

PRODUCT DESCRIPTION

REPCO 1103 ER Stick is a two component repair material in stick form which cures rapidly at room temperature after mixing. This metal repair adhesive develops high mechanical strength in a short period of time.

TYPICAL APPLICATIONS

Suitable for emergency applications or where time is short and a quick turnaround is required. Typically used to repair cracked or holed pipework, tanks or casing. Can be used in conjunction with other Repco materials to provide long term repairs.

SURFACE PREPARATION

METALLIC SUBSTRATES

All oil, grease and other contaminants must be removed from the surface using a suitable cleaner/degreaser such as MEK. If possible mechanically abrade the substrate using hand held grinders to ISO 8501/4 ST3 (SSPC SP3 ST3). Where this is not possible hand tools can be used such as files, wire brushes and coarse sand paper.

MIXING AND APPLICATION

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1. Prior to mixing ensure the ambient & surface temperature is above 5°C (41°F).
2. The product is supplied in stick form and therefore the base and activator component are premeasured.
3. Simply break off the required amount of material from the stick and using gloved hands knead the product until the black and grey components become a consistent mid grey.
4. The product once fully mixed has a usable life of 3-5mins at 20°C (68°F).
5. Once a consistent mix has been achieved apply the material by pressing the putty onto the prepared surface, and hold in place until the product has solidified. The use of a suitable rubber tourniquet can be used to hold the material in place on holed or cracked pipework, until sufficient cure has been achieved.

CURE TIMES

At 20°C (68°F) the applied materials should be allowed to harden for the times indicated below.

Usable life	5 minutes
Machining and or light loading	30 minutes
Full Cure	1 Hour

OVERCOATING TIMES

Minimum - the material can be over coated as soon as it is touch dry.

Maximum – Over coating should not exceed 1 hour.

UNIT SIZES

Product is available in the following pack size – 125gm stick

COLOUR

Mixed material	Mid Grey
Base component	Dark Grey
Activator component	Light Grey

STORAGE LIFE

The shelf life of the product is typically 5 years if unopened and stored in cool dry conditions (15-30°C/ 60-86°F).

TECHNICAL DATA

Please see the REPCO 1103 ER Stick Product Specification Sheet for detailed technical and performance data.

HEALTH AND SAFETY

Please refer to the product safety data sheet for detailed information on handling, storage, shipping and disposal.

TECHNICAL SUPPORT

Zoom Corrosion Technology offer complete technical support and assistance, from discussing application requirements to training approved local contractors. For further information please contact a REPCO representative or your nearest REPCO authorised dealer.