

## PRODUCT CHARACTERISTICS

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

**RE 900** 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 to form an extremely tough, high temperature resistance (up to 250°C) and machineable finish.

**RE 900** is 100% solvent-free and low odour material, which is easy to apply.

## PRODUCT DESCRIPTION

Two pack epoxy compound incorporating a high performance technology.

## PRODUCT INFORMATION

Colour:	Grey.
Volume solids:	100%
Mix ratio:	Mix part A (resin RE 900) and part B (hardener HE 900) in proportionate weights as supplied.
Cure:	20°C
Full cure:	7 days@ 25°C*
Pot life:	4 - 5 hrs
Touch dry:	12 - 16 hrs **
Hard dry (machineable):	24 hrs
Temperature resistance:	Maximum 250°C
Pack sizes:	1 and 5 kgs

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Full cure can also be achieved by post curing @ 100°C for 2h + 150°C for 1h + 200°C for 2h.

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Machining should be carried out as soon as possible or within 48 hours (prior to full cure).

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 solvent-free 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 <b>NOT</b> recommended.
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## ENVIRONMENTAL CONDITIONS

Blasting or application should **NOT** be carried out when: -

Relative humidity is > 85%  
Air temperature < 10°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 12 months when stored in sealed containers at temperatures of not less than 4°C or above 20°C.  
At other temperatures, 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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