RESICHEM 523 Wall Coat FP –
water based acrylic anti-carbonation coating

Resichem 523 Wall Coat FP is a single component water based acrylic coating designed to give a flexible, UV stable, weatherproof finish to external surfaces. The product is supplied ready to use and can be applied to concrete, plaster, brick & asbestos cement.

- UV stable membrane
- Seamless & flexible waterproofing system
- Single component

Typical applications
External surfaces such as concrete, brick, plaster & asbestos cement.

Surface Preparation
1. All surfaces must be clean, dry and free from contamination.
2. Any areas of moss or fungal growth must be treated with a fungicidal wash.
3. Any surfaces contaminated with grease must be cleaned with a degreaser.

Porous surfaces

We would recommend that any porous surfaces be coated with 522 Acrylic Sealer prior to application of 523 Wall Coat FP.

1. Apply 522 Acrylic Sealer liberally to the cleaned surface using a short pile roller.
2. Leave to cure for a minimum of 2 hours at 20°C (68°F).

Mixing
This product is a single component material, however please ensure the following:

1. The material is at a temperature between 15-25°C (60-77F°).
2. The ambient & surface temperature is above 10°C (50F°).
3. The ambient & surface temperatures are not less than 3°C (6°F) above the dew point.

Once these 3 checks have been met, please proceed with mixing the product.

1. 523 Wall Coat FP is a single component material.
2. Agitate the product using an electric paddle mixer to ensure you have a consistent mix of acrylic emulsion.

Application
Brush or roller applications

1. Apply the 1st coat of material using a medium pile roller at a wet film thickness of 300 microns (12mil).
2. Allow the coated surface to cure for a minimum of 3 hours (20°C/68°F).
3. Apply the 2nd coat of material using medium pile roller at a wet film thickness of 300 microns (12mil).

Spray Applications

1. Spray application should be carried out by airless spray using a 30:1 ratio pump.
2. Spray pressure of 2000psi and a tip size of 15-21 thou should be used.
3. Apply the 1st coat of mixed product to all surfaces at 300 microns (12mil) wet film thickness.
4. Once the 1st coat of material has cured sufficiently, approximately 3 hours at 20°C (68F°), apply a 2nd coat of material to all surfaces at 300 microns (12mil) wet film thickness.

Coverage Rates
20ltrs (5.3 US gallon) of fully mixed product will give the following coverage rates –

66.6m² at 300 microns 715ft² at 12mil

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 (68°F) 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:

Touch Dry	1-2 hours
Minimum overcoating time	3-4 hours
Maximum overcoating time	Indefinite

Pack Sizes

This product is available in the following pack sizes –
20ltrs (5.3 US Gallon).

Colour

Single component – White

Over-coating times

Minimum - approximately 3-4 hours at (20°C (68°F).
Maximum – indefinite

Storage Life

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

Other Technical Documents

Safety Data Sheets	-	Single component material
Product Specification Sheet	-	Technical Performance Information

Health and Safety

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

Legal Notice: