

# Belzona Protects The Separator From Abrasion

ID: 9480

Industry: Cement

Application: SHM-Solids Handling Machinery

Customer Location: Jordan

Application Date: June 2024

Substrate: Carbon steel

Products: Belzona 1311 (Ceramic R-Metal), Belzona 1391T, Belzona 1812 (Ceramic Carbide FP), Belzona 1813, Belzona 9811

## Problem

The shell of separator suffers from severe abrasion and structural defects in that section would cause safety and operational problems.



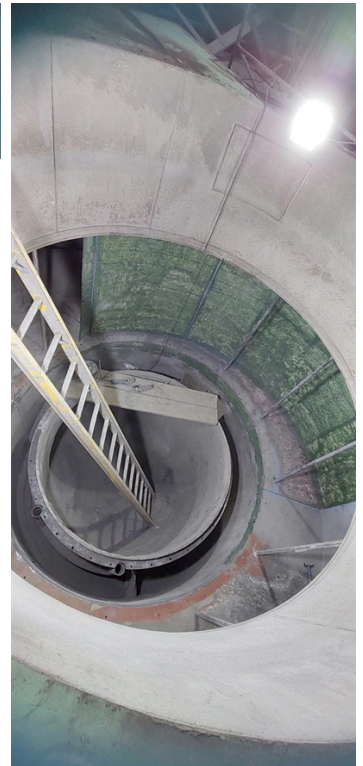
After Blasting



Rebuilding the pitted areas using Belzona 1311 and then applying Belzona 1391T as an adhesive to bond Belzona 9811 Almina Tiles



Applying Belzona 9811 Almina Tiles with Belzona 1391T as the adhesive



Application completed after applying Belzona 9811 then grouted with Belzona 1813

## Application Situation

Sichter separator in cement plant.

## Application Method

The application was carried out in accordance with Belzona Know-How system leaflet SHM-7.

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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## Belzona Facts

The customer decided to use Belzona in this case because premature damage to the separator section caused downtime and required immediate repair by Belzona to extend the separator's life.

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