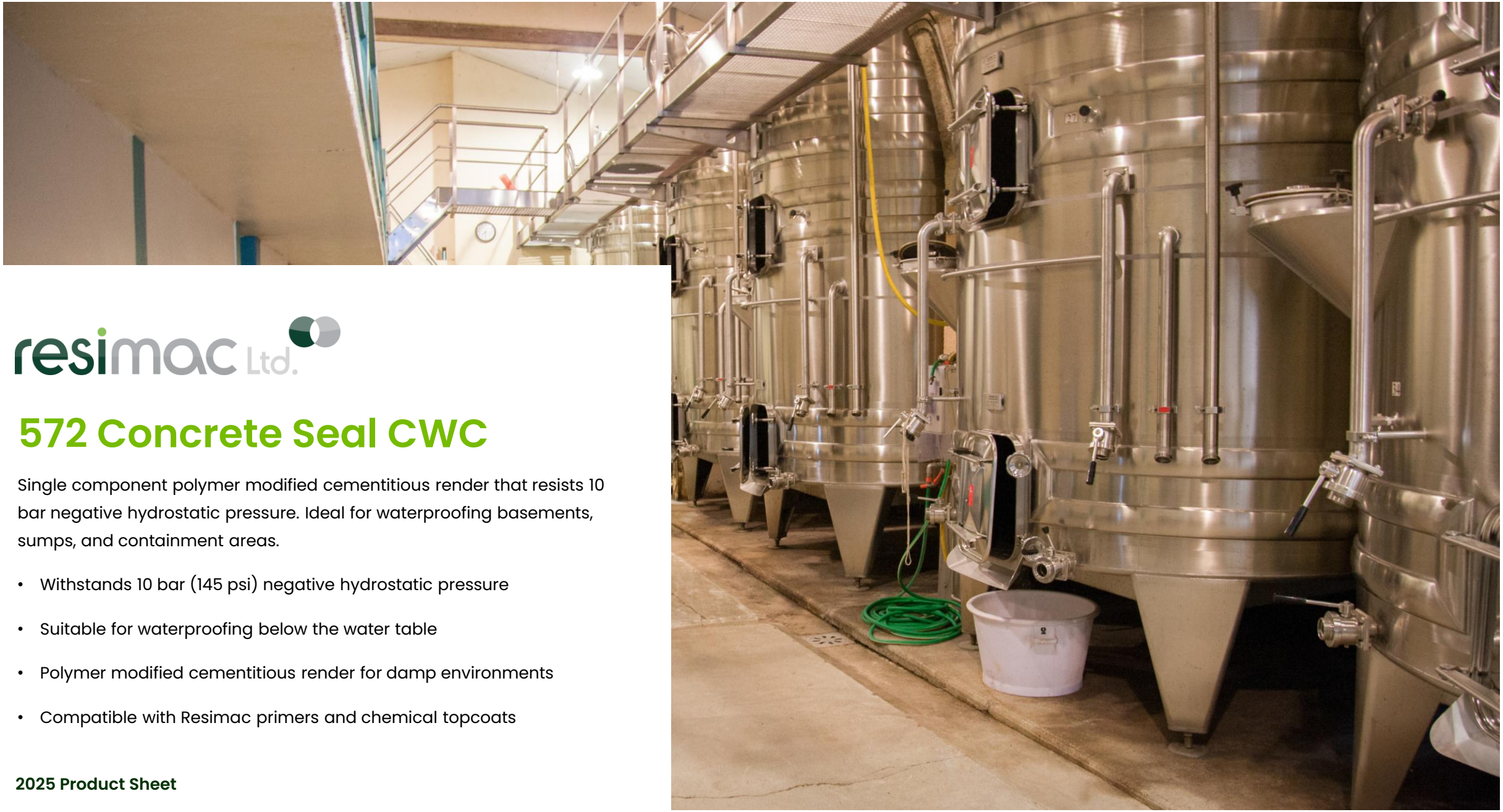

572 Concrete Seal CWC

Single component polymer modified cementitious render that resists 10 bar negative hydrostatic pressure. Ideal for waterproofing basements, sumps, and containment areas.

- Withstands 10 bar (145 psi) negative hydrostatic pressure
- Suitable for waterproofing below the water table
- Polymer modified cementitious render for damp environments
- Compatible with Resimac primers and chemical topcoats

2025 Product Sheet

Typical Applications

572 Concrete Seal CWC is a single component, polymer modified cement based coating developed to prevent moisture ingress and resist negative hydrostatic pressure. It uses advanced micro-silica, fibre, and polymer technology to form a dense, impermeable matrix that withstands up to 10 bar of water pressure. The material is supplied as a ready-to-use powder, mixed with water on-site to create a versatile slurry or render.

- Basements
- Sumps
- Internal walls
- Containment areas
- Concrete structures

Characteristics

Appearance

Single component — Dark grey

Solids Content

100%

Sag Resistance

Brush application - Nil at 3mm

Spray application – Nil at 6mm

Mixing Ratio

Brush application

25kg aggregate : 4.25kg water

Render/spray application

25kg aggregate : 2.5kg water

Mixed Density

Brush application	1.85
Render/spray application	1.83

Storage Life

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

Cure times

Usable Life		Min overcoating time		Max overcoating time		Full Cure	
10°C/50°F	35 mins	10°C/50°F	48 hours	10°C/50°F	Indefinite	10°C/50°F	7 days
20°C/68°F	30 mins	20°C/68°F	48 hours	20°C/68°F	Indefinite	20°C/68°F	7 days
30°C/86°F	20 mins	30°C/86°F	48 hours	30°C/86°F	Indefinite	30°C/86°F	7 days
40°C/104°F	15 mins	40°C/104°F	36 hours	40°C/104°F	Indefinite	40°C/104°F	7 days

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

Details & Legal

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

Pack Sizes
This product is available in the following pack sizes:
25kg (55lb)

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.

Coverage

Brush/ Thin film applications
25kg (55lb) and 4.25ltrs of water added volume yield 15.8ltrs of mixed product.

Render applications
25kg (55lb) and 2.5ltrs of water added volume yield 15ltrs of mixed product.

Spray applications
25kg (55lb) and 2.5ltrs water added 15ltrs yield of mixed product (volume of water can be adjusted dependant on thickness requirements).

Wet Film Thickness	Render Applications	Brush Applications
1mm (1/32″)	15m² (161ft²)	15.8m² (170ft²)
2mm (1/16″)	7.5m² (80ft²)	7.9m² (85ft²)
6mm	2.5m² (27ft²)	----

Application Guide

A. Surface Preparation

All surfaces:

1. Remove all loose material, dust, surface laitance, mould release agent and any other form of contamination.
2. Roughen smooth surfaces using a grinder.
3. Ensure substrate is free from water back pressure.
4. Thoroughly soak the substrate with clean water until fully saturated. Remove excess water.

B. Product Preparation

Prior to mixing, please ensure the following:

1. The water used to mix with the cement mortar powder must be at a temperature between 15-25°C (60-77°F).
2. The ambient & surface temperature is above 10°C (50°F).

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.

C. Mixing

Brush or thin film applications:

1. Pour 4.25 litres (1.1 US gallons) of clean water into mixing vessel.
2. Add the 25kg bag of 572 Concrete Seal CWC. Always add powder to water.
3. Mix until the product is consistent and streak free.

Render applications:

1. Pour 2.5litres (0.66 US GAL) of water into a mixing vessel.
2. Add the 25kg bag of 572 Concrete Seal CWC. Always add powder to water.
3. Mix until the product is consistent and streak free.

D. Application

Brush or thin film applications:

1. For the 1st coat of material apply the screed using a brush to a film thickness of 2-3mm (up to 1/8″).
2. Allow to cure for a minimum of 4-6 hours 20°C (68°F).
3. Apply a 2nd coat at 2-3mm (up to 1/8″) wet film thickness.
4. On floors the material can be applied at a maximum wet film thickness of 3mm (up to 1/8″) using a squeegee and then spiked rolled to remove any entrapped air.

Render applications:

1. Skim the render material across the surface using a trowel or float to fill any blowholes or minor defects.
2. Then apply the render material using a trowel or float to a maximum wet film thickness of 6mm (up to ¼″) over all surfaces.
3. The maximum wet film thickness that 572 Concrete Seal CWC can be applied as a render is 6mm (up to ¼″).

Quick Application Guide

Brush or thin film applications:

Step 1

Ensure you have:
1 x 25kg bag
1 x electric drill & paddle mixer
1 x spatula
1 x clean water & tub
1 x paint brush

Step 2

Pour 4.25 litres (1.1 US gallons) of clean water into mixing vessel.

Step 3

Add the 25kg bag of 572 Concrete Seal CWC. Always add powder to water. Mix until the product is consistent and streak free.

Step 4

For the 1st coat of material apply the screed using a brush to a film thickness of 2-3mm (up to 1/8”). Allow to cure for a minimum of 4-6 hours 20°C (68°F). Apply a 2nd coat at 2-3mm (up to 1/8”) wet film thickness.

Step 5

Make sure the first coat has dried before applying second coat if required.

Quick Application Guide

Render applications:

Step 1

Ensure you have:
1 x 25kg bag
1 x electric drill & paddle mixer
1 x spatula
1 x clean water & tub
1 x trowel
(or) x 1 float

Step 2

Pour 2.5litres (0.66 US GAL) of water into a mixing vessel.

Step 3

Add the 25kg bag of 572 Concrete Seal CWC. Always add powder to water. Mix until the product is consistent and streak free.

Step 4

Skim the render material across the surface using a trowel or float to fill any blowholes or minor defects. Then apply the render material using a trowel or float to a maximum wet film thickness of 6mm (up to ¼") over all surfaces.

Step 5

Make sure the first coat has dried before applying second coat if required.

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

Information & Enquiries

For more information and technical data please visit our website or contact us.

www.resimacsolutions.com

info@resimac.co.uk

+44 (0) 1845 577498

Resimac Ltd,
Unit B, Park Barn Estate,
Station Road,
Topcliffe,
Thirsk,
North Yorkshire,
Y07 3SE,
United kingdom