

**ROTHERHITHE NEW ROAD  
LONDON**

**WORKING PILING PLATFORM/SOIL STABILISATION**

**Product: Maccaferri MacTex W1**

**Problem**

Telford Homes has bought Rotherhithe New Road site for £19 million. This site development will include a new home for Southwark Free School and a sixth form centre for the City of London Academy. The project could be completed in 2018.

A pile foundation is required for these buildings on soft clay material.

**Solution**

In order to create a reinforced piling mat the contractor was looking for an engineering solution with a geosynthetic product, able to reinforce and reduce the thickness of the traditional granular working platform.

MacTex W1 4S was chosen by the contractor as a preferable option instead of using extruded polymeric geogrids.

This woven polypropylene (PP) geotextile provide separation and reinforcement all in one product.

The high resistance against construction and environmental damage provided by the MacTex W1 geotextile has guaranteed the right performance during the construction of the granular piling mat and the installation of the pile foundation.

The MacTex W1 has high tensile strength (up to 100kN/m) for short and long term application. This product will offer high resistance against damaging and environment.



During Construction



During Construction



MacTex W1 - Polypropylene Woven Gtx

Client:

TELFORD HOMES

Contractor:

OAKWOOD PLANT GROUP - OAKWOOD DEMOLITION

Products used:

11,960 sqm MACTEX W1 4S

Date of construction

APRIL 2015

**Maccaferri Ltd:**

Building 168, Harwell Campus, Didcot, OX11 0QT  
T: (+44) 1865 770555

**Rep of Ireland:**

T: (+353) 18851662 [www.geostrong.net](http://www.geostrong.net)

**Specialist areas:**

Sales:  
Technical:  
Construction:

[www.maccaferri.com/uk](http://www.maccaferri.com/uk)

E: sales.uk@maccaferri.com  
E: technical.uk@maccaferri.com  
E: construction.uk@maccaferri.com

