

# Health District HVAC Tube Sheet Repaired with Belzona

ID: 7753

**Industry:** Heating, Ventilation & Air Conditioning  
**Application:** HEX-Heat Exchangers  
**Substrate:** Carbon steel  
**Products:** \* Belzona 1111 (Super Metal) ,  
\* Belzona 1321 (Ceramic S-Metal) ,

**Customer Location:** New Zealand  
**Application Date:** August 2018

## Problem

The tube sheet was severely corroded.



## Photograph Descriptions

- \* Corroded tube sheet before application. ,
- \* Tube sheet after blasting. ,
- \* Belzona 1111 application onto the tube sheet. ,
- \* Completed application. ,

## Application Situation

A tube sheet of an HVAC system of New Zealand's biggest district health board. A severely corroded tube sheet in a district health board.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflets HEX-1, HEX-2

## Belzona Facts

The tube sheet was undergoing severe corrosion. The Customer's initial plan was to replace the entire tube sheet. Belzona methodology was presented as an alternative approach. The methodology was selected due to similar successful applications being done across the country for different industries. Belzona 1111 was used for rebuilding and Belzona 1321 was used for corrosion protection. These products were chosen as they had a short curing time.

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

ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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