

PRODUCT CHARACTERISTICS

Provides a tough impermeable barrier suitable for steel and concrete surfaces.
Excellent resistance to corrosion and chemical attack, ideally suitable for tanks and vessel linings.
Solvent-free, damp tolerant tank lining with FDA approval for alcoholic beverage (especially suitable as wine and beer tank lining).
Gloss finish providing good decontamination properties.
Resistant to regular pressure washing and cleaning solutions.

PRODUCT DESCRIPTION

Two pack epoxy system comprising base resin and hardener.
This product can be supplied with or without glassflake reinforcement.
Gives a very smooth finish for ease of decontamination.

PRODUCT INFORMATION

Colour:	Standard blue (other colours available on request).
Volume solids:	100%
Density:	Mixed: 1.34 ± 0.02
Mix ratio:	Mix part A (resin RB 500) and part B (hardener HB 500) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	250 - 750 microns per coat.
Theoretical coverage:	3m ² /kg @ 250 microns. (Allow for application losses, surface irregularities, etc).
Pack sizes:	5 and 20 kgs.

APPLICATION DATA

Method:	Airless spray, roller or brush.		
Thinner:	No thinning agents to be added.		
Cleaner:	S11A		
Recoating interval:	Min :	4 - 6 hrs	(depending on temperature).
	Max :	6 - 12 hrs	(before touch dry).
Pot life:	Min:	25 mins.	
Cure:		5 - 7 days	(depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack epoxy consisting of base resin and hardener.		
Mixing:	Part A (resin) and part B (hardener) are supplied in separate containers. Always mix part A prior to addition of part B . Part mixing is not recommended unless accurate scales are available.		
Airless Spray:	Pump:	Minimum 45:1 ratio with a fluid twist tip. (19 - 23 thou.) 60° angle, heavy duty reversible.	
	Tip size:	Use 3/8" (10mm) hose with 1/4" (6mm) whip end.	
Brush or roller:	For inaccessible or awkward areas or when spray application is not required or feasible.		

SURFACE PREPARATION

Remove weld spatter, smooth weld seams and remove sharp edges by rounding to minimum radius of 2mm.

Abrasive blast: Sa 2½
Surface profile: Minimum 75 microns.

LIMITATIONS

Pot life: Vigilant care and attention to pot life is required during application.
Airless spraying: If gelling has started, do not apply. Preferably keep the material at room temperature when airless spraying.

ENVIRONMENTAL CONDITIONS

Blasting or application should **NOT** be carried out when :-

Relative humidity is > 90%
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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