Quick application guide

Resichem 512 UCEN 90 XL

- High build solvent-free epoxy novolac coating
- Applied by roller or standard airless spray
- Resists 98% sulphuric acid in immersion conditions

Cure Times

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

Usable life	45 mins
Minimum overcoating	8 hrs
Maximum overcoating	24 hrs
Water/ sea water immersion	4 days
Chemical immersion	7 days

Coverage Rates

The mixed product will give the following coverage rates -
4ltr (1.05 US gallon)–
8m² at 500 microns
85ft² at 20mil

16ltrs (4.2 US gallon)–
32m² at 500 microns
343ft² at 20mil

Colour

Base component –
Dark grey or Red
Activator component – Amber

Over-coating times

Minimum - the material can be over-coated as soon as it is touch dry, approximately 8 hours at (20°C (68°F).
Maximum - the over-coating time should not exceed 24 hours.

Typical applications

Pipelines
Internal & external tank surfaces
Chemical containment and bund areas
Structural Steel
Chemical intake areas
Process equipment
Sumps

Technical specifications and characteristics

Mixing ratios	By weight	4.35 to 1
	By volume	3.25 to 1
Density	Base:	1.41
	Activator	1.05
	Mixed	1.33

Surface Preparation

Metallic Substrates

1. All oil and grease must be removed use an appropriate cleaner such as MEK.
2. All surfaces must be abrasive blast cleaned to ***ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2)*** 75 micron (3mil) profile.
3. Use an angular abrasive.
4. Degrease and clean using MEK or similar type material.
5. All surfaces must be coated before gingering or oxidation occurs.

Existing Concrete

1. Contaminated surfaces must be pressure washed.
2. Once dry, lightly blast clean or scarify do not expose the aggregate.
3. Clean all dust and debris from the surface and prime with Resichem 503 SPEP (low viscosity epoxy primer).
4. Apply 503 SPEP primer at 150 microns (6mil) WFT.
5. Leave to cure for 3 hours (20°C/68°F) before overcoating.

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 and prime with Resichem 503 SPEP (low viscosity epoxy primer).
5. Apply 503 SPEP primer at 150 microns (6mil) WFT.
6. Leave to cure for 3 hours (20°C/68°F) before overcoating.

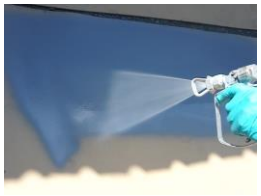
Mixing and Application

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
Apply to the correctly prepared Substrate at 500 Microns using airless spray unit, minimum pump size 60:1. Heated/ insulated lines are necessary to maintain a constant 30-35°C temp. Spray pressure 3600+psi Tip size 19-23 Thou.
Leave to cure for a minimum 8 hours at 20°C before applying A 2nd coat of material at 500 Microns WFT.



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