

BELZONA PROVIDES CAVITATION PROTECTION TO PUMP IMPELLER

ID: 1091

Industry: Chemical & Petrochemical

Customer Location: Chemical plant, Italy

Application: CEP-Centrifugal Pumps

Application Date: January 2007

Substrate: Steel

Products: Belzona® 1341 (Supermetalglide)<div>Belzona® 2141 (ACR Fluid Elastomer)</div>

Problem

Impellers lasting only 6 months before showing heavy cavitation leading to excessive noise and ultimately loss of balance necessitating replacement.



Photograph Descriptions

* Blasted Surface , * Coated with Belzona® 1341 , * First coat of Belzona® 2141 (black) applied , * Application completed with a second coat of Belzona® 2141 (green) ,

Application Situation

Coating for new impeller

Application Method

Application was carried out in accordance with Belzona Know-How System Leaflet CEP-3

Belzona Facts

Original impellers being replaced after 6 months. Belzona coated impeller inspected after more than one year and still in excellent condition.

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.

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