

BELZONA 1812 SAVES MAGNETIC WHEEL

ID: 7996



PROBLEM

Previous polyurethane coating failed due to impact from magnetically transporting heavy cans of ink from one conveyor belt to another. The customer needed a better solution, Belzona 1812 was chosen to carry out the application.

APPLICATION SITUATION

Restoring magnetic wheels in an ink factory.

APPLICATION METHOD

The application was completed in accordance with an adapted version of Belzona System Leaflet SHM_12. A test patch of Belzona 1812 was applied to the wheel to see if the magnets would still work covered with Belzona. A 4 kg tin can magnetically stuck to the wheel so the application went ahead. The previous polyurethane coating was removed and the steel was then blasted before reinstalling the magnets and applying Belzona 1812. Acetone was used to make the wheel look smooth and the sides were coated with Belzona 5811 for aesthetic purposes before delivering to the customer.

BELZONA FACTS

The magnetic wheel is still in great conditions with no problems nearly 3 years on.

INDUSTRY

General Industry

LOCATION

Portugal

APPLICATION DATE

June 2016

PRODUCTS

Belzona 1812
Belzona 5811

SUBSTRATE

Steel

PHOTOS

1. Damaged magnetic wheel with existing polyurethane coating
2. Belzona 1812 being applied
3. Restored magnetic wheel showing it's magnetic capabilities
4. Finished application

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