



# TECHNICAL DATA SHEET

06/1999

## Maintenance of ballast water tanks coated during construction with FLUID FILM Gel BW

The repair of FLUID FILM Gel BW coating consists of surface preparation and application and can be easily accomplished, not only during drydocking but also while alongside or underway, avoiding disruptions and lost revenues.

For effective performance of the renewed coating, the tank surface should first be prepared. Normally the tank is not corroded but due to water / mud abrasion in specific areas the coating can be worn and covered with mud. Areas with a reduced thickness of FLUID FILM should be touched up or fully recoated with a supplementary coating to achieve a total coating thickness of min. 500 µm.

The existing coating should be cleaned from mud by low-pressure fresh water washing using a washing aggregate with a washing gun, but using on the nozzle a water pressure not higher than 50 – 70 bar. The water atomized stream must not damage the existing FLUID FILM coating but only remove mud. On spots where already rust formation is visible hydrojetting should be used instead of washing.

The amount of used fresh water should be sufficient also for removing of salt contaminants.

After washing the tank should be mucked out and the bottom area wiped off with rags. The whole tank should be thoroughly dried out using dehumidifiers (for tanks reapplied with FLUID FILM Gel BW) or only air dried (surfaces may be moist) for tanks recoated with FLUID FILM Liquid AR.

Before application of each type of FLUID FILM the surface preparation of the tank should be accepted by an authorized person.

FLUID FILM Gel BW and Liquid AR are easily spray applied with proper spray equipment mounted into a rampress with a follower plate.

During application the total coating thickness should be controlled using wet coating thickness gauges.

The FLUID FILM Gel BW is white coloured which makes the self control by the painter easier. After a time of experiences continuous measurements of the coating thickness will not be necessary.

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