

Case study

Flotation Tank Lamination

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Extend the life of industrial tanks with a cost-effective solution.

Maximizing cost savings for customer

Client: Major North Sea operator

Location: Offshore installation Norway

Scope: Internal lamination of chemical flotation tanks with 7-layer barrier system

CHALLENGE

The internal surfaces of flotation tanks were degrading due to constant exposure to harsh process fluids. A protective internal barrier was needed that could be applied without removing tanks from service or creating fire hazards.

SOLUTION

Pipelinier applied a 7-layer composite lamination system, including reinforced polyester layers and chemical-resistant resins. Each tank was internally prepared and relined under controlled offshore conditions, using a method compliant with offshore fire safety and ventilation standards.

RESULT

- Internal surfaces protected against chemical degradation
- Tanks reinforced without replacing steel structure
- Achieved full operational readiness with no fire-risk work

WHY EXTENDING ASSET LIFESPAN MATTERS



**Reduction of
Operational Downtime**



**Significant Reduction
in CAPEX Costs**



**Mitigation of
Environmental Impact**



**Enhancement of
Safety Standards**



**Improvement in
Hydraulic Efficiency**