



302 EPOXY REPAIR CEMENT

- Two components
- Solvent free Epoxy
- 3 to 1 mixing ratio
- Good chemical resistance
- Excellent impact resistance
- Minimal surface preparation

DESCRIPTION

Resimetal - 302 Epoxy Repair Cement is a high performance, two pack, solvent free epoxy repair system for use on metallic surfaces. Resimetal 302 Epoxy Repair Cement is ideal for applications where only minimal surface preparation can be carried out and is usually used in conjunction with Resimetal 301 Epoxy Repair Resin and Hardener.

SURFACE PREPARATION

The following surface preparation guidelines must be followed for optimum performance

- All Oil and Grease removed using a suitable Resimetal cleaner
- Use a cleaner which does not leave a residue such as Methyl Ethyl Ketone
- All loose material, rust & coatings must be removed using either a wire brush, mechanical grinder or by abrasive blasting
- Abrasive blasting minimum surface preparation level of Swedish standard SA 2.5, angled grit, minimum 75 micron profile
- Ensure all blasted surfaces are de-greased using a suitable Resimetal cleaner
- All surfaces must be coated before any oxidation takes place

PLEASE NOTE: The better the surface preparation the longer lasting the repair. Wire brush surface preparation should only be used for emergency repairs or when suitable mechanical equipment is not available.



MIXING AND APPLICATION

Resimetal - 302 Epoxy Repair Cement is a two component system which must be mixed together prior to application.

- Mix 1 part base with 1 part activator on the board provided
- Ensure the mix is streak free prior to application
- Apply the mixed material to the prepared surface using the spatula or applicator tool provided
- Ensure that the mixed material is pressed into any holes or cracks

PLEASE NOTE: For more information on using Resimetal 302 Epoxy Repair Cement please refer to the Resimetal marine or industrial repair kit manuals.

TECHNICAL DATA

Resimetal - DRYING AND CURING TIMES (AT 20C)	
Usable life	25mins
Touch dry	60 mins
Hard dry	16 hrs
Overcoating time	120 mins
Max overcoating	24 hrs
Full cure	3 days
Volume solids	100%
VOC	0
Resimetal Mixing Ratios	
Base 1 Activator 1 by volume	
Base 1 Activator 1 by weight	
Physical Performance	
Tensile Shear Adhesion	129kg/cm ² (900psi)
ASTM D1002	
Flexural Strength	298kg/cm ² (3000psi)
ASTM D790	
Hardness Rockwell	100
ASTM D785	



Health and Safety

- Please ensure good practice is observed at all times during the mixing and application of this product.
- Protective gloves must be worn during the mixing and application of this product.
- Before mixing and applying the material please ensure you have read the fully detailed Material Safety Data Sheet.

Please speak to the Resimetal Technical Centre if you require further technical information or clarification.

LEGAL NOTICE

The data contained within this Technical Data Sheet is furnished for information only and is believed to be reliable at the time of issue. We cannot assume responsibility for results obtained by others over whose methods we have no control. It is the responsibility of the customer to determine the products suitability for use. Resimetal accepts no liability arising out of the use of this information or the product described herein.

Resimac Ltd.

Knarborough Technology Park
Manse Lane
Knarborough
HG5 8LF
North Yorkshire
United Kingdom



Office Tel: + 44 1765 677757
Office Fax: + 44 1765 677757
Email: info@resimac.co.uk
Website: www.resimac.co.uk