

Pump plinth rebuild

ID: 9622

Industry: Steel & Metal Processing

Customer Location: Limerick, Ireland

Application: FPA-Floor Problem Areas

Application Date: September 2024

Substrate: Masonry

Products: Belzona 1391 (Ceramic HT), Belzona 4131 (Magma-Screed), Belzona 4181 (AHR Magma-Quartz), Belzona 4911 (Magma TX Conditioner), Belzona 4981 (Magma HT Conditioner)

Problem

Over time the plinth surface had deteriorated due to constant contact with hot caustic.



Initial condition of plinth



Application of Belzona 4131



Application of Belzona 4181



Overcoated with 1391T

Application Situation

Plinth had deteriorated due to constant contact with hot caustic.

Application Method

Area cleaned with high pressure water to remove caustic residue.

4911 used as surface conditioner before application of 4131 which was used to rebuild profile of plinths.

4981 used as a conditioner before application of 4181 which will give resistance to caustic at elevated temperatures.

Belzona Facts

Customer needed the plinth rebuilt and needed a coating which would give resistance to caustic at elevated temperature.

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

Copyright © Belzona International Limited 2025