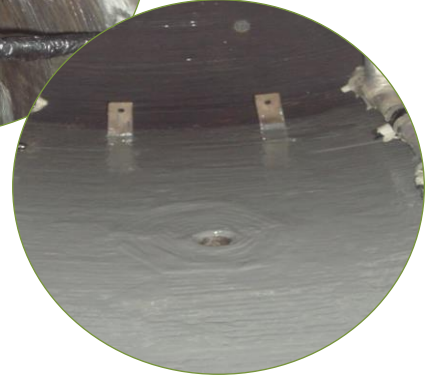


## 206 Ceramic HTA Fluid

206 Ceramic HTA Fluid is a two component solvent free epoxy novalac coating designed for high temperature immersion conditions. The product once cured can withstand continuous immersion conditions up to 110°C and is capable of withstanding chemical attack from many industrial chemicals. The material has been specifically designed to withstand immersion conditions in strong acids at elevated temperatures. The product is ideal for resurfacing and protecting metallic surfaces on equipment such as pumps, acid treatment vessels, process vessels, tube sheets, scrubber units, extraction fans, chimneys etc.



### Main characteristics -

- Two component
- Solvent free epoxy novalac
- Usable life 35 minutes (20°C)
- Touch dry 2 hours (20°C)
- Full cure 6 days (20°C)
- 89 Rockwell R Hardness (Once fully cured)
- Applied by brush or applicator tool
- Available in 1kg, 3kg pack sizes

### Mechanical Properties –

#### Adhesion

Tensile Shear to ASTM D1002      204kg/cm<sup>2</sup>      (2895psi)

#### Compressive strength

Tested to ASTM D 695      1045kg/ cm<sup>2</sup>      (14,840psi)

#### Corrosion Resistance

Tested to ASTM B117      Minimum 5000 hours

#### Flexural Strength

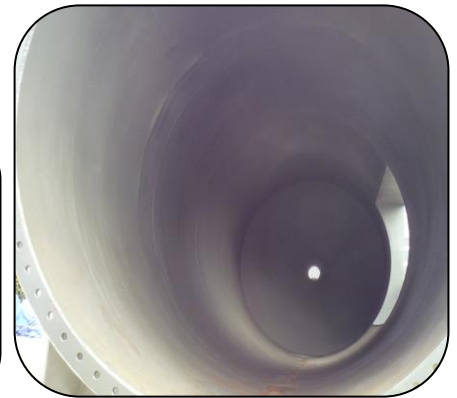
Tested to ASTM D790      544kg/cm<sup>2</sup>      (7725psi)

#### Heat Resistance

Suitable for water immersion up to 130°C and intermittent contact with steam up to 150°. Dry heat resistance up to 240°C.



Tube sheet resurfaced using 206 Ceramic HTA Fluid



Paper plant chimney operating at 100°C with traces of sulphuric acid coated with 206 Ceramic HTA Fluid