

PRODUCT CHARACTERISTICS

Extremely moisture tolerant system designed for use as a primer for wet or green concrete. Ideal for priming freshly laid concrete (no requirement for 28 days cure). This system offers improved adhesion of secondary coats and can be used as a sealant for concrete surfaces.

PRODUCT DESCRIPTION

Solvent-free two pack epoxy coating.

PRODUCT INFORMATION

Colour:	Clear (limited colours available on request).
Volume solids:	100%
Typical density:	1.1 ± 0.1
Mix ratio:	Mix parts A (resin RH 800) and part B (hardener HI 800) in proportionate weights as supplied. 5 kgs 20 kgs 3.12 12.48 1.88 7.52
Cure:	Catalyst induced cross-linking polymerisation.
Pot life:	50 minutes @ 20°C
Typical thickness range:	25 - 100 microns per coat.
Theoretical coverage:	16.3m ² /kg @ 50 microns. (Allow for application losses, surface irregularities, etc).
Pack sizes:	5 and 20 kgs.

APPLICATION DATA

Method:	Conventional/airless spray, brush or roller.
Thinner:	Water. (5 - 10%) Use when concrete is too dry and/or for ease of application by brush/roller.
Cleaner:	S11A
Recoating interval:	Min: 1 hr (touch dry). Max: Unlimited.
Cure:	24 - 72 hrs (depending on temperature and other environmental conditions).

APPLICATION

Constituents:	Two pack epoxy system 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.
Conventional/airless spray:	Pump: Minimum 33:1 ratio. Tip size: (15 - 17 thou.) heavy duty reversible.
Roller or brush:	Preferred method of application.

LIMITATIONS

Pot life:	Vigilant care and attention to pot life is required. Do not apply if gelling has started.
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ENVIRONMENTAL CONDITIONS

There are no humidity or dew point restrictions.
Minimum substrate/ambient temperature of 5°C is required for effective cure of the system.

SURFACE PREPARATION

Concrete must be dry enough to walk on (a few days old depending on temperature).
Wash with stiff brush or power wash with minimum 2500psi.
Old concrete surfaces are best to acid etch.
Environmentally friendly Chemco acid etch S80 can be utilised.
Ensure there are no contamination or salt present.

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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