

# Belzona 1812 Protects Screw Conveyor

ID: 8888

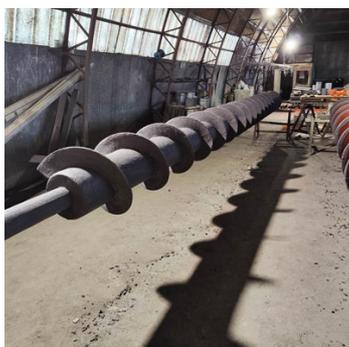
Industry: Power  
Application: SHM-Solids Handling Machinery

Customer Location: Estonia  
Application Date: November 2020

Substrate: Carbon steel  
Products: Belzona 1812 (Ceramic Carbide FP)

## Problem

Secondary fuel (SBS) is the end product in the processing of household waste, household-type commercial waste and commercial waste in mechanical, mechanical-biological and mechanical-physical processing plants. The request from the OEM was to ensure the screw flights and trough feed has a sacrificial lining to protect the substrate prior to going into application.



Belzona 1812 was applied on the screw flights and shaft.



Screw troughs coated with Belzona 1812 to protect the steel substrate.



Close up of the completed application of Belzona 1812



Complete application.

## Application Situation

A request from a major OEM to protect the screw flights and trough was required for approx 100sqm area for a local power plant. From the bunker via a rotating discharge system and two discharge screw conveyors. The feeding lines will be operated independently of each other.

## Application Method

The Belzona 1812 was applied to both the screw flights and trough in accordance with Belzona system leaflet SHM-14.

## Belzona Facts

The OEM has previously used Belzona on an existing site.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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