

CASE STUDY: FILTRATION EQUIPMENT

LOCATION: SINGAPORE

MARKET: UTILITIES

REQUIREMENT:

When the client decided to install new filtration systems at its Singapore plant, high performance anticorrosion systems were required to protect tanks and equipment that would be subjected to high degrees of abrasion and chemical attack. Lime D-Mixers, Slurry Tanks, Cyclones and Dust Filters were included.

SURFACE PREPARATION:

The units were blast cleaned to a minimum of Sa2 of EN ISO 8501-1:2007 with a surface profile of 50-75 microns and washed down with fresh water and allowed to dry.

COATINGS:

The external areas received two coats of Corroless S followed by one coat of Corroless RF16. For additional protection, all internal areas were protected with a coat of Corroless EPF and one full coat of Corroless RF35 (2006).

PRODUCT	Colour	DFT
External		
Corroless S1	RedOxide	35 microns
Corroless S2	Buff	35 microns
Corroless RF16	White	50 microns
Internal		
Corroless EPF	Buff	200 microns
Corroless RF35(2006)	Grey	200 microns

COMMENT:

The new filtration plant was successfully commissioned.

