

PRODUCT CHARACTERISTICS

Provides a tough, impermeable barrier suitable for steel and concrete surfaces. Solvent-free, low odour system with outstanding properties. Ideal tank lining system, specifically designed for the most aggressive combination of high temperatures (up to 210°C) and chemical environments in immersed conditions. Recommended for internal protection of tanks, vessels, separators, flue gas desulphurisation units, chimneys, pipes and equipment operating at high temperatures.

PRODUCT DESCRIPTION

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

PRODUCT INFORMATION

Colour:	Standard light green.
Volume solids:	100%
Mix ratio:	Mix part A (resin RD 900) and part B (hardener HD 900) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Pot life:	4 - 5 hrs @ 20°C
Touch dry:	12 - 16 hrs @ 20°C
Hard dry:	24 hrs
Full cure:	7 days @ 20°C *
Typical thickness range:	200 - 400µ per coat.
Theoretical coverage:	3m ² /kgs @ 250µ 1.9m ² /kgs @ 400µ (Allow for application losses, surface irregularities, etc).
Pack sizes:	5 and 20 kgs

* Full cure can also be achieved by post curing @ 100°C for 2h + 150°C for 1h + 200°C for 2h.

APPLICATION DATA

Method:	Brush or airless spray.
Thinner:	No thinning agents required.
Cleaner:	S11A
Induction time:	30 mins.
Recoating interval:	Min: 12 - 16 hrs (touch dry). Max: 48 hrs (prior to full cure).

APPLICATION

Constituents:	Two pack epoxy system consisting of base resin and hardener.
Airless spray:	Pump: Minimum 63:1 ratio with a fluid twist tip. Tip size: RD 964 (21 - 27 thou. Ideal 23 thou.) 60° angle. RD 932 (31 - 39 thou. Ideal 35 thou.) 60° angle.
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.
Airless spraying:	If gelling has started, do not apply. Suitable only for coatings reinforced with 0.4mm (RD 964) and 0.8mm (RD 932) screened glass flake particles.
Application should NOT be carried out when:	Relative humidity is > 85% Air temperature < 10°C Substrate temperature < 3°C above dew point of surrounding air.

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 12 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.
At other temperatures, 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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