

# CASE STUDY

## University of East London



Figure 1 The scaffolded exterior of the Main Building

### Project description

The University of East London has two campus locations, Docklands and Stratford. The older Stratford site had a multi storey concrete clad building at the heart of a tight campus site. The insulation levels fell way short of today's energy efficient needs. Disruption to the use of the building and the site in general had to be kept to an absolute minimum.

### Challenges

The insulation of lower masonry walls with the proven Walltite system was not an issue. The 300mm cavities within the concrete bands of the 1970s tower could not be insulated cost effectively with the same system, also there would be a risk of the "hung in situ" panels moving with the dense closed cell foam injection.

In addition, to avoid disruption to the students, the works had to be undertaken when the campus was quiet.

### The solution

BASF Walltite Closed cell foam was specified for the lower masonry walls with BASF Elastopour open cell cavity foam for the concrete bands.

### Project data

The Project: University of East London, Stratford

Main Contractor: Kirkman & Jourdain Ltd

Sprayfoam Contractor: Spray Foam Solutions Ltd  
Scope of Project: To inject BASF Walltite Cavity foam to the lower masonry walls with a 50mm cavity. Also to inject BASF Elastopour open cell foam to the 300mm wide cavities within the upper concrete bands of the 6 storey building at the Universities Stratford campus.

Area: 500 m<sup>2</sup>

Year Completed: Summer 2017

### Client quote

We needed a contractor with a proven track record that could work weekends to allow the University to operate throughout the week. We approached BASF and they recommended SFS Ltd. The install was completed slightly ahead of schedule with no problems.



Figure 2 Martin Injecting Walltite to the lower masonry cavity

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