resimac Ltd.

Repair Protect Upgrade

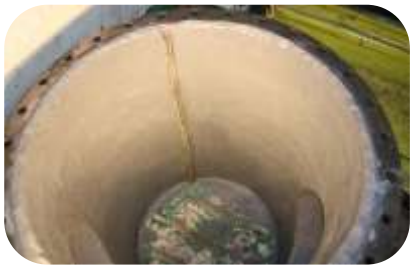
202 Ceramic Repair Fluid

is a two component solvent free epoxy repair fluid containing hardened ceramic particles. The product is ideal for resurfacing and protecting metallic surfaces subject to severe abrasion, wear and impact.

- **Solvent free epoxy technology**
- **Apply by brush up to 400 microns per coat**
- **Suitable for metallic surfaces**
- **No shrinkage**
- **Excellent chemical resistance**
- **Superior adhesion to metallic surfaces**
- **Enhanced wear & abrasion resistance**
- **Ideal for high particulate fluids and slurries**

External surface of a vessel was badly corroded due to the design of the hull. Structural loss was measured at 3-5mm in certain areas. The hull was filled with 101 Metal Repair Paste and then over coated with 202 Ceramic Repair Fluid.

Impeller for a large water pump has become badly eroded and required resurfacing. The impeller was abrasive blast cleaned and 2 x coats of 202 Ceramic Repair Fluid applied to the surface



Sea water filter was in need of urgent repair. The internal surfaces were abrasive blast cleaned and lined with 2 coats of 202 Ceramic Repair Fluid. The coating was then post cured at 50C for 6 hrs to ensure the filter was back in operation within 24 hrs.

The product can be used to rebuild damaged or worn surfaces on equipment such as -

- **Pump housings**
- **Worn impellers**
- **Tube sheets, end plates and water boxes**
- **Internal pipe surfaces**
- **Separator housings**
- **Bow thruster tunnels**
- **Cyclones**
- **Centrifuges**
- **Process vessels**

Process vessel required rebuilding and resurfacing. Internal substrates were mechanically abraded and relined using 202 Ceramic Repair Fluid

Impeller from a sea water pump was badly eroded. The pump was obsolete and no spare parts were available. The surface of the impeller was rebuilt using 301 Epoxy Resin with glass fillers and then machined to a smooth finish. Once cured 2 coats of 202 Ceramic Repair Fluid was applied to all of the impeller to complete the repair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