

## **PRODUCT CHARACTERISTICS**

Forms a tough, impermeable barrier suitable for steel and concrete surfaces.  
Outstanding resistance to most chemical agents, particularly strong acids (including 98% sulphuric acid) alkalines, and many solvents.  
Solvent-free, low odour system forms a very hard and excellent gloss finish.  
Ideally suitable for tank and vessel linings in harsh chemical environments.

## **PRODUCT DESCRIPTION**

Epoxy resin with additions of hardener and reinforced with screened glassflake.  
Gives a nearly smooth finish that can be made to any colour.

## **PRODUCT INFORMATION**

Colour:	Standard grey (other colours available on request).
Volume solids:	100%
Mix ratio:	Mix part A (resin RF 500) and part B (hardener HG 500) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	250 - 400 microns per coat.
Theoretical coverage:	2.6m <sup>2</sup> /kg @ 300 microns. (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Maximum 80°C
Pack sizes:	5 and 20 kgs

## **APPLICATION DATA**

Method:	Airless spray, roller, brush or trowel.		
Thinner:	T5 if required (maximum 5%).		
Cleaner:	S11		
Recoating interval:	Minimum:	4 - 8 hrs	(depending on temperature).
	Maximum:	8 - 16 hrs	(before full cure).
Pot life:		30 - 60 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) with reversible heavy duty tips: - RF 564 (27 - 33 thou. Ideal 31 thou.) 60° angle. RF 532 (33 - 42 thou. Ideal 36 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. If gelling has started, do not apply.

Airless spraying: Suitable only for coatings reinforced with 0.4mm (RF 564) and 0.8mm (RF 532) screened glassflake particles.

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## 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.

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## 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.

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## 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.

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## 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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