

## METAL REPAIR Compound

Solvent free, epoxy putty containing non-rusting metallic fillers

### Product Overview

ROCOL<sup>®</sup> METAL REPAIR Compound is an epoxy putty containing non-rusting metallic fillers for use as a solvent free repair compound throughout industry.

ROCOL METAL REPAIR Compound is a permanent repair compound which bonds to a wide range of substrates, including dissimilar metals, and is ideal for filling cracks, holes etc.

ROCOL METAL REPAIR Compound will adhere to wet or damp surfaces and is ideal for resisting water, oil, fuels and solvents.

### Typical Applications

ROCOL METAL REPAIR Compound bonds to a wide range of substrates including aluminium, brass, chrome, copper, iron, steel and stainless steel.

ROCOL METAL REPAIR Compound can be used to repair castings, valve and pump components, shafts, keyways, bearings, pipes, flanges, tanks, housings or any cracked, broken or worn equipment.

### Features and Benefits

- ROCOL METAL REPAIR Compound has a wide temperature range from -40°C to +176°C.
- It is simple and convenient to use and adheres to most materials.
- ROCOL METAL REPAIR Compound is resistant to water, oil, fuels and solvents.
- ROCOL METAL REPAIR Compound holds in 4 mins, is usable after 30 mins, with a full cure after 16 hours.

### Directions for Storage and Use

- Surfaces should be clean and free from oil, grease, dust and dirt. Adhesion will be improved if the surface is roughened.
- Wear lightweight disposable gloves. Break or cut off the required amount. Use at least ¼ of the stick for best results.
- Twist and knead until a uniform consistency and colour is achieved. Some heat may be felt.
- Do not exceed two minutes when kneading and then immediately apply to the substrates working it in to the cracks or holes to be filled.
- Remove excess material before it hardens. This can be done with a tool wetted with clean water.
- On wet or damp surfaces the compound should be worked forcefully into the application area and held in place until adhesion begins. The compound should not be held in place by hand as heat is generated during the curing process.
- The compound will begin to set after 4-6 minutes.
- Usable strength is achieved after 30 mins and the compound can be drilled, sanded, tapped, threaded, filed or painted after a full 24 hour cure.
- The storage temperature should be controlled between +8°C and +28°C.
- Shelf life is 1 years from date of manufacture.

### Pack Sizes

Pack Size	Part Code
56g	64012

## METAL REPAIR Compound

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Property	Test Method	Result
Appearance	Visual	Grey putty
Base Type	N/A	Epoxy resin
Solids	N/A	Non-rusting metallic fillers
Temperature Range	N/A	-40°C to +176°C
Density	N/A	1.9g/cm <sup>3</sup>
Initial Set	N/A	4-6 minutes
Usable Strength	N/A	30 mins at 22°C
Full Cure	N/A	16 hours
Permanent Strength	N/A	Up to 3500psi (23 MPa)
Electrical Conductivity	N/A	None

Values quoted above are typical and do not constitute a specification.

### Safety Data Sheets

Safety data sheets are available for download from our website [www.rocol.com](http://www.rocol.com) or may be obtained from your usual ROCOL contact.

The information in this publication is based on our experience and reports from customers. There are many factors outside our control or knowledge which affect the use and performance of our products, for which reason it is given without responsibility.

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