

PRODUCT CHARACTERISTICS

Innovative water-base system offering outstanding protection and environmentally safe solutions for the repair and maintenance to concrete and masonry surfaces at a cost-competitive price.

Easy to apply, intrinsically safe and environmentally friendly with no harmful odours.

The product is fast setting and dries to form an extremely tough finish that will not crack.

The system may be supplied in two formats: -

- **RL 800CRS-LV: Self-levelling underlay** recommended for resurfacing unsealed, flaking, porous, aged, damaged and/or eroded concrete.
Ideal for filling in large cavities, cracks and heavy pitting in concrete and masonry.
Thickness limitation: 10mm
- **RL 800CRS-HV: Heavy-duty/water-based mortar** recommended for the complete re-lining of old tanks and bundled area(s) etc.
Dries to form a smooth surface and is ideal for patch repair.
Thickness limitation: 20mm

PRODUCT DESCRIPTION

Water-based modified polymer repair system.

PRODUCT INFORMATION

Colour:	Standard grey (others colours available on request).	
Hardener:	RL 800CRS-LV	RL800CRS-HV
Volume solids:	HL 800	Single pack.
Density:	88%	90%
Temperature resistance:	1.9g/cm ³	1.93g/cm ³ @ 20°C
Pack sizes:	Max 80°C	Max 80°C
	5 and 20 kgs	

APPLICATION DATA

Method:	RL 800CRS-LV:	Spiked roller and/or squeegee.
Thinner:	RL 800CRS-HV:	Trowel and/or spatula.
Cleaner:	No thinning agents to be added.	
Pot life:	Water.	
Touch dry:	RL 800CRS-LV	RL 800CRS-HV
Drying time:	(depending on thickness @ 15°C)	(depending on thickness @ 15°C)
	1 - 2 hrs	Unlimited.
	5 - 10 hrs	3 - 4 hrs
	(depending on thickness @ 5 - 10mm and temperature of 25°C)	
	24 - 72 hrs	24 - 72 hrs
	(depending on thickness @ 25°C)	

APPLICATION

Mixing:

RL 800CRS-LV:-

Mix components (part B aggregate) to part A (resin RL 800CRS) 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 full cure. Part mixing is **not** recommended.

RL 800CRS-HV:-

This product is supplied as a single pack system, therefore mixing is not required.

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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