



High Temperature Protection

Polymeric Engineered Solutions High Temperature Resistant coatings are capable of withstanding continuous immersion conditions up to 266°F (130°C). The products have been specifically developed to withstand aggressive operating environments where corrosion and abrasion at elevated temperatures can cause premature failure of expensive equipment and components.

The materials cover a wide range of chemicals and can protect metallic surfaces from hydrocarbons, water, steam, acids, alkalis and processing fluids.

205 Ceramic HT Fluid

High build protective coating capable of resisting water, hydrocarbons, amines and alkalis at elevated temperatures.

206 Ceramic HTA Fluid

High build protective coating suitable for continuous immersion in strong acids and amines at elevated temperatures. Spray or brush applied.

207 Ceramic HTS Fluid

Spray grade high build protective coating capable of resisting water, hydrocarbons, amines and alkalis at elevated temperatures.

The Polymeric Engineered Solutions High Temperature protection range has been used for applications to protect and repair equipment in the Marine, Power, Chemical, Oil and Gas, Water and Paper and Pulp industries.

Typical repairs include –

Oil and gas processing equipment	Condensate return tanks
Condensate return pumps	Clarifiers
Distillation units	Evaporators
Heat exchangers	Chemical tanks
Storage vessels	Sour gas units
Sulphur recovery units	Scrubber units

Features of the product range include –

- Solvent free
- Exceptional heat resistance up to 266°F (130°C) in continuous immersion
- Resistant to wear and impact damage
- Excellent adhesive strength
- Outstanding erosion protection
- Good chemical resistance

Benefits to the user include –

- Reduced downtime of essential equipment
- Cost effective solution to a wide range of elevated temperature maintenance problems
- Reduction in life cycle cost of key operating plant
- Upgrades the performance of conventional materials of construction