



# VIVABLAST SOLUTIONS (1/4)

## ALUMINUM FSIV TANK LINING

### ■ Case details

- Client: South East Asia Shipyard
- Object: Potable tank in aluminum Fast Service Intervention Vessel
- Scope of work: Tank lining & Pitting corrosion repair
- Conditions: The tank is filled with brackish water (less than half tank) for 2 week Sail Trail then left it empty for several months. It results in 20~30% pitting corrosion at the bottom and aluminum salt was occurred.





# VIVABLAST SOLUTIONS (2/4)

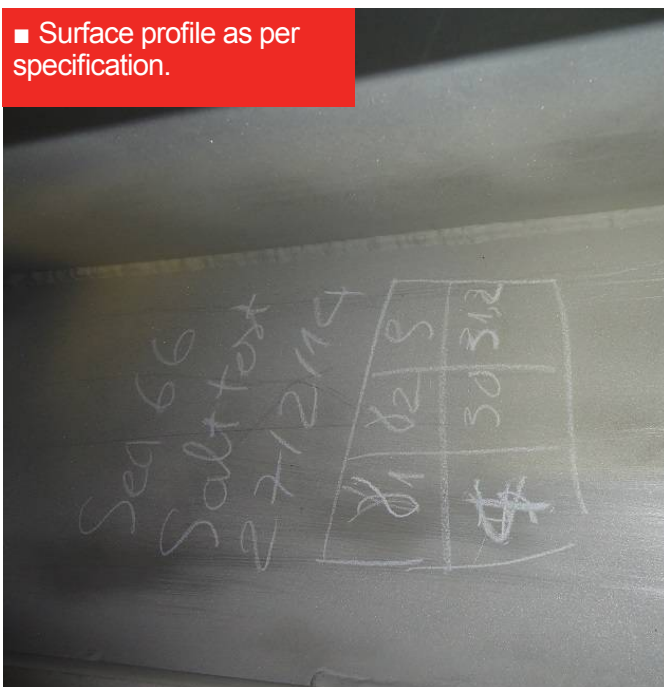
## ALUMINUM FSIV TANK LINING

■ Fresh water HP cleaning to remove all contaminants & aluminum salt...

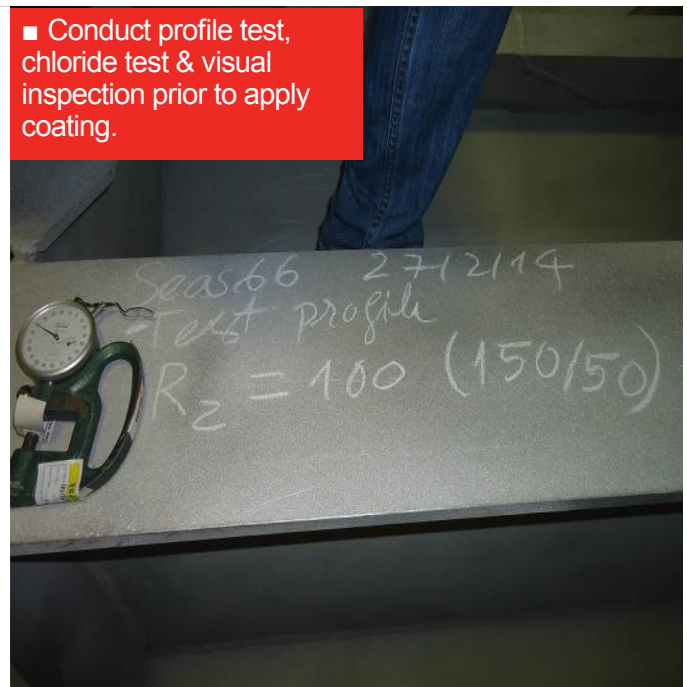


■ Surface preparation in accordance with ISO 8504:2000 to achieve SSPC SP10 at 75-100µ.

■ Surface profile as per specification.



■ Conduct profile test, chloride test & visual inspection prior to apply coating.





# VIVABLAST SOLUTIONS (3/4)

## ALUMINUM FSIV TANK LINING



■ Strip coating in application.



■ Apply 1 coat of 300 $\mu$  of tar component, solvent free, heavy epoxy tank lining.





# VIVABLAST SOLUTIONS (4/4)

## ALUMINUM FSIV TANK LINING



■ Inspection with paint manufacturer QC engineer.



■ Inspection with client & ship's owner engineers.



■ Complete potable tank lining with 5 years guarantee.