

PRODUCT CHARACTERISTICS

A two pack epoxy system which on curing forms an impermeable barrier with outstanding flexural properties, high resistance to tear propagation and very good crack bridging characteristics. Ideally suited for applications such as repairing cracks to new and old concrete, water-proof membranes, flexible inter layers, car park decks and for banded areas.
Solvent-free, low odour system, which is user-friendly.

PRODUCT DESCRIPTION

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

PRODUCT INFORMATION

Colour: Standard white (other colours available on request).
Volume solids: 100%
Mix ratio: Mix part A (resin (RG 500) and part B (hardener HJ 500) in proportionate weights as supplied.
Cure: Catalyst induced cross-linking polymerisation.
Typical thickness range: 250 - 5,000 microns per coat.
Theoretical coverage: 1.5m²/kg @ 500 microns.
(Allow for application losses, surface irregularities, etc).

Elongation properties:	% Elongation			
	-20°C	-10°C	0°C	20°C
	38	55	67	99

Tear propagation:	Resistance to further cracking (N.mm ⁻¹)			
	-20°C	-10°C	0°C	20°C
	39	31	27	15

APPLICATION DATA

Method: Airless spray, roller, brush or trowel.
Thinner: **No thinning agents to be added.**
Cleaner: S11
Pot life: Minimum 90 minutes @ 20°C
Touch dry: 24 hrs (dependent on environmental conditions).
Cure: 7 days (dependent on environmental conditions).

APPLICATION

Constituents: Two pack epoxy system consisting of base resin and hardener.
Airless spray: Pump (minimum 45:1 ratio) with a fluid twist tip: 19 - 27 thou. (Ideal 23 thou.)
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.

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 (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°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 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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