

PRODUCT CHARACTERISTICS

A multi-purpose, low viscosity flooring product that is easy to use. When applied to a prepared surface, the coating forms a tough, hard wearing, high gloss finish with good colour stability. It is relatively fast curing even at low temperatures and high relative humidity with very good resistance to water spotting. Ideal for environments where resistance to heavy traffic and chemical spillage is required. Recommended for wastewater treatment and civil construction industries. Approved for use by UK Atomic Energy Authority.

PRODUCT DESCRIPTION

100% solid solvent-free two pack epoxy coating that is formulated with various fillers.

PRODUCT INFORMATION

Colour: Standard white, yellow, brown, red, grey, and black (other colours available on request).
 Volume solids: 100%
 Mix ratio: Mix part A (resin RG 800) part B (hardener HH 800) and part C (aggregate) in proportionate weights as supplied.

Pot life:		7°C 1 hr 20 mins	10°C 60 mins	20°C 35 mins
Drying time:	Tack free:	10 hrs	8 hrs	4 hrs
	Hard dry:	24 hrs	20 hrs	12 hrs
	Light traffic:	36 hrs	32 hrs	24 hrs

Full cure: Heavy traffic & chemical spillage: 7 days 5 days 3 days

Note: For flooring applications the recommended temperature is between 10 and 20°C. It is also recommended that application should preferably not proceed when temperature is less than 10°C

Typical thickness range: Theoretical coverage:	Coating	Self Levelling
	75 - 250 microns 4.0m ² /kg @ 200 microns	2.0 - 4.0mm 3.5kg/m ² approx

Allow for losses due to surface porosity, irregularities, etc.

APPLICATION DATA

Method (self-levelling): Trowel and spiked roller.
 Method (coating): Airless spray, hopper gun (for non-slip finish), brush, and roller.
 Thinner: **No thinning agents to be added.**
 Cleaner: S11

LIMITATIONS

Pot life: Vigilant care and attention to pot life is required during application. If gelling has started, do not apply.

Mixing: Part B should be added to container A and mixed prior to application. For self-levelling system also add part C (aggregate).
Mix thoroughly using a high torque mixer to achieve an even consistency.

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 (between 2 and 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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