



Titanium Replaced with Coated Carbon Steel

Agitator Shaft & Impeller

Industry: Manufacturing
Product: Corroglass AR4 & Glass Reinforced Fabric
Expertise: External Coating of Plant and Equipment

The client replaced an expensive titanium impeller & shaft with carbon steel components coated with AR4. The environment is pH 0-15 and temperature 20-80°C. Chemicals include; Sodium Hypochlorite, Caustic, Sulphuric & Hydrochloric Acid & Brine. AR4 is a 2 pack cold cured brominated vinyl ester / acrylic co-polymer enhanced with glass flake. These items were post cured for 8 hours @ 80°C to maximise protection.



Stainless Steel Portable Chemical Storage Tanks

AR4 Replace Failed Lining

Industry: Petrochemical
Product: AR4 & Post Curing
Expertise: Internal Lining of Tanks

The original lining on these portafeeds had failed so Corrocoat were called on to provide a suitable solution. More than 300 portafeeds have been coated with AR4 and the customer remains satisfied with the increase in life expectancy of the new coating. A combination of 4 coats, 2 spark tests and post curing was used to achieve the desired protection.



Couch Roll Suction Box

Major Paper Manufacturer

Industry: Paper
Product: AR4, PPV, Corrofill VE & Laminate Cloth
Expertise: Repair & Rebuild Equipment

The recycling plant had planned to scrap this couch roll suction box. The unit had not been used for over 10 years, and they were looking at replacing it with a new stainless steel couch roll. Using our proven engineering and coating expertise, we were able to coat the existing unit for around 10% of the cost of a new suction box.



Chemical Road Tanker

Chemical Manufacturer

Industry: Chemical
Product: AR4, AR Veil coat & ZIP E
Expertise: Tank Coating

This tanker is used for the transport of caustic liquids at 55% concentration and was suffering both internal and external corrosion. Corrocoat was asked to provide suitable internal protection to the tanker, baffles and bund area, as well as external corrosion protection and a high gloss finish. The surfaces exposed to the caustic were coated with AR4 and AR Veil coat while the external was coated with Zip E and a decorative paint.

