

# FibaRoll insulation cladding to prevent corrosion under insulation

**FIBAROLL**

Available exclusively from FTI Ltd

**Watertight joints**

**Adhesion at terminations**

**Mechanical strength**

**Fire retardant**

**Low smoke**

**Vaapour barrier**

**Simple to apply**



*Protection insulation on pipework (overpainted) on chemical tanker - Italy*



*FibaRoll cladding on LPG spherical tank - Scotland*

## Reduce Life Cycle Costs

# Using FibaRoll provides a complete watertight sealed system



Problem area: Corrosion under insulation (CUI) causes a high proportion of unexpected shutdowns and catastrophic damage often accounting for over 10% of the total operating costs in a 25 year plant. CUI is caused by water entering the insulation as a result of inadequate cladding systems. The traditional metallic cladding systems let water enter between the seams and at terminations. Seams and terminations are rarely watertight because the sealants used do not last and are easily damaged when construction and plant personnel walk on the cladding.



FibaRoll is the best solution for long term weather proofing of insulation:

1. Watertight joints which resist heavy loads better than any cladding system.
2. Adhesion and strength at terminations to prevent water ingress and resist mechanical load.
3. FibaRoll is used to seal metallic cladding helping to overcome the inadequacies of a metallic cladding system. Adhesion to all types of metal to seal joints in metallic cladding



BS 476 Part 7 – Method for Classification of the Surface Spread of Flame of Products. Passed Class 1. Final spread of flame allowed 165mm FibaRoll reached 60mm maximum on all five samples.

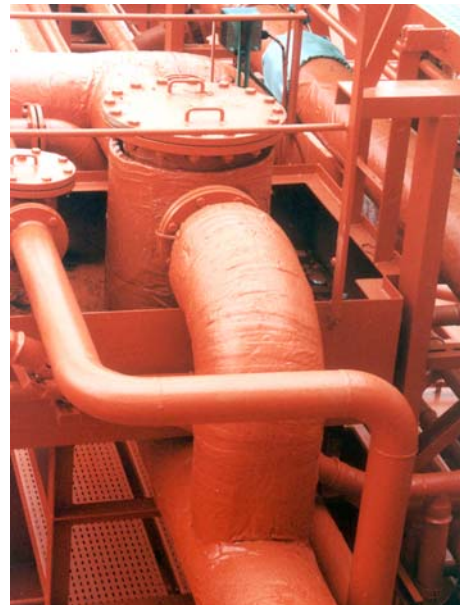
International Maritime Organisation (IMO) A653 (16) Fire Test Procedures for Surface Flammability of Bulkhead, Ceiling and Deck Finish Materials as amended by Resolution MSC 61(67). Pass “The specimens meet all the criteria given in the IMO document and can therefore be considered to have low spread of flame in compliance with the International Convention for the Safety of Life at Sea (SOLAS)1974.”

IMO MSC 61 (67) 1996; The International Code for application of Fire Test Procedures; Annex 1, Part 2 – Smoke & Toxicity Test. Pass with an additional comment “light coloured smoke”.

Lloyds Certificate for application on ships and offshore.

ASTM E84 - Class A

Norsok 004. Test according to ISO 5660-1:1993. Cone Calorimeter Test evaluates ignitability, combustibility, smoke production, smoke production and production of toxic gases. Accepted.



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Certified ISO 9001 by

