

PROTECTION FOR PUMP SUBMERGED IN EFFLUENT

CORROCOAT

Protection for Submerged Pump

A Verderus screw channel submersible pump required corrosion protection due to service in an aggressive environment. Subject to constant submersion in effluent produced at a food processing plant the pump was showing signs of corrosion on the external surfaces.

Corrocoat recommended that the pump be abrasive blasted to Sa2½, and that a specified surface profile of 50µm be achieved. The external surface of the pump was then coated with Polyglass VEF to a DFT of 1250µm.

Polyglass VEF is suitable for immersion environments where superior resistance to chemical attack is required within the full pH range. It also has excellent resistance to demineralised water and many solvents.

The specialist coating will provide excellent ongoing corrosion protection for the pump and will ensure an extended service life in such an aggressive environment.



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1: On arrival at works. 2: Post abrasive blasting. 3: Coated with Polyglass VEF.

Polyglass VEF

Cert No: MATS/4991/1



Industry	Food manufacture
Environment	Submerged in effluent
Plant Coated	Submersible pump
Preparation	Sa2½, profile 50µm
Coating	Polyglass VEF
Application	Brush
DFT	1250µm
QA	Thickness & spark testing



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