

BELZONA ELASTOMER REPAIRS A FRANCIS TURBINE

CUSTOMER

Poland

APPLICATION DATE

2019

APPLICATION SITUATION

Damaged Francis Turbine

PROBLEM

Mechanical damage of Francis turbine blades due to strong cavitation.

PRODUCTS

Belzona 2941

Belzona 2141

Belzona 1221

Belzona 9121

SUBSTRATE

Steel

APPLICATION METHOD

Abrasive grit blasting. Dedusting and degreasing the surface with Belzona 9121. Re-profiling cavities with Belzona paste 1221 Application Belzona 2941 and then Belzona elastomer application 2141 in a system of two layers. In line with Belzona Know-How System Leaflet CEP-3.

BELZONA FACTS

Belzona has a proven product range for repair and protection against cavitation. Due to many case studies the client felt confident opting for Belzona.

PICTURES

1. Francis turbine rotor after grit blasting
2. Re-profiled with Belzona 1221
3. Application of Belzona 2141
4. Completed Application



1.



2.



3.



4.

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

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

www.belzona.com

Copyright © Belzona International Limited 2020


BELZONA[®]
Repair • Protect • Improve