

Post Tensioning, New Street Square - London



The post tensioning system allows for thinner slabs and larger floor spans...

Post-Tensioning system brings benefits at a major new city centre development

After a period of detailed negotiations, Balvac was awarded the sub-contract to install a bonded post tensioning system to three buildings in the New Street Square development, London, for client Byrne Brothers.

On completion, Balvac will have installed over 370 tonnes of strand to the floor slabs of three multi storey buildings.

This project is a typical example of the use of post tensioning to achieve more efficient structures:

- The post tensioned slabs have spans of up to 10 metres and yet have flat soffits - very beneficial to the client and the services engineer.
- On many city centre buildings the thinner slabs achieved by using post tensioning enable more floors to be fitted into the height available.

Client
Main Contractor
Lead Consultant
PT Slab Designer
Value
Programme

Byrne Brothers
Sir Robert McAlpine
Pell Frischman
Walsh Associates
£1.4m
Feb 06 - Nov 06

This is Balvac's third major post tensioning contract with Byrne Brothers, and continues the good relationship that has been built.

Balvac offers a full range of systems for bonded and unbonded tendons, suitable for a variety of structures including buildings, bridges, and circular structures.

Balvac is a member of the Post Tensioning Association and our systems are CARES approved.

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