

Experimental Product

PRODUCT CHARACTERISTICS

Product designed to provide a solution to the phenomenon of corrosion under insulation.
Provides chemically resistant thermal insulating coating.
Chemically resistant to most process environments.
Ideal for use as an insulating coating for processing pipe-work, vessels and other equipment where thermal insulation is required:-

Thickness of Coating	Therma-cote™ RB 1000
5mm	150°C d j 70 - 80°C
10mm	150°C d j 50 - 60°C

Products can be directly applied to well prepared blasted steel.
For poorly prepared metal surfaces operating up to 150°C, the surface should be primed with 150 microns of RL 500PF
For UV and physical protection, Chem-thane™ top coat is recommended.
Surface and moisture tolerant.
Easy to apply.
Flame retardant.

PRODUCT DESCRIPTION

Two pack epoxy resin system.

PRODUCT INFORMATION

Colour:	Limited colour range.
Volume solids:	40% ± 1
Mix ratio:	Mix part A (resin RB 1000) and part B (hardener HB 1000) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Typical thickness range:	5 - 10mm
Theoretical coverage:	8.62ltr/m ² @ 5mm DFT (Allow for application losses, surface irregularities, etc).
Temperature resistance:	Maximum 150°C

APPLICATION DATA

Method:	Grades available for brush or spray.
Thinner:	Water (add maximum 10% for spray applications).
Cleaner:	Water.
Re-coating interval:	1 - 2 hrs (touch dry) @ 5 - 50°C 15-30 mins @ 70 - 150°C
Pot life:	2 - 3 hrs @ 20°C
Full cure:	24 - 72 hrs (depending on temperature and other environmental conditions).

APPLICATION

Application temperature range:	5°C - 150°C
Constituents:	Two pack epoxy system consisting of base resin and hardener.
Spray:	Airless or conventional (thin material with max 10% water).

LIMITATIONS

Maximum process temperature:	150°C
Pot life:	Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.
Airless spraying:	To be advised.

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°). Keep away from direct heat sources 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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