

PRODUCT CHARACTERISTICS

Solvent-free epoxy novolac imparts outstanding protection to metal and concrete substrates. Forms a durable barrier resistant to abrasion, erosion and thermal shock. Ideal tank lining system, specifically designed for the most aggressive combination of high temperature and chemical environments in immersed conditions. Available in hand/trowel grades for optimum protection from the most aggressive environments. Also available in spray grade to offer the customer a complete system's solution to hostile cyclic wet and dry chemical environments. Recommended for internal protection of tanks, vessels, separators, flue gas desulphurisation units, chimneys, pipes and equipment operating at high temperature. May be applied in one or more coat(s) to most substrates.

PRODUCT DESCRIPTION

Two pack epoxy novolac reinforced with screened glassflake.

PRODUCT INFORMATION

Colour:	Standard white (other colours at customers request).
Pack sizes:	1, 5 and 20kgs
Solids content:	100%
Mix ratio:	Mix part A (resin RW 500) and part B (hardener HW 500) in proportionate weights as supplied.
Mix density:	1.10 - 1.20g/ml
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	200 - 1,200 microns per coat.
Theoretical coverage:	3.1m ² /kgs @ 250 microns. 1.5m ² /kgs @ 500 microns. (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Immersed: 125°C Dry: 200°C Maximum: 220°C

APPLICATION DATA

Method:	Airless spray, roller, brush or trowel.
Thinner:	No thinning agents to be added.
Cleaner:	S11A
Recoating interval:	Minimum: 4 - 8 hrs (touch dry) @ 20°C Maximum: 24 hrs @ 20°C
Pot life:	45 mins @ 20°C
Cure:	36 hrs - 7 days (depending on temperature and other environmental conditions).

APPLICATION

Constituents: Two pack epoxy consisting of base resin and hardener.
Airless spray: Pump (minimum 45:1 ratio) with a fluid twist tip: -
RW 564 (23-31 thou. Ideal 27 thou.)
RW 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 (RW 564) and 0.8mm (RW 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 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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