

BELZONA PROVIDES ALTERNATIVE SOLUTION TO BASALT LINING

ID: 4366

Industry: Steel & Metal Processing
Application: SHM-Solids Handling Machinery

Customer Location: Steel Plant , Rourkela, India
Application Date: December 2012

Substrate: Stainless Steel
Products: * Belzona® 1161 (Super UW Metal) Belzona® 1813 Belzona® 9811 ,

Problem

Basalt lining was not giving smooth surface as well as adding excessive weight to the Stainless steel elbow.



Photograph Descriptions

* Stainless Steel elbow Surface preparation by MBX Bristle Blaster Bonding Belzona® 9811 tiles Finished application with tiles grouted using Belzona® 1813 ,

Application Situation

Pipe bend within the gas cleaning plant at the steelworks.

Application Method

Application was carried out in accordance with Belzona system Leaflet SHM-7. Belzona® 9811 alumina tiles were bonded to MBX Bristle Blaster prepared substrate using Belzona® 1161 and the grouted using Belzona® 1813.

Belzona Facts

Alternative Solution of Basalt Lining was slow and difficult to apply. It also added significant excess weight to the elbow.

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