CORROSERVE
ENGINEERING LONGEVITY

CASE STUDY: Effluent Scraper Steelwork

Protect Steelwork Externals

Job no: A20 205

Client
Engineering Industry, UK.

Application date
October 2020.

Scope of work
External corrosion protection subject to sludge effluent at ambient temperature.

Products
Polyglass VEF & Corrocoat Armagel.

Substrate
Steel.

Coating System

- Abrasive blasted externals to ISO 8501-1 to Sa 2½ with a minimum surface area of 50 microns.
- Completed final blow down, sweep and vacuum clean to remove dust.
- Applied Polyglass VEF to achieve DFT of 500 microns.
- Applied Corrocoat Armagel internally to achieve minimum DTF of 1000 microns.
- Thickness checked and spark tested.
- Pack and prepare for dispatch.

Coating credentials

Polyglass VEF: a glass flake vinyl ester acrylic co-polymer. Excellent in immersed environments. Excellent flexibility, undercutting resistance and sliding abrasion resistance.

Corroserve specialise in the design, manufacture and application of an extensive range of coating systems. This ensures that the coatings are applied in suitable conditions, using the correct surface preparation and application techniques followed by quality assurance testing such as dry film thickness measurements and high voltage spark testing (holiday testing). By controlling these important aspects of application, Corroserve ensures the coating system can perform to its fullest potential.

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