

Case Study

Wareham Bridge

Wareham, Dorset



Wareham Bridge

Southern Concrete Services were appointed by Dorset County Council, following competitive tendering, to refurbish Wareham Bridge in Dorset.

Wareham Bridge is a three-span reinforced concrete bridge built circa 1920 which needed entirely refurbishing. The refurbishment was complicated by the tidal river, limited restriction for road closures, abnormally cold weather and the requirements for specially designed cantilevered scaffolding.

The bridge had previously been coated, but many areas had failed and were badly chalking. The initial works involved the removal of all existing coatings using an environmentally friendly open blast method, allowing for the fact that the works were being carried out over a very sensitive tidal river.

Once all coatings were removed and the original concrete surfaces were visible, the scale of repairs required were visible. The repairs were then undertaken using the BASF Emarco range, including S88C.

Engineers from Dorset Engineering Consultancy assisted in surveying all elements of the bridge and provided drawings and specification for the repairs. All the repairs were carried out successfully, within the agreed budget and programme.

Project Outline

Application:

Concrete Repair

Main contractor:

Dorset County Council

Engineer:

Dorset Engineering Consultancy

Supplier:

BASF