



Earl's Court Underground Station

London, United Kingdom



Project

The London Underground District Line first opened its tracks to Earls Court in 1869 and two years later, the first station was built. Numerous extensions have been made during the years, the last major project happening in the 1960's.

In 2007, CLC Contractors Ltd. was asked to carry out a refurbishment of the roof structure, which entailed chemically stripping the existing paint off the steelwork followed by mechanical preparation prior to re-applying a new paint system to provide 15 years life to the first major maintenance.

This was complicated by the fact that there were around eight layers of old paint to remove, some of the existing coatings contained lead, the station had to be kept open and the glazing had to be removed which meant that the paint system would also have to be suitable for curing in cold temperatures during the winter months.

Substrate: Chemically stripped then mechanically prepared to a standard of St3.

Requirements: 15 years life to first major maintenance for the structural steelwork.

Specification: Macropoxy™ M902, Macropoxy™ M905, Acrolon™ C137V2.

Customer: CLC Contractors Ltd. (applicator), London Underground (TFL) (client).

System

Sherwin-Williams worked with CLC Contractors Ltd to deliver a paint system that could be applied on site to help maintain productivity whilst providing the fast cure that would minimise the disruption to the public.

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

Product	Product type
Macropoxy™ M902	Hi-Build brushing aluminium
Macropoxy™ M905	Hi-Build undercoat
Acrolon™ C137V2	Special finish

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