

## PRODUCT CHARACTERISTICS

A high density, epoxy putty designed to fill cavities, cracks and heavy pittings.

**Cerpofix™ renewal compound is specifically formulated to rebuild all types of fluid flow equipment as well as for general-purpose rebuild/filling/repairs.**

The material cures rapidly to form an extremely tough machineable finish.

**Solvent-free**, low odour material which is easy to apply.

Recommended to be used in conjunction with RP 500 **Cerpofix™ Hi**-performance composite (topcoat) for a complete repair system.

Available in Tropical Grade (higher viscosity) RH 5000HV.

## PRODUCT DESCRIPTION

Two pack epoxy compound incorporating **Cerpofix™ high performance technology**.

## PRODUCT INFORMATION

Colour:	Standard grey.
Volume solids:	100%
Mix ratio:	Mix part A (resin RH 500) and part B (hardener HI 500) in proportionate weights as supplied.
Cure:	Catalyst induced cross-linking polymerisation.
Pot life @ 20°C:	30 mins
Touch dry:	1 hr *
Hard dry (machineable):	3 hrs
Full cure:	24 hrs
Temperature resistance:	Maximum 80°C
Typical density:	1.5 ± 0.02gms/cm <sup>3</sup>
Theoretical coverage:	1.5 kg/m <sup>2</sup> @ 1mm (Allow for application losses, surface irregularities, etc).
Pack sizes:	1 and 5 kgs.

\* Machining should be carried out as soon as possible or within 12 hours. Following full cure, material can damage machine tools.

## APPLICATION DATA

Method:	Trowel, spatula and brush.
Thinner:	<b>No thinning agents required.</b>
Cleaner:	S11 or S11A
Recoating interval:	Min: Touch dry. Max: 24 hrs.
Over-coating interval:	Can be over-coated when touch dry with any <b>solvent-free</b> system. Epoxy solvent-based systems should be applied after full cure.

## 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.

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## 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 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.

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## 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.

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## 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.

East Shawhead Industrial Estate  
Coatbridge ML5 4XD  
Scotland United Kingdom

Tel: +44 (0) 1236 606060

Fax: +44 (0) 1236 606070

Email: [sales@chemcoint.com](mailto:sales@chemcoint.com)

Web Site: [www.chemcoint.com](http://www.chemcoint.com)

