

PRODUCT CHARACTERISTICS

A solvent-free versatile flooring system which can be applied on most substrates.
System can be modified for walls and ceilings.
Extremely flexible, hardwearing and chemically resistant.
Excellent hygienic and aesthetic characteristics providing an outstanding gloss finish.
System can be formulated for specialist applications, e.g. **anti-static, conductive coatings, non-skid** and **non-slip** finish.

PRODUCT DESCRIPTION

Blend of liquid epoxy resin and reactive diluents mixed with amine hardener and various fillers.

PRODUCT INFORMATION

Colour:	Standard white, yellow, brown, red, grey, black (other colours available on request).			
Volume solids:	100%			
Mix ratio:	Mix parts A (resin RA 800) part B (hardener HF 800) and C (aggregate) in proportionate weights as supplied.			
Pot life:	7°C	10°C	20°C	
	1 hr 15 mins	1 hr 20 mins	1 hr	
Drying time:	Tack free:	18 hrs	12 hrs	5 hrs
	Hard dry:	36 hrs	32 hrs	24 hrs
	Light traffic:	48 hrs	42 hrs	30 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:	<u>Coating</u>	<u>Self-Levelling</u>		
Theoretical coverage:	100 - 300 microns	2 - 4mm		
	4m ² /kg @ 200 microns	3.5kg/m ² approx.		
	(Allow for losses due to surface irregularities, accessibility difficulties, etc).			
Pack sizes:	5 and 20 kgs			

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.
Mixing:	If gelling has started, do not apply. 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 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 12 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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