



QUALITY SCAFFOLDING SINCE 1975

# GRAND UNION CANAL

CLIENT: TUBE LINES

Bringing together our latest acquisitions  
on our suspended scaffolding project.

Using: Tufcoat Shrinkwrap  
& Haki Derrick System



**GRENROSE SCAFFOLDING**



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## CLIENT BRIEF:

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We were approached by Tube Lines to produce a scaffolding structure which could be used for a railway bridge crossing the Grand Union Canal. Here are some of the issues that we came across:

Several parties were involved, including Tube Lines who own the bridge, the Environment Agency who are responsible for the Grand Union Canal and Network Rail who own a section of the goods line.

*“Keeping all of these parties happy was never going to be easy...”*

Each had their own different criteria and differing aspects which made the scaffold more challenging. With the paint work on the bridge in need of stripping back to bare metal and repainting, the lead in the old paint was a real issue to the waterway below. The combination of shrink wrap cladding to the scaffold and a layer of steel decks covered with polythene sheeting topped with 18mm marine plywood ensured there would be no contamination to the canal.

With this project in mind Grenrose recently arranged to carry out the necessary training for their key operatives in two new areas.

*“To resolve these issues we used two processes to help us complete the project safely and successfully.”*

## 1. SHRINKWRAP

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Tufcoat scaffold wrap is heat shrunk ‘drum tight’ around scaffolding which eliminates the problem of detached sheets and emergency repairs. In addition, because individual sheets are heat welded, Tufcoat eliminates the holes or gaps associated with traditional types of reinforced sheeting. From





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encapsulation to internal partitions, Tufcoat provides unbeatable environmental containment and weather protection.

## 2. SUSPENDED SCAFFOLD

The suspended scaffold was made simple with the help of an old supplier with a new product.

Accessing the bridge was always going to be a problem on this project, until we teamed up with an old trusted supplier Haki. Haki had recently invented a new system to aid with the installation of beam work. The Derrick system fits onto the



existing scaffold beam and this cantilevered system allows the scaffolder access 2.5 meters under the bridge, safely. With the use of these innovative products we were able to reduce the erection time by up to 40% of traditional tube and fitting.



**Tube Lines**

**Network Rail**



**Environment  
Agency**

This project was carried out by our Special Works Manager, Mr Alan Quorn. Should you wish to discuss any aspect of these works or to discuss an upcoming project of your own then please do not hesitate to contact him either by phone or by email.

**Alan Quorn**

**M: 07810 185903 | E: [alan@grenrose.co.uk](mailto:alan@grenrose.co.uk)**



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**Environment  
Agency**

**Robert Quorn (MD)** E: [rjqquorn@grenrose.co.uk](mailto:rjqquorn@grenrose.co.uk)

**Alan Quorn (Special Works Manager)** M: 07810 185903 E: [alan@grenrose.co.uk](mailto:alan@grenrose.co.uk)

**David Phillips (Manager)** M: 07810 185901 E: [dphillips@grenrose.co.uk](mailto:dphillips@grenrose.co.uk)



**T:** 01438 316380 / 813948 **E:** [enquiries@grenrose.co.uk](mailto:enquiries@grenrose.co.uk)

Grenrose Scaffolding Ltd, Grenrose House, Crompton Road, Stevenage, Hertfordshire SG1 2EE

[www.grenrose.co.uk](http://www.grenrose.co.uk)