

Weetabix 'Corby One'

Corby, Northants



This major breakfast cereal production facility is known as 'Corby One' in Corby, Northamptonshire. It has had its external concrete fabric repaired and protected by Folcrete Restoration Services Limited using Remmers complete concrete repair and protection system.

The plant was originally built in the early 1950's, with an insitu reinforced concrete structural frame and a barrel vaulted concrete roof. An innovative space saving manufacturing facility design for its time, it has a mixed facade of precast exposed aggregate panels and glazing.

Folcrete carried out a full Condition Survey and on the basis of this, they were awarded the overall refurbishment project as main contractor.

The most serious problems had arisen in the columns, where a

combination of low cover and honeycombing, from inadequate compaction in the original construction, had allowed water ingress and the main vertical reinforcement had begun to corrode. This created a vicious spiral of more cracking, more concrete spalling and even more water ingress.

The solution involved high pressure water jetting to clean all of the concrete surfaces, followed by mechanical breakout of the damaged areas and blastcleaning of any exposed steel reinforcement.

The damages were repaired using Remmers repair mortars, including Betofix® RM Lightweight for the overhead repairs to the edges and details of the roof slab. This advanced mortar can quickly be built up in layers – even in overhead applications.

Overall the repaired concrete

surfaces were then sealed and protected by the application of Remmers Concrete Acrylic, the anti carbonation coating, including a Clear Glaze grade for the exposed aggregate surfaces.

Project Details

Application:

Concrete Repair and Protection

Market:

Manufacturing - Food Industry

Client:

Weetabix Foods Limited

Contractor:

Folcrete Restoration Services Limited

