

Historical Railway carriage is revamped with a waterproof membrane

ID: 10003

Industry: *Transport*
Application: *RPA-Roof Problem Areas*
Substrate: *Other*
Products: *Belzona 3111 (Flexible Membrane)*

Customer Location: *Southampton*
Application Date: *June 2025*

Problem

A historic train carriage was suffering with external corrosion to the roof due to age and constant exposure to the elements.



Historic train carriage suffering from external corrosion



Debris is cleared and repairs are performed prior to application



Belzona 3111 is applied to the roofing area



Completed application, restoring integrity to roof

Application Situation

Due to the length of the roof and the curved geometry, the customer required a quick and flexible solution to restore integrity of the carriage roof

Application Method

Once the roof has been cleared of all debris and prepared to minimum surface profile, Belzona 3921 as a general surface conditioner. Then, two coats of Belzona 3111 was applied to a reinforcement sheet to cover the train roof.

Belzona Facts

This solution saved the customer on the expense of replacing a bespoke carriage roof. Repair was completed within a tight schedule.

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

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