Quick application guide

209 EIP PU

- Solvent free high build polyurethane coating
- Ideal for protecting high impact areas
- Flexible chemical resistant finish

Cure Times

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

Usable life 25 minutes
Minimum overcoating time 6 hours
Maximum overcoating time 36 hours
Water/ sea water immersion 3 days
Chemical immersion 7 days

Coverage Rates

1ltr (0.3 US gallon) of fully mixed product will give the following coverage rates –

2.5m² at 400 microns
26.88ft² at 16mil

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

Colour

Mixed material –
Light grey or blue
Base component –
Light grey or blue
Activator component –
Amber liquid

Typical Application

Chutes
Hoppers
Pumps
Valves
Pipe work

Technical specifications and characteristics

Mixing ratios	By weight	3.25:1
	By volume	3:1

Surface Preparation

Metallic Substrates

1. All oil and grease must be removed from the surface using an appropriate cleaner such as MEK.
2. All surfaces must be abrasive blasted to ***ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2)*** minimum blast profile of 75 microns (3mil) using an angular abrasive.
3. Once blast cleaned, the surface must be degreased and cleaned using MEK or similar type material.

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 and prime with Resichem 503 SPEP (low viscosity epoxy primer).
4. Apply 503 SPEP at 150 microns (6mil) WFT, 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 at 150 microns (6mil) WFT, 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

STEP 2
Open the activator tin and pour Contents into the base unit and Start to mix the 2 components Together using the green Spatula provided.

STEP 3
Pay attention to the base and Sides of the container while Mixing. Once completed you must have a consistent light Grey mix.

STEP 4
Once you have finished mixing The 2 components together Check you have a streak free consistency

STEP 5
Using a 1-2” synthetic brush Apply the mixed product to the Prepared surface at 300-400 Microns wet film thickness. The coating must be applied as A 3 x coat system.

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