

CIVIC CAMPUS SCHEME WEST KING STREET

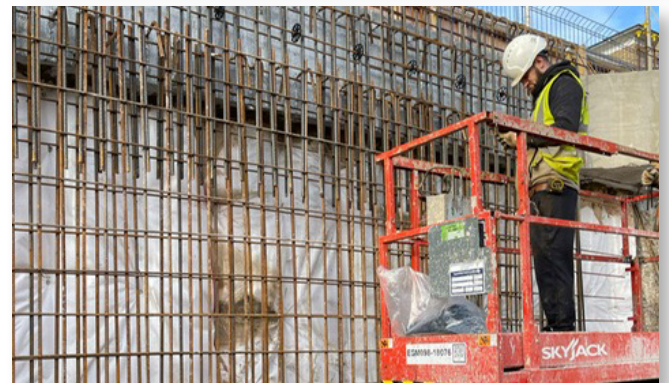
The Civic Campus is a dynamic urban development project in Hammersmith, featuring cinema, cafes, shops and restaurants, plus 204 affordable homes.

THE CHALLENGE

- During a large basement construction project, the client faced two main challenges, both commercially and operationally.
- Issues involved the common problem of concrete compaction at the liner wall to the underside of the capping beam. The challenge was the substantial volume of waterproof concrete needed for the entire extent of the capping beam, which seemed necessary for value engineering.

THE SOLUTION

- Premcrete offered a solution that effectively addressed both challenges. By collaborating with the structural engineer, they redesigned the liner wall to be cast in front of the capping beam, instead of underneath it.
- This change meant that the 200mm liner wall was formed with waterproof concrete, thereby eliminating the need for waterproof concrete within the capping beam.
- Consequently, casting the liner wall in front also resolved the issue of concrete compaction at the underside of the capping beam.



COMPANIES INVOLVED:

- Architect: Rogers Stirk Harbour + Partners
- Structural Engineer: Bully De'Ath Consultants
- Main Contractor: Ardmore
- Groundworks Contractor: JB Structures

SYSTEM INSTALLED:

Type A

Maxiprufe Plus

Type B

Hydroseal FX