



522 Acrylic Sealer

Water based, single component acrylic sealer designed to penetrate and seal porous concrete or cementitious surfaces, leaving a light sheen finish.

- Water based acrylic sealer
- Penetrates and seals porous concrete
- Fast drying and low odour
- Suitable for cementitious surfaces and substrates

2025 Product Sheet

Typical Applications

522 Acrylic Sealer is a water based, single component acrylic emulsion developed to seal and dustproof porous concrete and cementitious surfaces. Its low viscosity formulation penetrates deep into the substrate, helping to stabilise the surface while reducing dust and moisture ingress.

- Hygienic wall coating systems
- Concrete sealing
- Cementitious surface priming

Cure times

Min overcoating time		Max overcoating time		Full Cure	
10°C/50°F	4 hours	10°C/50°F	12 hours	10°C/50°F	4 days
20°C/68°F	2 hours	20°C/68°F	6 hours	20°C/68°F	2 days
30°C/86°F	1 hour	30°C/86°F	3 hours	30°C/86°F	1 day
40°C/104°F	30 mins	40°C/104°F	90 mins	40°C/104°F	12 hours

Characteristics

Appearance

Single component	Milky liquid
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Solids Content

100%

Volume Capacity

1000cc/kg

Sag Resistance

Nil at 100 microns

Density

Mixed 1

Storage Life

2 years if unopened and stored in normal dry conditions, 15–30°C (59–86°F)

Coverage

5ltrs (1.2 US gallons) of fully mixed product will give the following coverage rates

50m ² at 100 microns	536ft ² at 4mil
20ltrs (5.3 US gallons)	
200m ² at 100 microns	2146ft ² at 4mil

Details & Legal

Quality

All Resimac Products are supplied under the scope of the company's fully documented quality system.

Warranty

Resimac warrants that the performance of the product supplied will conform to the typical descriptions quoted within this specification provided material is stored correctly and used according to the procedures detailed in this document.

Pack Sizes

This product is available in the following pack sizes:

- 5ltrs (1.2 gallons)
- 20ltrs (5.3 gallons)

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

Application Guide

A. Surface Preparation

Existing concrete:

- 1 If the concrete surface is contaminated, pressure wash using clean water.
- 2 Once the concrete is dry, lightly abrade or scarify taking care not to expose the aggregate.
- 3 Clean all dust and debris from the surface.

Plasterboard:

- 1 Ensure the plasterboard surface is dry and free from contaminants.

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.

Health & Safety

Please ensure good practice is observed at all times during the mixing and application of this product. Protective gloves and other recommended personal protective equipment must be worn during the mixing and application of this product.

Before mixing and applying the material, please ensure you have read and fully understood all information.

B. Product Preparation

Prior to mixing, please ensure the following:

- 1 This product is a single component material, however, please ensure the following:
- 2 The material is at a temperature between 15–25°C (60–77°F).
- 3 The ambient & surface temperature is above 10°C (50°F).
- 4 The ambient & surface temperatures are not less than 3°C (6°F) above the dew point.

C. Mixing

Single component (5ltrs/20ltrs):

- 1 Shake the plastic unit containing 522 Acrylic sealer to mix the material.
- 2 Open the container and begin to stir with a spatula ensure a consistent mix.

D. Application

Brush or roller applications:

- 1 Pour the material into a paint kettle or paint tray.
- 2 Using a 50mm (2") wide synthetic brush, stripe coat all edges, joints, corners and equipment with the material. Apply the material as liberally as possible.
- 3 Once the stripe coat has cured sufficiently and is capable of being overcoated, apply 522 Acrylic Sealer to all surfaces as liberally as possible (approx. 100 microns/4mil WFT).
- 4 Once the sealer has cured the coated surface should have a sheen, if there are any dull patches these will need to be overcoated with a further coat of 522 Acrylic Sealer.
- 5 Once you have a uniform finish to the coated surface leave the sealer to cure for 2 hours at 20°C (68°F).

Quick Application Guide



Step 1

Ensure you have:

1 x unit of material

1 x spatula

1 x paint kettle

(or) 1 x paint tray

1 x medium pile roller



Step 2

Shake the plastic unit containing 522 Acrylic sealer to mix the material. Open the container and begin to stir with a spatula ensure a consistent mix.



Step 3

Pour the material into a paint kettle or paint tray.



Step 4

Using a 50mm (2") wide synthetic brush, stripe coat all edges, joints, corners and equipment with the material. Apply the material as liberally as possible.



Step 5

Once the sealer has cured the coated surface should have a sheen, if there are any dull patches these will need to be overcoated with a further coat of 522 Acrylic Sealer.

About Resimac

A UK based manufacturer of epoxy and polyurethane coatings and repair materials.

From our head office in the heart of rural North Yorkshire, England we supply our range of Epoxy, Polyurethane & Silicone coatings and repair materials to the Oil & Gas, Petrochemical, Marine, Paper & Pulp, Water, Power Generation & Chemical Industries.

Legal Notice

The data contained within this Product Specification is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimac accepts no liability arising out of the use of this information or the product described herein.

Information & Enquiries

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