

PRODUCT CHARACTERISTICS

Innovative coating, which protects the substrate by priming and finishing all in one-coat.
Recommended for structural protection, pipe-work, especially pylons (suitable for aged and new galvanised substrates), jetties, columns, pillars, etc.
Low volatile content.
Low odour primer system with outstanding moisture and surface tolerance.
Excellent adhesion on inadequately prepared surfaces.
Easy to apply and cures even at low temperatures.
Outstanding UV resistance.

PRODUCT DESCRIPTION

Two pack epoxy primer finish.

PRODUCT INFORMATION

Colour:	Standard: grey (other colours available on request).
Solids content (w/w):	Approx 90%
Volume solid (v/v):	73%
Mix ratio:	Mix part A (resin RL 500PF) and part B (hardener HN 500) In proportionate weights as supplied.
Typical density:	2.0gms/cm ³
Typical thickness range:	100 - 200 microns per coat (DFT). 137 - 274 microns per coat (WFT)
Theoretical coverage:	7.3 - 3.65 m ² /ltr (Allow for application losses, surface irregularities, etc).
Pack sizes:	1ltr and 5ltrs (larger packs available on request).

APPLICATION DATA

Method:	Conventional/airless spray, brush or roller.
Thinner:	T5 (if required).
Cleaner:	S11A
Recoating interval:	Minimum: 5 - 6 hrs (touch-dry) Faster cure is available. Maximum: unlimited.
Pot life:	60 - 90 minutes (depending on temperature).
Cure:	24 - 72 hours (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack epoxy system consisting of base resin and hardener.
Conventional/airless spray:	Pump: (minimum 33:1 ratio). Tip size: 19 - 21 thou.
Roller/brush:	For inaccessible or awkward areas or when spray application is not required or feasible.

APPLICATION (cont'd)

Surface preparation for aged and new galvanised substrate.
(Network Rail Specification X099)

Aged/weathered galvanised:	Degrease with solvent, abrade with Scotchbrite pad followed by a final solvent wipe.
New galvanise:	Degrease with solvent, abrade with Scotchbrite pad, solvent rinse and treat with T-wash.

Surface preparation for existing weathered paintwork.
(Network Rail Protective Treatment XM9)

Wash and degrease:	Abrade of the existing sound paintwork. Spot blast-clean localised corrosion to surface standard SA 2½ (BS7079: Part A1). Lightly abrade sound alkyd paintwork.
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LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
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ENVIRONMENTAL CONDITIONS

Blasting or application should **NOT** be carried out when :-
Relative humidity is > 90%
Air temperature < 5°C
Substrate temperature < 3°C above dew point of surrounding air.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL (C.I.) to ensure that its products are handled and applied by professionally approved and skilled applicators. Application shall be carried out in accordance with instructions contained in this data sheet and referenced to C.I. TECHNICAL SPECIFICATION MANUAL. CHEMCO INTERNATIONAL management are intent on ensuring all work is carried out in accordance with company HEALTH & SAFETY procedures and all materials are handled with due care to COSHH regulations and instructions.

STORAGE

Store in cool, dry conditions (below 20°C). Keep away from direct heat source and sunlight. When not using the material always replace the lid on the container.

DISCLAIMER The information contained herein is to the best of our knowledge accurate and current and is given in good faith without warranty. Users are deemed to have satisfied themselves independently as to the suitability of our products for their particular purpose. In no event shall Chemco International be liable for consequent or incidental damages.



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