

AN AUGER IN A CONCRETE PRECAST COMPANY GETS THE BELZONA TREATMENT.

ID: 9702



PROBLEM

A newly fabricated Auger for a concrete precast company requires protection from abrasion corrosion to extend its service years and avoid the long wait period of purchase from fabricators.

APPLICATION SITUATION

The customer was seeking a durable solution against a high level of abrasion corrosion. They were interested based on the comprehensive parameters and case studies shared on similar parts under the same condition in the mining and quarrying industry.

APPLICATION METHOD

The part was grit blasted to the required level of cleanliness as stipulated on the product's IFU. The vanes were then covered with Belzona 1812 for optimum abrasion resistance.

BELZONA FACTS

The customer put the auger in service and inspected it after few weeks to ascertain the level of protection by Belzona. They were pleased to see that the equipment itself is isolated from the abrasive nature of the concrete components.

INDUSTRY

Cement

LOCATION

Hamilton, Ontario

APPLICATION DATE

July 2017

PRODUCTS

Belzona 1812 (Ceramic Carbide FP)
Belzona 9111 (Cleaner Degreaser)

SUBSTRATE

Carbon steel

PHOTOS

1. Auger after abrasive blasting.
2. Auger during application of Belzona 1812.
3. Application completed with Belzona 1812.

For more examples of Belzona Know-How in Action, please visit khia.belzona.com

Belzona products are manufactured
under an ISO 9001 Registered
Quality Management System.

www.belzona.com

