

PRODUCT CHARACTERISTICS

High solids epoxy novolac coating, suitable for protecting structures from effects of high temperature and aggressive chemical environments.
The coating cures to form a durable barrier resistant to abrasion, erosion and thermal shock.
The system is user-friendly and cures without the requirement for heating.
May be applied in one or more coat(s) to most substrates.
Recommended for protecting flue stacks, chimneys, pipes and equipment operating at high temperatures.

PRODUCT DESCRIPTION

Two pack epoxy novolac reinforced with screened glassflake.

PRODUCT INFORMATION

Colour:	Standard grey (other colours at customers request).
Volume solids:	80%
Mix ratio:	Mix part A (resin RV 500) and part B (hardener HT 500) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	150 - 300µ per coat (Wet Film Thickness) 120 - 240µ per coat (Dry Film Thickness).
Theoretical coverage:	6.7 - 3.3m ² /ltrs (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Maximum 220°C
Pack sizes:	5 and 20 ltrs

APPLICATION DATA

Method:	Airless spray, brush and/or roller.		
Thinner:	T5 (if required).		
Cleaner:	S11A		
Recoating interval @20°C:	Min:	2 hrs	(touch dry).
	Max:	24 hrs	
Pot life:	2 hrs		
Cure:	36 hrs - 7 days (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, large volume delivery is essential.	
	Tip size:	(23 - 25 thou.) 60° angle, heavy duty reversible.	
Brush or roller:	For inaccessible or awkward areas or when spray application is not required or feasible.		

SURFACE PREPARATION

Abrasive blast:	Min: Sa 2½
Water-jetting	Min: WJ-1
Mechanical:	Min: St 3

LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
Uses:	Not suitable for immersed environments.

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 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 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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