

# Belzona makes grit trucks fit for the winter

ID: 1391

Industry: *General Industry*  
Application: *SHM-Solids Handling Machinery*

Customer Location: *Local Authority Switzerland*  
Application Date: *2003 and October 2009*

Substrate: *Steel*  
Products: *\* Belzona® 1321 (Ceramic S-Metal) ,*

## Problem

*Auger screws from salt gritting trucks get worn due to the abrasive effect of the salt grit and corrosion resulting in shorter than desired life expectancies.*



## Photograph Descriptions

- \* Auger screw after grit blasting ,
- \* Application of the first coat of Belzona® 1321 (blue) ,
- \* Finished first coat ,
- \* Finished application with second coat of Belzona® 1321 (grey) ,

## Application Situation

Screw auger from a road gritting truck

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet SHM-14. Two coats of Belzona® 1321 were applied to the grit blasted steel substrate.

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.

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## Belzona Facts

The pictures show the coating of a new screw auger. This particular application resulted through the success in 2003 of a smaller version of this auger screw, similarly protected with Belzona® 1321. After 6 years the screw was still in service and in good condition and exceeding the customer's expectation.

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