



CIVILS

Quality Plastic Solutions

Case Study - M8 Motorway, Scotland



Project Outline

The M8 motorway project is a public-private partnership to complete the Central Scotland highway network between the country's two main cities Glasgow and Edinburgh. The section of the A8 between Balliestown and Newhouse was to be converted into a multi-lane highway. The Raith interchange was also upgraded and various sections of the M8, M73 and M74 widened.

The total distance covered on this project was 28.6 kilometres of highway, 12.4 kilometres of new construction and 16.2 kilometres of upgrade works to existing roadways.

The project was part of a £500m M8, M73 & M74 project aimed at tackling congestions problems in central Scotland and cutting journey times by up to 20 minutes. It was delivered on behalf of Transport Scotland, designed and operated by

Scottish Roads Partnership (SRP) and built by main contractors Lagan Construction Group and Ferrovial Agroman.

JFC Project Contribution

JFC's main contributions to the M8 project was the supply of our BBA / HAPAS twinwall drainage pipe known as CorriPipe™. This is manufactured at our UK manufacturing plant based in Stratford-upon-Avon.

Working alongside both the main and sub-contractors, JFC Civils worked to a specific delivery schedule and timescale. This contributed to the smooth efficiency of the project and consequently attributing to the resulting opening of the project ahead of schedule.

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Product Solutions - JFC CorriPipe™

Our CorriPipe™ twinwall drainage pipe has been used in numerous large scale projects across the United Kingdom and Ireland.

JFC CorriPipe™ is a twinwall drainage pipe made from HDPE plastic and is manufactured by twin extrusion process in which the two layers are simultaneously extruded one inside the other and heat welded together in one continuous process. The outer wall is corrugated providing excellent structural strength which reduces the possibility of on-site damage. The inner wall has a smooth seamless finish to assist hydraulic flow.

It is available perforated, unperforated and half perforated in the following sizes 110, 150, 225, 300, 375, 450 & 600mm diameters.

JFC has also further expanded its range of CorriPipe™ products with the introduction of our Large Diameter twinwall CorriPipe™ XL available in 750mm, 900mm and 1050mm sizes.



JFC Service Solution

- The biggest challenge faced by the contractors for this project was that the selected supplier should have the capability to supply the large volumes of product within the agreed time frame to meet the project timelines.
- This was an area where JFC excelled working closely with our distribution partner and the contractors involved adopting a planned and organised approach for the manufacture and delivery of all pipe requirements and working to an agreed program ensuring the project was delivered to the timescale required.
- This also resulted in potential savings for the contractor who had a team of workers assigned for installation. Any delay in delivery to site would have resulted in unnecessary downtime and associated labour costs.
- All of the above culminated in the development a great working relationship with the site contractor and our own distributor partner involved in this project. The contractor was particularly impressed by the smooth running and professionalism of expertise and service delivered within the tight time constraints involved.



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