

PRODUCT CHARACTERISTICS

Provides a tough impermeable barrier suitable for steel and concrete surfaces.
Excellent resistance to corrosion and abrasion, ideally suitable for tanks and vessel linings.
This system must be hot applied.
FDA approved for food contact application (especially suitable for wine and beer tanks).
Excellent high gloss finish providing good decontamination properties.

PRODUCT DESCRIPTION

Two pack epoxy system comprising base resin and hardener. This product can be supplied with or without glassflake reinforcement.
Gives a very smooth finish suitable for tank linings. However, if exposed to UV light, this product is **not colour stable**.

PRODUCT INFORMATION

Colour:	Standard blue (other colours available on request).
Volume solids:	100%
Mix ratio:	Mix part A (resin RB 500) and part B (hardener HB 500) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	250 - 750 microns per coat.
Theoretical coverage:	1.5m ² /kg @ 500 microns. (Allow for application losses, surface irregularities, etc).

APPLICATION DATA

Method:	Hot spray, dual component spray pumps, pre-heating with airless spray, roller, stiff brush or trowel.
Thinner:	No thinning agents to be added.
Cleaner:	S11
Recoating interval:	Minimum : 3 - 5 hrs (depending on temperature). Maximum : 6 - 12 hrs (before touch dry).
Pot life:	Minimum: 25 minutes.
Cure:	24 - 72 hrs (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack epoxy consisting of base resin and hardener.
Spray application:	Applicator should contact manufacturer for special instructions. Pump (minimum 45:1 ratio) with a fluid twist tip: - RB 564 (27 - 33 thou. Ideal 31 thou.)
Brush or roller:	For inaccessible or awkward areas, or when spray application is not required or feasible.

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 RB 564 and 0.8mm (RB 532) screened glassflake particles.

ENVIRONMENTAL CONDITIONS

Blasting or application should **NOT** be carried out when :-

- Relative humidity is > 85%
- 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.

SHELF LIFE

At least 24 months when stored in sealed containers at temperatures of 20°C or below. 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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