Belzona restores screw conveyor at a large plywood factory.

ID: 8090

Industry:
Application: *SHM-Solids Handling Machinery*

Customer Location: *Southern Germany*
Application Date: *2017*

Substrate: *Steel*
Products: ** Belzona 1811 (Ceramic Carbide) ,*

Problem

Erosion and corrosion caused the edges of the screw flights to be worn down in the harsh environment of the plywood factory, resulting in material not moving efficiently.






Photograph Descriptions

* Damage to the screw conveyor ,
* Screw in situation ready to coat with Belzona 1811 ,
* Close up of the Screw coated ,
* Screw Conveyor complete ready to be shipped. ,

Application Situation

Worn and damaged Screw Flights.

Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-14. The full length of the screw was blasted before applying Belzona 1811 to rebuild and reinforce the edges that had eroded. Over time flights from the screw conveyor had fallen off at the weld as they were unprotected. new flights were welded on prior to applying the Belzona 1811.

Belzona Facts

The client had used Belzona across the site since 2009, they knew Belzona would rectify the problem with little down time due to past experience using Belzona products in a similar application.

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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