



KEEPING EVERYONE MOVING WITH ANTI-CORROSION SYSTEMS FOR NEW AND OLD

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 8,500m² roof is constructed from 15 separate 'ribs', the largest of which is 95 metres in length and weights 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.

CLIENT:
Network Rail

APPLICATOR:
Severfield Plc Group

MAIN CONTRACTOR:
Morgan Sindall

FROM SPEC TO PROTECT
protectiveemea.sherwin-williams.com

**SHERWIN
WILLIAMS®**

VICTORIA RAILWAY STATION, MANCHESTER



SOLUTION

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.

SUBSTRATE

Steelwork blast cleaned to Sa2½.

REQUIREMENTS

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

SPECIFICATIONS

Macropoxy™ L574, Macropoxy C123, Acrolon™ C137V2.

AREA COATED

Approx 1,800 tonnes (45,000 m²) of structural steel.

FEATURED PRODUCTS

	Network Rail Item no.	Product type
• Macropoxy L574	7.1.2	Blast primer/sealer
• Macropoxy C123	7.2.3	Glass flake epoxy
• Acrolon C137V2	7.3.1	Special finish

THE SHERWIN-WILLIAMS DIFFERENCE

Sherwin-Williams Protective & Marine delivers world-class industry subject matter expertise, unparalleled technical and specification service, and unmatched regional commercial team support to our customers around the globe. Our broad portfolio of high-performance coatings and systems that excel at combating corrosion helps customers achieve smarter, time-tested asset protection. We serve a wide array of markets across our rapidly growing international distribution footprint, including oil and gas, water and wastewater, bridge and highway, steel fabrication, flooring, food and beverage, rail and power, marine and passive fire protection.

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