

202 Ceramic Repair Fluid

202 Ceramic Repair Fluid is a two component solvent free epoxy metal repair Fluid. The product has been designed for use on a wide range of metallic surfaces subject to abrasion and impact.

The product is suitable for emergency repairs or part of planned maintenance to equipment such as worn impellers, damaged valves, eroded separator housings, damaged pump casings, eroded pipe work, propellers, bow thrusters, rudders, corroded water boxes and eroded end plates and tube sheets.



Main characteristics -

- Two component
- Solvent free epoxy
- Usable life 25 minutes (20°C)
- Touch dry 90 mins (20°C)
- Full cure 2 days (20°C)
- 100 Rockwell R Hardness (Once fully cured)
- Applied by brush or applicator tool
- Available in 1kg, 3kg, 27kg pack sizes

Mechanical Properties –

Adhesion

Tensile Shear to ASTM D1002 202kg/cm² (2875psi)

Compressive strength

Tested to ASTM D 695 960kg/ cm² (13,650psi)

Corrosion Resistance

Tested to ASTM B117 Minimum 5000 hours

Flexural Strength

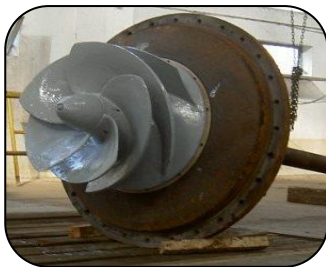
Tested to ASTM D790 635kg/cm² (9000psi)

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.



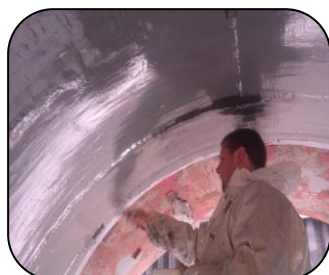
Water pump impeller



Turbine blades protected using 202 Ceramic Repair Fluid



Bow thruster tunnel resurfaced



Process equipment abrasive blast cleaned and resurfaced using 202 Ceramic Repair Fluid



Condenser tube sheet resurfaced

