

PRODUCT CHARACTERISTICS

Provides a tough, impermeable barrier, suitable for steel and concrete surfaces.
Solvent-free, low odour system with outstanding moisture-tolerant properties.
Exhibit rapid cure characteristics even at low temperatures to prevent the formation of water spotting and amine blooming.
Easy to apply at low temperatures (especially by brush).
Suitable for a wide range of applications including tanks and vessel linings and structural coatings.

PRODUCT DESCRIPTION

Two pack epoxy resin reinforced with screened glassflake.
Outstanding high gloss finish that can be made to any colour.

PRODUCT INFORMATION

Colour:	Standard white (other colours available on request).
Volume solids:	100%
Mix ratio:	Mix part A (resin RI 500) and part B (hardener HM 500) 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).

APPLICATION DATA

Method:	Airless spray, roller, brush or trowel.
Thinner:	No thinning agents to be added.
Cleaner:	S11
Recoating interval:	Minimum: 4 - 6 hrs (touch dry). Faster cure also available. Maximum: unlimited.
Pot life:	30 - 60 minutes.
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) with a fluid twist tip: - RI 564 (23 - 31 thou. Ideal 27 thou.) RI 532 (31 - 39 thou. Ideal 33 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 (RI 564) and 0.8mm (RI 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.

Material is capable of being applied out-with normal environmental conditions (i.e. no restrictions for underwater applications and in particular circumstances when the substrate is moist, damp or wet).

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 12 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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