

PRODUCT CHARACTERISTICS

Provides a tough, impermeable barrier, suitable for steel and concrete surfaces.
Solvent-free, low odour system with outstanding moisture-tolerant properties.
Extremely good abrasion and chemical resistance properties.
User-friendly with high flexibility and ease of application.
Ideal for ballast tank coating and repairs, compatible with all existing ballast tank paint systems, including coal tar epoxies.
Suitable for a wide range of applications including tanks and vessel linings and structural coatings.

Approvals: -

- Lloyds:** - Salt water ballast tank.
FDA: - Use with fresh drinking water.
- Use in transporting and holding all non-alcoholic food.

PRODUCT DESCRIPTION

Two pack epoxy resin reinforced with screened glassflake.
Outstanding high gloss finish.

PRODUCT INFORMATION

Colour:	Standard light grey (other colours available on request).
Volume solids:	100%
Mix ratio:	Mix part A (resin RA 500M) and part B (hardener HF 500M) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	200 - 600 microns per coat.
Theoretical coverage:	3.1m ² /kg @ 250 microns. 1.5m ² /kg @ 500 microns. (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Maximum: 60°C (immersed).
Pack sizes:	5 and 20 kgs

APPLICATION DATA

Method:	Airless spray, roller, brush or trowel.
Thinner:	T5 if required (maximum 5%).
Cleaner:	S11A
Recoating interval:	Minimum: 4 - 6 hrs (touch dry). Maximum: Unlimited.
Pot life:	45 - 75 minutes. (depending on temperature).
Cure:	24 - 72 hrs (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack epoxy system consisting of base resin and hardener.
Airless spray:	Pump: Minimum 45:1 ratio (preferably 63:1) large volume delivery is essential. Tips: Reversible heavy duty. RA 564 (23 - 31 thou. Ideal 27 thou.) 60°angle. RA 532 (31 - 39 thou. Ideal 33 thou.) 60°angle.
Brush or roller:	For inaccessible or awkward areas or when spray application is not required or feasible.

SURFACE PREPARATION

Abrasive blast:	Min. SA 2
Water-jetting:	Min. WJ-2
Mechanical:	Min. ST3

LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
Airless spraying:	Suitable only for coatings reinforced with 0.4mm (RA 564) and 0.8mm (RA 532) screened glassflake particles.

ENVIRONMENTAL CONDITIONS

There is no humidity, dew point restrictions.

SAFETY PRECAUTIONS

It is the policy of CHEMCO INTERNATIONAL 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 CHEMCO INTERNATIONAL 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 (not less than 4°C or above 20°C).
Keep away from direct heat source and sunlight.
When not using the material, always replace the lid on the container.

SHELF LIFE

At least 24 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.
At temperatures above, refer to manufacturer for advice.

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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