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## PROJECT PROFILE

**PROJECT:** Fleetwood Nautical College -  
Protection of an Offshore Training Rig

**LOCATION:** United Kingdom

### THE PROBLEM

As can be seen from the photograph, the steel structure of this Offshore Training Rig located at Fleetwood Nautical College had suffered heavily from corrosion due to the aggressive conditions in this tidal zone.

The client approached Thortex for an advanced "underwater" coating solution, which would offer long-term protection.



### THE SOLUTION

Chemi-Tech UW was chosen for this application based on the fact that it can be applied underwater. It would therefore remain totally unaffected by the rising tide, when the coating was wet.

The steel columns and surrounding structures were abrasive blast cleaned in order to ensure that the surfaces to be coated were clean and free from oils, bacteria and algae growth. Two coats of our VOC-free Chemi-Tech UW were then applied.

Chemi-Tech UW is a solvent-free epoxy coating, which provides superior corrosion and abrasion resistance. Chemi-Tech UW will cure down to 40C and has INM (Institute of Naval Medicine) Approval. It is ideal for structures operating in aggressive immersion or semi-immersion environments including platforms, jetties and piers, where a corrosion-resistant lining is required.