

Protective coating on dewatering pumps

SULZER

General

Sulzer additional corrosion protection on cast parts features extremely good corrosion resistance on subterranean and water submerged structures. The double layer protection coating system has good adhesion to steel, aluminium, zinc and acid-proof steel. Other advantages are abrasion and chemical resistance.

The coating is environmentally safe as it is very inert and do not emit any substances to water or air.

Procedure

The optional coating uses 3 steps:

1. Cleaning procedure, to provide a good surface for excellent attachment of the paint.
Parts are cleaned in two 60-65° bathes of degreasing agent and containing anti-corrosion adder.
2. First layer of a 2-component epoxy paint (Teknoplast HS 150 and Teknoplast hardener).
3. 2nd layer consists of an extra layer of the 2-component epoxy paint.

Total thickness of minimum 270 µm for 2-layer surface coating.

