

## **CASE STUDY: Cementitious Coating System Lynemouth Biomass Power Station**

**February - April 2017**

**CSC Services installed protective coatings at Lynemouth Biomass Power Station in Northumberland for client Sir Robert McAlpine.**

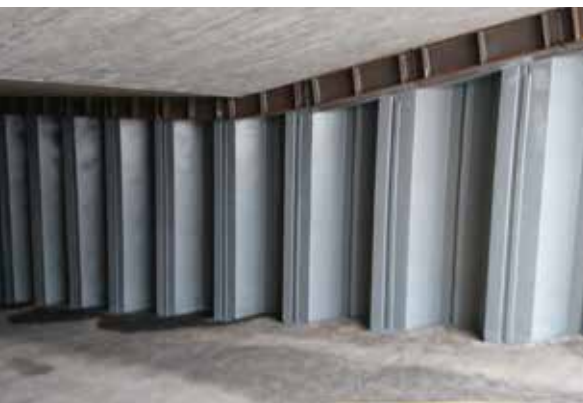
Sir Robert McAlpine were constructing the Materials Handling Facility at the plant in Northumberland. CSC Services installed the protective coating system to the new rail offload areas which will receive over one million tonnes of wooden pellets imported from US and Canada each year which will power the new plant.

A cementitious coating system was sprayed on to 1,500m<sup>2</sup> of new steel piling in the Materials Handling Facility. With enhanced chemical and abrasion resistance the coating will guarantee the life-span of the steelwork at the plant for twenty years. CSC Services worked closely with product manufacturer Flexcrete to provide the optimum coating specification for the project.

CSC Services later added a cementitious coating system to the new rail intake area at the Station. Due to the coastal location of the Power Station and the industrial operating environment Cemprotec E942 by Flexcrete was specified for the work.

Cemprotec E942 incorporates the benefits of copolymer and epoxy resin technologies into a water based cementitious system to give a hard, durable coating with excellent resistance to water, chloride ions, oxygen and aggressive chemicals.

Images from the work are shown.





# CSC

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