

## 106 Metal Repair Paste XF

106 Metal Repair Paste XF is a two component fast curing solvent free epoxy repair paste. The product has been designed for use on a wide range of metallic surfaces and is tolerant of less than ideal surface preparation.

The material can be used to make emergency repairs to worn surfaces, damaged pump shafts, cracked pump or valve casings, damaged flanges, leaking tank seams and cracked engine blocks.



### Main characteristics -

- Two component
- Solvent free epoxy
- 1:1 mixing ratio by volume
- Usable life 5 minutes (20°C)
- Touch dry 25 minutes (20°C)
- Full Cure 45 minutes (20°C)
- 80 Rockwell R Hardness (Once fully cured)
- Applied by spatula or applicator tool
- Available in 500gm pack sizes

### Mechanical Properties –

#### Adhesion

Tensile Shear to ASTM D1002      185kg/cm<sup>2</sup>      (2630psi)

#### Compressive strength

Tested to ASTM D 695      185kg/ cm<sup>2</sup>      (2630psi)

#### Lap Shear

Tested to ISO 4587      240kg/ cm<sup>2</sup>      (3400psi)

#### Peel Strength

Tested to ISO 4578      5N/mm<sup>2</sup>      (725psi)

#### Heat Resistance

Suitable for water immersion up to 60°C and intermittent contact with steam up to 100°. Dry heat resistance up to 110°C.



Holed ship hull repaired in sub-zero temperatures using 106 Metal Repair Paste XF and a formed steel plate

Corroded gas tank holder repaired using 106 Metal Repair Paste XF

