

BELZONA REPAIRS AND PROTECTS 18 FOOT DIAMETER FLANGE FACE

ID: 1337

Industry: *General Industry*
Application: *GSS-Gaskets, Seals and Shims*
Substrate: *Mild Steel*
Products: ** Belzona® 1111 (Super Metal) ,*
** Belzona® 4341 (Magma CR4) ,*

Customer Location: *Metallurgy, Montreal Canada*
Application Date: *October 2006*

Problem

Flange was attacked by 98% Sulfuric acid at elevated temperature after Teflon lining was damaged.



Photograph Descriptions

- * Metal flange needed rebuilding. ,
- * The damaged Teflon lining that caused leak ,
- * The rebuilt flange protected with Belzona® 4341 ,
- * ,

Application Situation

Flange on 18ft. diameter evaporator.

Application Method

Application carried out in accordance with Belzona Know-How System Leaflets GSS-8 and HEX-3. Templates were used to obtain original profile of the flange with Belzona® 1111. Belzona® 4341 was applied as a protective coating.

Belzona Facts

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

Belzona products are
manufactured under an ISO
9000 Registered Quality
Management System.

www.belzona.com

**BELZONA**
Repair • Protect • Improve

Belzona solution restored sealing on flange face without heat avoiding further damage to the Teflon lining. Use of Belzona® 4341 provided acid resistance to the repair.

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