



Metrolink Manchester

CUSTOMER

Transport for Greater Manchester

SECTOR

Rail

DATE

2008 ongoing

PRODUCTS

- Conbextra & Lokfix grouts
- Proofex membranes
- Nitoseal sealants

THE PROJECT

The Manchester Metrolink tram system consists of five lines, converging in Manchester city centre. The network is currently undergoing major expansion with four new lines under construction by 2016, and further potential extensions planned. Safety is a major consideration with 20 million passengers a year currently travelling on the Metrolink and the numbers set to increase considerably when the network is completed. Durability of products is also important to ensure low maintenance and minimum disruption to the service. A further challenge with a major infrastructure project extending over such a wide area is the efficient supply of materials to site, wherever the location, as well as ongoing technical support for construction problems which can arise at any time.

THE SOLUTION

Fosroc products offer a tried and tested solution, having a proven track record worldwide and being manufactured to BSI standards. Lokfix and Conbextra EPR epoxy resin grouts have been used extensively throughout the project: Lokfix for fixing in ironwork such as railings, handrails, and bolt holes and Conbextra EPR principally for grouting under concrete sleepers, where they run along new concrete. Fosroc's waterproofing products successfully met the requirements of other aspects of the project with Proofex Engage and Proofex 3000 membranes being used on below ground substations situated along the lines. Fosroc's Thioflex 600 polysulfide joint sealant has been used on bridges and stations and Nitoseal MS300 one part flooring joint sealant for platforms.

THE BENEFITS

Fosroc has facilitated the smooth running of the Metrolink project by providing local on-site technical support from the initial construction phases, backed up by Fosroc's experienced Technical Help Desk. Product supply has been made easier through a network of local distributors, enabling Fosroc to turn around site requirements quickly and efficiently. With its extensive range of products and technical support Fosroc has been able to provide solutions for the many differing applications which can occur throughout a major infrastructure project.



Construction of airport link



Construction through city centre



Lokfix used for grouting ironwork and bolt holes