

# CORROSION PROTECTION FOR ROLLERCOASTER

ID: 4920

**Industry:** Buildings & Structures  
**Application:** VPF-Valves, Pipes and Fittings  
**Substrate:** Carbon Steel  
**Products:** \* Belzona 5831 (ST-Barrier) ,  
\* Belzona 9111 (Cleaner Degreaser) ,

**Customer Location:** Vaughan, Ontario, Canada  
**Application Date:** October 2013

## Problem

Uncoated and unprotected carbon steel structural anchor bolts exposed to outdoor elements causing Corrosion at a large theme Park attraction.



## Photograph Descriptions

- \* Anchor bolts prior to application ,
- \* Application underway ,
- \* View of an anchor bolt finished application ,
- \* Completed application ,

## Application Situation

Approximately 1700 Structural anchor bolts at the base of a roller coaster.

## Application Method

The application was carried out in accordance with Belzona Know-How System Leaflet VPF-2. The surface was prepared by removing any contamination by rotary wire wheel and then cleaned with Belzona 9111. Two coats of the Belzona 5831 were applied with a brush to the anchor bolts in accordance with the Belzona Instructions For Use.

## Belzona Facts

Belzona 5831 is an environmental moisture tolerant barrier coating and does not corrode. The Belzona 5831 protects the steel underneath the coating and stops the steel from further corrosion.

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

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