

## 201 Ceramic Repair Paste

Solvent free epoxy repair paste  
High build capability 25mm without slumping  
Contains hardened ceramic fillers

### Cure Times

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

<b>Usable Life</b>	30mins
<b>Touch dry</b>	1.5 hours
<b>Full loading</b>	2 days
<b>Full cure</b>	3 days

### Coverage Rates

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

0.406m <sup>2</sup> at 1mm	4.3ft <sup>2</sup> at 40mil
0.203m <sup>2</sup> at 2mm	2.2ft <sup>2</sup> at 80mil
0.135m <sup>2</sup> at 3mm	1.45ft <sup>2</sup> at 1/8"

### 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.

### Colour

Mixed material - Dark Grey  
Base component – dark grey  
Activator component –light grey

### Over-coating times

**Minimum** - as soon as it is touch dry.

**Maximum** - the over-coating time should not exceed 2 hours.

### 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

<b>Mixing ratios</b>	By weight	5:1
	By volume	3:1
<b>Volume capacity</b>	Metric	406cc/kg
	Imperial	24.5cu in/2.2lb

### Compatible Coating Systems

Once 201 Ceramic Repair Paste is touch dry the surface can be over coated using the following Resimac products –  
**202 Ceramic Repair Fluid**  
**203 Super Flow**  
**205 HT Ceramic Fluid**  
**206 HTA Ceramic Fluid**  
**209 EIP PU**

### Mixing and Application

#### STEP 1

Ensure you have 1 x base unit, 1 x activator unit, 1 x spatula, 1 applicator, 1 x clean mixing area.



#### STEP 2

Take equal 3 equal measures of base material, clean the spatula, then take 1 measure of the activator.



#### 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 create a diamond pattern on the surface and look for any areas which are not mid grey in colour.



#### STEP 5

Once the material is fully mixed use the applicator tool provided to apply the metal repair paste to the surface.

