 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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