

Resichem 555 Resinox

Single component water based acrylic
UV stable, flexible, corrosion protection coating
Surface tolerant

Cure Times

At 20°C (68°F) the product will have the following cure times:

Touch dry	30 mins
Minimum overcoating	30 mins
Hard dry	24 hrs
Maximum overcoat	Indefinite

Colour

Single Component-
White or light grey (standard colours)
Various colours available on request

Over-coating times

Minimum - approximately 30mins at 20°C (68°F).
Maximum – indefinite

Technical specifications and characteristics

Mixing ratio	Single component
Density	1.25

Coverage Rates

20ltrs (5.3 US gallon) of fully mixed product will give the following coverage rates –
50m² at 400 microns
536ft² at 16mil

Typical applications

Suitable for coating the following surfaces -
Structural steel
External tank surfaces
Concrete structures

Surface Preparation

Metallic Substrates – Mechanical abrasion

1. All oil and grease must be removed from the surface using an appropriate cleaner such as MEK.
2. All surfaces must be mechanically abraded using handheld grinders to **ISO 8501/4 ST3 (SSPC SP3 ST3)**. Once abraded, the surface must be degreased and cleaned using MEK or similar type material.
4. All surfaces must be coated before gingering or oxidation occurs.

Metallic Substrates – Hydro-blasting

1. All surfaces must be hydro-blasted using clean water at 2,000psi + (130bar) to **NACE 5 (SSPC SP13 WJ3-WJ1)**.
2. All surfaces must be coated before gingering or oxidation occurs

Existing Concrete

1. If the concrete surface is contaminated, pressure wash using clean water.
2. Once the concrete is dry, mechanically abrade or scarify taking care not to expose the aggregate.
3. Clean all dust and debris from the surface and prime with Resichem 503 SPEP (low viscosity epoxy primer).

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 abrade the surface taking care not to expose the aggregate.
4. Clean all dust and debris from the surface and prime with Resichem 503 SPEP (low viscosity epoxy primer).

Mixing and Application

555 Resinox is a single Component water based Emulsion. Prior to application Agitate with an electric drill and Mixing paddle



Brush & Roller application

Apply the coating to the Prepared surface at a minimum Wet film thickness of 400 micron



Once the coating is touch dry, Approx 30 minutes at 20°C (68°F), apply a 2nd coat of Material at 400 microns Wet film thickness.



Spray application

Recommended spray set up -
- 30:1 minimum ratio pump.
- 15-21 Thou tip
- 2000+ psi spray pressure



Apply the coating to the Prepared surface at 400 microns wet film thickness. Once the coating is touch dry, Approx 30 minutes at 20°C (68°F), apply a 2nd coat of Material at 400 microns Wet film thickness.

