

Resichem 508 UVPU

- Solvent based polyurethane top coat
- UV stable
- Available in a wide range of colours

Cure Times

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

Usable life	30mins
Minimum overcoating	90mins
Maximum overcoating	36 hrs

Coverage Rates

The mixed product will give the following coverage rates -

5ltrs (1.3 US gallon) –
50m² at 100 microns
536ft² at 4mil

Colour

Base component – Various colours

Activator component – Clear

Over-coating times

Minimum - the material can be over-coated as soon as it is touch dry, approximately 90 minutes at (20°C (68°F)).

Maximum - the over-coating time should not exceed 36 hours.

Typical applications

UV stable top coat for the following surfaces-
External tank surfaces
Pipeline surfaces
Structural concrete
Structural steel

Technical specifications and characteristics

Mixing ratios	By weight	5.5 to 1
	By volume	4 to 1
Density	Base:	1.514
	Activator	1.035
	Mixed	1.418

Surface Preparation

The coating must be used as part of a Resimac corrosion protection system, 508 UVPU can be used as a UV stable top coat to surfaces primed with 506 Aluprime or 501 CRSG

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)**.
3. Once abraded, the surface must be degreased and cleaned using MEK or similar type material.
4. Prime the prepared metallic surface with Resichem 506 Aluprime (applied at 150 microns/ 6mil WFT) or Resichem 501 CRSG (applied at 250 microns/ 10mil WFT).

Existing Concrete

1. If the concrete surface is contaminated, pressure wash using clean water.
2. Once the concrete is dry, lightly abrasive blast or scarify taking care not to expose the aggregate.
3. Clean all dust and debris from the surface.
4. Prime the prepared surface with Resichem 503 SPEP (applied at 150 microns/ 6mil WFT) or Resichem 505 Damp Seal (applied at 150 microns/ 6mil WFT).

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.
5. Prime the prepared surface with Resichem 503 SPEP (applied at 150 microns WFT) or Resichem 505 Damp Seal (applied at 150 microns WFT).

Mixing and Application

STEP 1

Ensure you have 1 x base unit, 1 x activator unit, 1 x spatula and slow speed drill and paddle mixer



STEP 2

Pour the entire contents of the activator container into the base container.



STEP 3

Mix thoroughly, taking to care To ensure any unmixed base component is scraped down from the edges of the container using a spatula. Continue mixing until a streak free, uniform material is achieved.



STEP 4

Pour the mixed materials into A paint tray or paint kettle. Using a medium pile roller Apply the product to the Prepared surface at 100 microns WFT. Leave to Cure for a minimum 90 minutes At 20°C before applying a 2nd Coat at 100 microns WFT.

