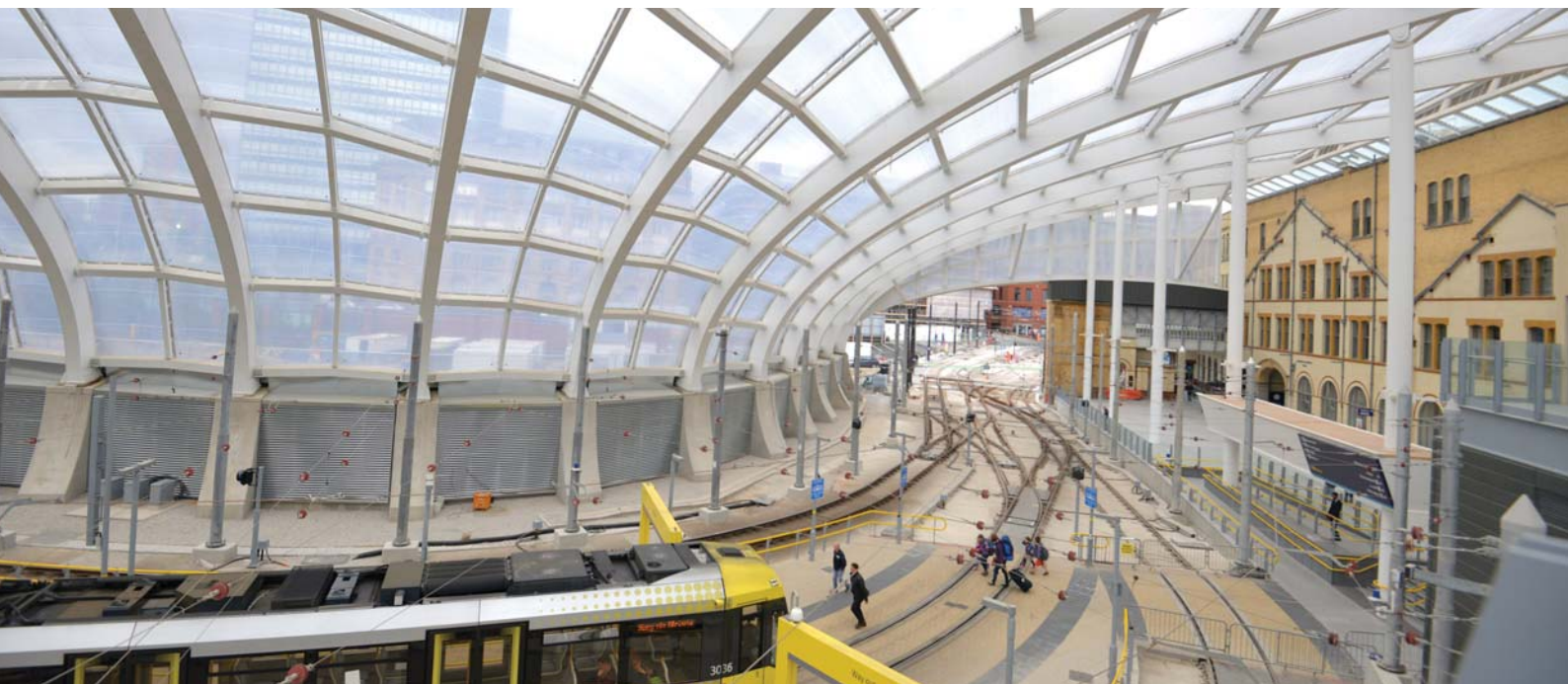




# Manchester Victoria Rail Station

## Manchester, United Kingdom



## Project

Manchester Victoria railway station was first built in 1844 and was further developed in seven phases up to 1909. During 2013-2015, the station was redeveloped as part of a £44M overhaul to allow increased passenger use from 20,000 to the current 40,000 a day.

The project involved the repainting of some existing steelwork, but a large proportion of the project involved the painting and erection of new steelwork to form the futuristic new 'glass bubble' roof, a new bridge and general structural steelwork. The new 8,500m<sup>2</sup> roof is constructed from 15 separate 'ribs', the largest of which is 95 metres in length and weighs over 80 tonnes.

Sherwin-Williams was asked to supply an anti-corrosion coating system for the project that would satisfy the Network Rail specifications and provide protection for a minimum period of 25 years to the next major maintenance. A high performance system was necessary on a structure such as the roof, as access for any maintenance would be awkward due to the logistics and operations of a fully functional railway station.

**Substrate:** Steelwork blast cleaned to Sa2½.

**Requirements:** 25 years life to first major maintenance for the structural steelwork.

**Specification:** Macropoxy™ L574, Macropoxy™ C123, Acrolon™ C137V2.

**Area Coated:** Approximately 1,800 tonnes of structural steel (approx. 45,000m<sup>2</sup>).

**Customer:** Severfield Plc Group (applicator), Morgan Sindall (main contractor), Network Rail (client).

## System

Sherwin-Williams worked with the Severfield Group to deliver a coatings system that could be applied in shop to help maintain productivity whilst providing the long-term anti-corrosive properties that would be essential for this type of project.

Sherwin-Williams offered full specification, technical and practical advice from the early project stages and carried out regular shop and site visits throughout the project to ensure completion on time to the satisfaction of all interested parties.

Product	Network rail item number	Product type
Macropoxy™ L574	NR Item no 7.1.2	Blast primer/sealer
Macropoxy™ C123	NR Item no 7.2.3	Glass flake epoxy
Acrolon™ C137V2	NR Item no 7.3.1	Special finish



## The Sherwin-Williams Difference

By putting our customers first, we know that the innovation, imagination, research and development we put into each and every product will be worth it. You are at the centre of our thinking wherever we operate around the world across five continents whether it is advice, specification or on-site inspection. You are the reason we exist. This is the Sherwin-Williams difference.



### To learn more, contact us

Europe, Middle East & Africa: +44 (0)1204 521771

North America: +1 800 524 5979

Asia: +8 621 5158 7798

[sales.uk@sherwin.com](mailto:sales.uk@sherwin.com)

[www.sherwin-williams.com/protectiveEMEA](http://www.sherwin-williams.com/protectiveEMEA)