

Brake test rollers

ID: 9552

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

Customer Location: *Dublin, Ireland*
Application Date: *September 2024*

Substrate: *Other*
Products: *Belzona 1821 (Fluid Metal)*

Problem

Coating had failed causing brake test rollers to lose positive grip.



Failure of previous coating



Roller grit blasted



Belzona 1821 with
incorporated grit applied



Close up of repair

Application Situation

Customer was having to replace rollers every time the previous coating failed at a huge cost. Recoating rollers was considerably less expensive than replacement.

Application Method

- Rollers grit blasted to provide rough, clean surface for maximum adhesion.
- Belzona 1821 applied using short bristle brushes.
- Once the Belzona 1821 is applied, grit can be incorporated into the wet surface.
- Allow the system to cure as per the Belzona guidelines

Belzona Facts

Customer needed a quick return to service.
Replacing rollers regularly at a huge cost.

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.

www.belzona.com


BELZONA
Repair • Protect • Improve

Copyright © Belzona International Limited 2025