

107 Metal Repair Paste XL

107 Metal Repair Paste XL is a two component solvent free epoxy metal repair compound with an extended usable life for hotter climates. The product has been designed for use on a wide range of metallic surfaces and once cured is readily machinable.

The product is suitable for repairs to equipment such as worn or damaged pump shafts, cracked pump or valve casings, scored hydraulic rams, worn bearing housings, damaged flanges, leaking tank seams and cracked engine blocks.



Main characteristics -

- Two component
- Solvent free epoxy
- 3:2 mixing ratio by volume
- Usable life 60 minutes (20°C)
- Touch dry 4 hours (20°C)
- Machinable 12 hours (20°C)
- 87 Rockwell R Hardness (Once fully cured)
- Applied by spatula or applicator tool
- Available in 4kg pack sizes

Mechanical Properties –

Adhesion

Tensile Shear to ASTM D1002 180kg/cm² (2550psi)

Compressive strength

Tested to ASTM D 695 839kg/ cm² (11,900psi)

Corrosion Resistance

Tested to ASTM B117 Minimum 5000 hours

Flexural Strength

Tested to ASTM D790 585kg/cm² (8300psi)

Heat Resistance

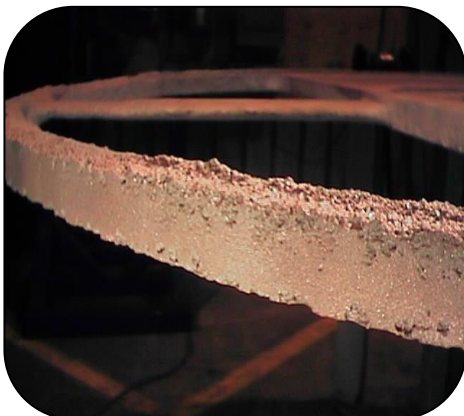
Suitable for water immersion up to 70°C and intermittent contact with steam up to 120°. Dry heat resistance up to 150°C.



95°C evaporator surface filled using 107 Metal Repair Paste XL prior to the application of 561 Thermal Barrier



Turbine cover repaired using 107 Metal Repair Paste XL (Egypt)



Reforming of worn and damaged metal components using 107 Metal Repair Paste XL (Italy)

