

# Emergency repair on escalator handrail with Belzona products

ID: 9346

Industry: Buildings & Structures  
Application: SHM-Solids Handling Machinery

Customer Location: Toronto, Ontario  
Application Date: August 2022

Substrate: Rubber  
Products: Belzona 2311 (SR Elastomer), Belzona 2911 (Elastomer QD Conditioner)

## Problem

The handrail of an escalator had 2 defective areas. The side of the rubber was ripped and presented a potential safety hazard for the mall customers.



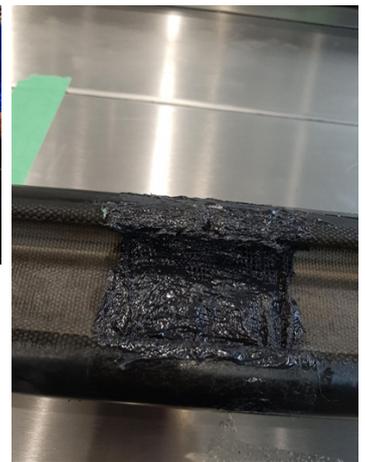
Damaged belt



Mixing of Belzona 2311



Removing masking tape after applying 2311



Completed repair

## Application Situation

The escalator was shutdown until they could repair and cover the opening in the rubber. Belzona 2311 was used because of its great mechanical properties and quick curing.

## Application Method

The surface was roughened up and degreased. Then conditioner Belzona 2911 was applied and allowed to dry. The repair was then completed with Belzona 2311 with reinforcement tape 9341.

## Belzona Facts

The product was applied and within 1 hour the product was sanded and put back in service. The customer was pleased with the quick turnaround.

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ISO 9001:2015  
FS 695214  
ISO 14001:2015  
EMS 695213

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