

## 205 Ceramic HT Fluid

- Solvent free epoxy repair fluid
- High abrasion & wear resistant coating
- Suitable for immersion up to 130°C

### Cure Times

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

**Usable Life** 35mins

**Minimum overcoat**  
4 hours

**Maximum overcoat**  
24 hours

**Full cure** 3 days

### Coverage Rates

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

0.918m<sup>2</sup> at 500 microns

9.86ft<sup>2</sup> at 20mil

0.688m<sup>2</sup> at 750 microns

7.41ft<sup>2</sup> at 30mil

*Please note that the coverage rates quoted are theoretical and do not take into consideration the profile or condition of the surface being repaired.*

### Colour

**Mixed material –**

Light Grey/ Dark Grey

**Base component –**

Light Grey/ Dark Grey

**Activator component –**

Amber liquid

### Typical Application

Condensate pumps

Distillation units

Return tanks

Calorifiers

Evaporators

Heat exchangers

Scrubber units

### Technical specifications and characteristics

**Mixing ratios** By weight 10:1  
By volume 4:1

**Volume capacity** 459cc/kg

### Surface Preparation

**Metallic Substrates – Abrasive blast cleaning**

1. All oil and grease must be removed from the surface using an appropriate cleaner such as MEK.
2. All surfaces must be abrasive blasted to **ISO 8501/4 Standard SA2.5 (SSPC SP10/ NACE 2)** minimum blast profile of 75 microns (3mil) using an angular abrasive.
3. Once blast cleaned, the surface must be degreased and cleaned using MEK or similar type material.
4. All surfaces must be coated before gingering or oxidation occurs.

*PLEASE NOTE: For salt contaminated surfaces the substrate must be pressure washed with clean water and checked for salt contamination, please refer to the surface preparation and pre-application guide for further information.*

### Over-coating times

Minimum - the applied material can be over-coated as soon as it is touch dry.

Maximum - the over-coating time should not exceed 24 hours at 20°C (68F°).

Where the maximum over-coating time is exceeded, the material should be allowed to harden before being abraded or flash blasted

### 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

