

## BELZONA PROTECTS EVAPORATOR TUBE SHEETS

### CUSTOMER

Pulp and paper mill in British Columbia, Canada.

### APPLICATION DATE

First in December, 1995

### APPLICATION SITUATION

Evaporator tube sheet.

### PROBLEM

Erosion/corrosion of the tube sheet due to hot caustic (black liquor at 185°F) and galvanic corrosion due to dissimilar metals.

### PRODUCTS

Belzona® 1391

### SUBSTRATE

Stainless steel tubes and mild steel tube face.

### APPLICATION METHOD

The application was carried out in accordance with a modified version of Belzona Know-How System Leaflet HEX-1.

### BELZONA FACTS

Belzona has been protecting evaporator tube sheets at this mill for several years. Erosion/corrosion is retarded. The life cycle of the equipment is extended and overall maintenance costs reduced.

### PICTURES

1. Inspection of previous coating shows degradation.
2. One year of Belzona® 1391 coating exhibits no signs of degradation.
3. Close-up view. Substrate is protected with Belzona® 1391.



1.



2.



3.

For more examples of *Belzona Know-How In Action*, please visit <http://khia.belzona.com>



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

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