

# Greenwich Square

London



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## MAX FRANK supplied Shearail® to combat 'punching shear' on this new, mixed-use residential development.

Greenwich Square is a new mixed-use residential development, providing over 680 modern new homes, at the former Greenwich District Hospital site in East Greenwich. The project involves 8 funding partners, incorporating £250m gross development value. The scheme encompasses the building of sustainable new homes and creating a new community hub through a high-quality, designed approach. MAX FRANK supplied Shearail® punching shear reinforcement to this project.

The weight of a concrete slab, supported directly onto a column, can result in concentrated localised shear stresses causing the slab to 'punch' through the column below. As an established and certified prefabricated system for flat, piled and post-tensioned slabs, MAX FRANK Shearail® increases the shear resistance of the slab and safely transfers the shear load from the slab to the column.

### Shearail®:

- is the **ONLY** punching shear system on the market approved by **BBA & CARES**
- significantly improves **shear resistance**
- provides **positive end-anchorage** with almost zero risk of slippage
- saves on labour costs thanks to **fast installation**
- enables **straight-forward** design and detailing
- is **fully compliant** with EC2 & BS 8110

As a pre-fabricated system, Shearail® is designed to increase construction speed, improve build quality and reduce dependency on skilled labour – significantly reducing on-site costs when compared to traditional loose links. The product provides Engineers and

#### Type of building:

#### Clients and Developers:

**Engineers/ Specialist Planners:**  
Walsh Associates

**Building contractor:**  
Main Contractor: Mace Group  
R C Frame Contractor: J Coffey Construction

**Completion:**  
2020

**Project link:**  
<https://www.macegroup.com/projects/greenwich-square>

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Contractors with the assurance that the material is from a traceable source and has been independently tested and verified for use in concrete floors in accordance with BS EN 1992-1-1 (EC2) and BS 8110 standards.

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## Products used:



Punching shear reinforcement  
Shearail®



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