

## CASE STUDY:

### Crane mounting.

## OVERVIEW

In early 2022 we wanted to try something different, so offered the ZCD coating system to a wind farm maintenance company, to prove the system on bolted to ground systems that are exposed to sea water on a daily basis, and, that require continual maintenance /upkeep, in this instance, 6 monthly torque testing of the crane mounting.

We offered a F.O.C coating, to demonstrate how good the system is, compared to plastic thread covers.

### The Objective

To provide 6 monthly coating solution of base mounted bolted structures, that can easily be applied and removed for torque testing and maintenance. The client wanted proof that the system is applied as easily as we say, is as secure and as protective as we claim and can be removed easily.

The whole project was 1x 36inch flange section at the base of the crane, and a run over onto a concrete base plate. The Z-FP coating must not allow water ingress and must be removable.

### The Project

1 technician for 1 day.

Prep involved simple solvent clean down and removal of plastic thread caps. Technician coated approximately 3 inches up the main structure and 1.5 inch onto base plate.

3 coats of Z-FP light grey.

3 x 1 hour applications. It was a lovely warm, windy day, so time between coats was 1 hour.

### Technical/Project Approach

Deliverable	Description	Deliverable	Description
Manpower	1 x ZCD technician	Budget	No budget, wanted minimal material as project was F.O.C.
Duration	1 day	Equipment	application equipment.
Material Used	6 litres Z-FP light grey	Site issues	None. Project went without issue.

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