

202 Ceramic Repair Fluid

Solvent free epoxy repair fluid
High abrasion and wear resistance
Filled with hardened ceramic fillers

Cure Times

At 20°C (68F°) the product will have the following cure times –

Usable Life	30mins
Touch dry	3 hours
Full loading	1.5 days
Immersion	2 days

Coverage Rates

1kg (2.2lb) of fully mixed product will give the following coverage rates –

1.784m ² at 250microns	17.5ft ² at 10mil
1.485m ² at 300 microns	16ft ² at 12mil
1.271m ² at 350 microns	13.55ft ² at 14mil

Surface Preparation

All oil and grease must be removed from the surface of the repair

The surface should be abrasive blasted to **ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2)** and a minimum blast profile of 75 microns (3mil) using an angular abrasive.

Where abrasive blast cleaning is not possible) the surface should be roughened by using and MBX bristle blaster.

Due to the operating environments this material will be applied abrasive blast cleaning and MBX bristle blasters are the only recommended method of surface preparation.

Over-coating times

Minimum - as soon as it is touch dry.

Maximum - the over-coating time should not exceed 3 hours.

Colour

Mixed material –

Dark Grey/ Light Grey/ Blue

Base component –

Dark Grey/ Light Grey/ Blue

Activator component –

Amber liquid

Typical Applications

Eroded pump casings

Damaged impellers

Corroded tube sheets & End plats

Bow thrusters

Separator housings

Water boxes

Internal pipe surfaces

Technical specifications and characteristics

Mixing ratios	By weight	8:1
	By volume	3:1
Volume capacity	Metric	446cc/kg
	Imperial	27.21cu in/2.2lb

Mixing and Application

STEP 1

Ensure you have 1 x base unit, 1 x activator unit, 1 x spatula, 1 x brush with the bristles cut To 25mm length



STEP 2

Open the activator tin and pour Contents into the base unit



STEP 3

Mix the two components using the spatula provided, ensure any unmixed material around the edges is mixed



STEP 4

To ensure the product is fully mixed check the material for any colour difference. The mixed material should be a consistent mix



STEP 5

Once the material is fully mixed use a short bristled brush to apply the coating to the repair surface

