

Plasmor Grain Silo Lowestoft, Suffolk



Folcrete Restoration Services Limited are the UK's leading refurbishment specialists for the Milling Industry. Folcrete were called in when the 75m high, 13,500 tonne capacity, monolithic concrete grain silo owned by Plasmor on Lowestoft Docks, was suffering from cracking and spalling concrete.

Following this cracking, water ingress into the structure had begun to accelerate the rate of deterioration. This was due to chlorides from the marine atmosphere accelerating corrosion of the exposed steel reinforcement.

Using their own in-house powered access cradle, Folcrete were contracted first to survey and then to fully repair and protect the structure. This was

achieved using Remmers full Concrete Repair and Protection Systems throughout – exactly as Folcrete have done on numerous other grain and powder silos around the UK.

All of the damaged concrete was removed, the corroding steel reinforcement was exposed and treated, then all of the surface defects were repaired with Remmers Repair and Fairing Mortars. Finally the whole structure was protected with Remmers Concrete Acrylic and Elastoflex Anti Carbonation Coatings.

Today the structure is not only as good as the day it was built – in fact it is better – now fully protected by Remmers and with a greatly increased service life for the Plasmor Group.

Project Details

Application:

Concrete Repair and Protection

Market:

Manufacturing - Food Industry

Client:

The Plasmor Group

Contractor:

Folcrete Restoration Services Limited

