

## PRODUCT CHARACTERISTICS

Heavy-duty epoxy mortar recommended for repairing all types of concrete, especially sealed, flaking, porous, aged, damaged and/or eroded concrete.  
Ideal for repairs, in circumstances, where concrete or masonry has been severely damaged.  
Deep craters, cracks, crevices and spalls can be filled in to any depth.  
May be used for edge repairs, stairs etc., and for forming ramps or making up differences in floor levels.  
Recommended for complete re-lining of vertical and horizontal surfaces e.g. tanks and bunded areas.  
Also available in fast cure/low temperature version RJ 800FC.

## PRODUCT DESCRIPTION

Two pack epoxy/acrylic base mortar.

## PRODUCT INFORMATION

Colour:	Standard brown (other colours available on request).
Pack sizes:	5 and 25kgs
Volume solids:	100%
Density:	1.88g/cm <sup>3</sup> @ 20°C
Mix ratio:	Mix part A (resin RJ 800CRS) and part B (hardener HK 800) in proportionate weights as supplied.
Curing process:	Cross-linking polymerisation.
Temperature resistance:	Up to 80°C

## APPLICATION DATA

Method:	Trowel, spatula, scraper or power float.	
Thinner:	<b>No thinning agents to be added.</b>	
Cleaner:	S11	
Pot life:	<u>RJ 800CRS</u>	<u>RJ 800FC</u>
	60 - 90 mins	15 - 30 mins
	(depending on quantity mixed @ 20°C)	
Touch dry:	5 - 6 hrs	45 - 120 mins
	(depending on thickness @ 20°C)	
Full cure:	24 - 72 hrs	
	(depending on thickness @ 20°C)	

## APPLICATION

Mixing: Mix components at ambient temperatures thoroughly to achieve an even consistency.  
Resin and hardener are supplied in pre-weighed quantities in a range of pack sizes suitable for the particular application. It is important therefore, that applicators use all of the materials as supplied when mixing to achieve a full cure. Part mixing is not recommended.

## 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.

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## 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.

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## 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.

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## 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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