

# Mort Lane Parapet



## Overview

Replacement of corroding steel parapet system with fibre-reinforced polymer composites.

## Details

<b>Location</b>	Mort Lane, Manchester.
<b>Description</b>	FRP modular parapet panels.
<b>Client</b>	Network Rail.
<b>Date of project</b>	2008
<b>Where FRP composites are used and why</b>	The project involved replacing both sides of the corroding steel parapet system with non-corrosive low maintenance FRP Parapet.
<b>Specific design details</b>	Each side was 15M long and 2M high to the top of the parapet, with the capping profile and drip beam the total height was 2.15M. The parapets were constructed from FRP structural panels and were made up of 3No. 5 x 2M sections, totalling 6 No. 5 x 2M sections in total for installation.
<b>Type of composite used</b>	Polyester Series 525 12.7mm Extren Plate Composolite Composolite 3 Way Connector Composolite Toggle 9.5mm Extren Plate
<b>Performance in service</b>	Structural performance exceeding project requirements. Polyurethane coating in sound condition, no corrosion or maintenance required.
<b>Project partners</b>	Designer - Birse Rail Contractor - Birse Rail Manufacturer- Pipex px

## Contact

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