

Oslo 2002-06-27.

Enviro-coat 2000: Active Rust Primer 662 SG.

Referring to a request of our experience with active Rust Primer 662 SG and our statement on same issue, dated 22.11.1996.

Active Rust Primer 662 SG is a waterborne anticorrosive penetrating acrylic primer we have used since 1994. It is a harmless product and very easy to use for crew in maintenance against corrosion on ships. When the primer is being applied in ballast tanks, surface preparation varies from St 1-2 to Sa 1 or equivalent standards by means of hydrojetting or sand sweeping. Independent of which epoxy we have used the result has been very satisfying.

I.e. LPG/C Havprins 53.000 m³ (1974): 6 tanks of 8 tanks were prepared during voyage in 1994-95 by shipping, sand sweeping and 320 bar FW high pressure preparation to standards varying from St 1 to Sa 1. In 1995 2 tanks were sandblasted to Sa 2 – 2.5 at yard and coated with Tar Epoxy without using Envirocoat.

In 2000-2001 we started with maintenance touch up coating of all top wing ballast tanks. Less than 5 % brake down of the previous coating in the tanks.

We could not find significant difference between the tanks condition where the preparation had been done on voyage or sandblasted at the yard.

The primer is also being used on deck in general maintenance work. It has a good adhesion to different surfaces and to topcoat. It is able to perform satisfying on long term on steel surfaces, which are light rusty without hard scales, but well cleaned with fresh water before priming. Envirocoat 2000 is to be recommended as an effective primer “rust sealer” easy to use and tolerant against surface which do not need to be sandblasted to Sa 1.

Important: Rust scales and salt must be removed, but light rusty steel “seems to be good for the primer”.

Best regards



Thore Thomassen