



Oil & Gas

Coarse Water Strainers

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

During the “algae bloom” period the baskets were removed several times a day causing mechanical damage to the coating. Corrocoat offered a solution of stainless steel impact rings and internally coated the internals with a corrosion and abrasion resistant lining. The strainers are now lasting in excess of 12 years before requiring maintenance.



Tiwest Chandala Fan Rebuild

Severe Erosion & Corrosion of Duplex Stainless Steel Fan Casing & Impeller

Industry: Mining
Product: Polyglass VEF, Corroglass 600 series & Armagel
Expertise: Rebuild all internal surfaces to original profiles

This fan was severely corroded and eroded from wet sulphuric acid and H₂S with abrasion from mineral sand. Significant savings were achieved by eliminating the need for a new fan and associated modifications to existing footings and ductwork. The coating prevents any future corrosion / erosion reducing maintenance and running costs.



Duplex Stainless Steel Fan

Tiwest Chandala

Industry: Mining
Product: Corroglass 600 series & Armagel
Expertise: Hand coating of equipment

This fan impellor suffered severe erosion and corrosion of the blades, cracking of welds, and thinning of the metal. Uncoated the impellors service life was less than 3 months. The service life was increase to more than 2 years after which the coating can be repaired.



Armagel Provides Abrasion Resistance to Pump

Refurbishment & Coating Hamworthy Pump Casing

Industry: Marine
Product: Corroglass 600 series, Armagel, Plasmjet ZF
Expertise: Repairs and Rebuilds

Armagel is a durable coating offering excellent abrasion and chemical resistance. Armagel may be used on its own or as a top coat for Corroglass and Polyglass materials. This cast bronze pump casing was internally lined with 600 series followed by Armagel. Two coats of ZF were applied to the external of the pump casing.