

## Saint-Gobain Weber in Brighton Marina pilot

Saint-Gobain Weber's high performance concrete repair products have been specified in a major pilot maintenance project at Brighton Marina - the largest manmade marina in Europe.

Substantial breakwater structures built in 1977 were formed by open bottom precast concrete caissons founded on concrete plugs. The harsh environment has prompted a continuous monitoring of the structural and material integrity of the breakwaters.

A trial was set up to determine the validity and implementation process of installing a cathodic protection (CP) system to protect, and extend, the performance duration of the steel reinforcing within the concrete structure.

The pilot scheme has been undertaken by Concrete Repairs Limited (CRL) and Saint-Gobain Weber concrete repair products were specified as an integral part of this package. Once the CP mesh was successfully connected to the reinforcing steel, weber.cem spray DS was used to form a strong, protective coat over the mesh and wiring.

Ben Lawson, Senior Contract Manager at CRL explained, "This was a complex project but a very worthwhile one. Now the initial trial is over, we will analyse the procedures and refine the methods for when the main programme commences.

We specified Weber products from past and very satisfactory experience, as well as for exemplary technical support. The use of the weber.cem pyratop for the roadway cover screed meant that we could re-lay the surface in one day and this fast curing meant access for emergency vehicles was possible very quickly."



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