



> Waterproofing Systems and Technical Solutions



> Phase two extension to the Nottingham Express transit system

As part of the Nottingham city tram system, that started some 18 years ago, the recent Toton extension has been completed using structural grouts from Parex.

The line serves the City, main railway station, Queens Medical Centre, Nottingham University, Beeston and the future interchange with the proposed High Speed 2 (HS2) rail project. The images relate to the major bridge over the A52 trunk road and the associated viaduct, leading up to and away from the bridge.

The single arch weighs 1,060 tonnes and is supported on massive mechanical bearings which in turn are supported using 100N Grout. The approach viaduct is also supported on PAREX CS GROUT, chosen because of compliance with Highways Specification 2601 and for its slow set but rapid hardening properties.

PAREX personnel visited the site on numerous occasions offering novel solutions to problems encountered. The principal bridge subcontractor was Freyssinet Ltd with main contractors Taylor Woodrow/ Alstom Joint Venture.

As part of the project existing connecting bridges between various parts of the hospital campus were removed to allow the tram viaduct to go through. The new station has now allowed access to various buildings and wards direct from the platforms.

— APPLIED PRODUCT —



- PAREX CS GROUT PAREX 100 NEWTON GROUT

— TECHNICAL DETAILS —

- Approx 500 25kg bags of CS GROUT
- Small quantities of 100 NEWTON GROUT On-site

> LOCATION

City of Nottingham - UK

> CUSTOMER

Freyssinet Ltd on behalf of Nottingham Express Transit

> MARKET SEGMENT

Grouting

> SUBSEGMENT FUNCTION

Bedding and Anchoring

> YEAR

2014 - 2015

BRAND

PAREX®

PAREX
Building expertise, together