

## **BELZONA® ELIMINATES DAMAGE FROM CUI (CORROSION UNDER INSULATION)**

### **CUSTOMER**

Oil Refinery in U.K.

### **APPLICATION DATE**

2001

### **APPLICATION SITUATION**

Outdoor condensate vessel.

### **PROBLEM**

The vessel was suffering from CUI (Corrosion Under Insulation).

### **PRODUCTS**

Belzona® 5851 (HA-Barrier)

### **SUBSTRATE**

Steel

### **APPLICATION METHOD**

The surface was prepared manually with a wire brush and a power wire brushing tool was used to remove loose particles. Belzona® 5851 (HA-Barrier) was applied by brush. Once the material cured, the vessel was re-lagged.

### **BELZONA® FACTS**

Belzona® 5851 (HA-Barrier) is heat activated (begins to cure at temperatures of 70°C or higher) and can be used on equipment that is in service making downtime a thing of the past. The application was inspected one year later and the plant engineers found the Belzona® 5851 (HA-Barrier) to be in perfect condition.

### **PICTURES**

1. An overall view of the vessel, complete with lagging, while in service.
2. Surface preparation was carried out via wire brush and power wire-brushing tool.
3. Belzona® 5851 (HA-Barrier) is being applied via brush.
4. Close-up of application area. Showing brush strokes after one year of service.



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[www.belzona.com](http://www.belzona.com)



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

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