

## BELZONA PROTECTS STEEL JOINTS ON LARGE SUSPENSION BRIDGE

### CUSTOMER

Greece

### APPLICATION DATE

July 2018

### APPLICATION SITUATION

Structural steel joints on a suspension bridge exposed to weathering and moisture, especially with the river flowing directly beneath.

### PROBLEM

Corrosion in the bolt areas of the steel joints caused by insufficient protection from the existing paint. Due to the movement in the joints, the customer required a flexible coating. They wanted a system that would allow them to later inspect the bolts.

### PRODUCTS

Belzona 8411

Belzona 3412

### SUBSTRATE

Steel

### APPLICATION METHOD

Application was carried out in accordance with an amended version of System Leaflet GSS-11.

### BELZONA FACTS

The existing paint was insufficient to protect the joint areas as it didn't have the edge retention to get good coverage of the complex geometry in this area. Due to the movement in the substrate, traditional protection systems were not suitable as these may crack in service. An added benefit for the customer is the ability to inspect the bolts at a later date easily.

### PICTURES

1. Preparation being carried out
2. Preparation completed
3. First coat of Belzona 3412 applied
4. Completed application



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ISO 9001:2008  
Q 09335  
ISO 14001:2004  
EMS 509612

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