



Railway Bridge Maintenance

Zipcoat Approved by Highways Agency UK

Industry: Structural Steel
Product: Polyglass Zipcoat
Expertise: Structural Coatings

Zipcoat's unique characteristics were a major factor in it being selected for railway bridges in the UK. The client required rapid cure at low temperatures, good gloss and edge cover and durable corrosion protection all in a single coat. Furthermore the mild steel bridge was coated in the middle of an English winter.



Mineral Processing Plant

Structural Steel & Equipment Protection - Tasmania

Industry: Process
Product: Polyglass VEF
Expertise: External coating of Steel work and Equipment

Chemical spills and an aggressive acidic atmosphere were damaging the structural steel and equipment in this mineral processing plant. Polyglass VEF was applied to all steelwork and equipment to increase the life of the structure, plant and equipment.



Salt Water Immersion

Structural Steel Work

Industry: Process
Product: Corroglass 600 series
Expertise: External Coating of Structural Steel

This reclaimer boom is immersed in sea water for the recovery of shell grit. The structural steel was sprayed with 750 microns of 600 series to provide corrosion protection in this harsh environment. As seen here after 2 years service the coating was found to be in excellent condition with a small amount of marine growth on the end of the boom.



Pipe Bridge Restored

Structurally Dangerous

Industry: Water & Waste Water
Product: Plasmet ZF & 600 series.
Expertise: Structural Steel

A structural survey revealed this pipe bridge required extensive repairs and corrosion protection. After the repairs the entire structure and pipe externals were treated with two coats of Plasmet ZF. The bridge and pipe were re inspected 7 years later and found to be corrosion free.

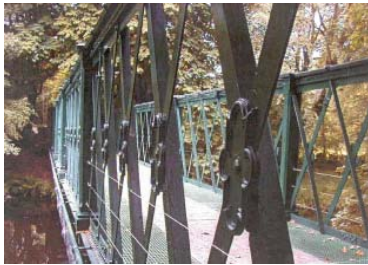


Non Toxic Anti Foul For Seawater Screens

Structural Steel Work

Industry: Power
Product: Corroglass 600 series & Biofoul
Expertise: External Coating of Sub Sea Steel

These screens were suffering from corrosion and marine growth. Corrocoat, blasted, decontaminated and patched the screens, then applied a 1.5mm coating of Polyglass 600 series to eliminate any future corrosion. A top coat of environmentally friendly Biofoul was applied to the screens as a long term anti foul treatment. The use of Biofoul has eliminated the costly requirement for regular cleaning and maintenance by divers.



UK Victorian Bridge Refurbishment

Architectural Details Recreated

Industry: Structural Steel
Product: Plasmet ZF & Polyglass 600 series
Expertise: External Coating of Structural Steel

This Victorian bridge was painted regularly but still suffered degradation from corrosion. Corrocoat carried out repairs and full corrosion protection to extend the life of the bridge and significantly reduce the maintenance. Corrocoat used casting techniques to recreate cast iron architectural detail that were damaged beyond repair by corrosion and weathering.



Oil Refinery

Underground LP Gas Bullet

Industry: Oil & Gas
Product: Polyglass VEF
Expertise: External coating of tanks and pressure vessels

These bullets are buried in chloride rich coastal soil in a high rainfall area and the refinery found other coatings blistered within 5 years due to Cathodic disbondment. Polyglass VEF was selected and two coats to a thickness of 1500 microns were sprayed to the external of each bullet.
