Wood Wharf

London, United Kingdom

Wood Wharf Ansicht

Type of building:
Office building

Clients and Developers:
Canary Wharf Group,
https://group.canarywharf.com/

Architect:
Allies and Morrison Architects,
http://www.alliesandmorrison.com/

Building contractor:
O'Halloran & O'Brien Ltd,
http://www.ohob.com/

Completion:
2023

Project link:
https://group.canarywharf.com/portfolio/wood-wharf/

MAX FRANK supplied Stremaform® concrete jointing system to Canary Wharf's new district. The use of Stremaform® enabled significant time and cost advantages to be achieved on-site.

Extending to 23 acres, the Wood Wharf project represents one of central London's largest privately owned development sites and is recognised as being of major importance on a local, national and international level.

Project Architects include; Allies and Morrison, Darling Associates, KPF, Herzog & de Meuron, Stanton Williams Architects, Grid Architects, and Patel Taylor.

Canary Wharf's new district, Wood Wharf, has been designed by Allies and Morrison Architects and they have created a strong and complementary design, providing; mixed-use development, commercial offices, retail space, housing and inter-connected public space.

The 1st phase includes Plot G3, constructed by O'Halloran & O'Brien, where MAX FRANK supplied Stremaform®.

Stremaform® is a proven concrete to concrete jointing system which enables the Contractor to pour a sequence of concrete pours, whilst attaining an established concrete bond throughout the joint - ultimately reducing the construction period.

The "self-supporting" solution comprised the following components:

- **Stremaform® Strong** - Stremaform® mesh with girder

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stiffening
- **Stremafix® Anchors** - to increase concrete pour rates
- **Stremaform® Spacers** - offer a technical solution to capture grout during the concrete pour

Erika Simionescu (O'Halloran & O'Brien Ltd) provided all of the necessary structural information relating to the proposed 2m deep stop-end and pour sequence for the Building G3 basement slab. The slab construction had the added complexity of heavy, congested reinforcement with numerous layers in a confined working space. MAX FRANK's design team assessed all of the supplied joint information and determined that the "Stremaform® Strong" system with Stremafix® anchors was required. Stremaform® enabled O'Halloran & O'Brien to achieve a proven concrete bond to the next concrete pour - an easy installation in a technically tricky working environment - and was able to withstand pour pressures of 38kN/m2 without the need of any additional propping.

Maksymilian Jarusewicz (O'Halloran & O'Brien Ltd) and his team, commented that the Stremaform® proved to be 6 times faster to install than other systems on the market and it was a solution that the O'Halloran & O'Brien team would definitely use again on future projects.

The tailor-made Stremaform® system was delivered to site in less than 2 weeks from order.

The construction of any concrete joint is simplified by using Stremaform® self-supporting permanent jointing system – the process is thus accelerated allowing significant time and cost advantages to be achieved on-site.

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BUILDING COMMON GROUND MAX FRANK®

Products used:

Stay-in-place formwork for working joints Stremaform®

Stay-in-place formwork for working joints Stremaform®

Wood Wharf preview
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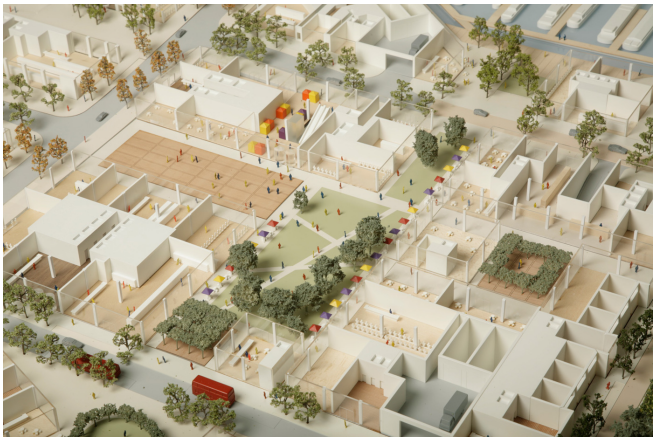
Wood Wharf, London, E14
© Allies and Morrison Architects (Architect's Impression)



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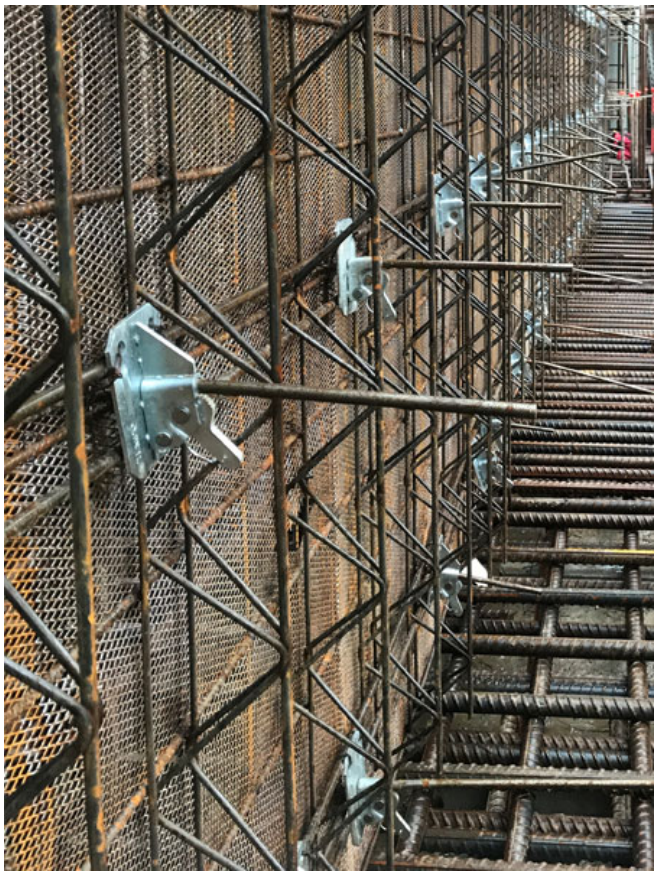

Stremafix® Anchors
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Stremaform® Day Joint Solution
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