

CASE STUDY

Kings College Hospital



Figure 1 The scaffolded exterior of the Management Building

Project description

The Critical Care Unit is being constructed directly above the existing ccu. The construction called for a concrete suspended floor above to house the plant room. Insulation had to be installed from below as the machinery above would crush conventional insulation. It also needed to self-support and be quick to install.

Challenges

The construction site is over the existing critical care unit and located within a tight site in the heart of London.

Due to the accelerated build schedule there are many contractors trying to occupy the same small site, with space for material, tools and equipment storage at a premium.

The solution

BASF Walltite Closed cell foam was specified. Sprayed directly to the under side of the Comflor soffit above. To bring the class 1 foam down to class 0 an intumescent coating would need to be applied.

Project data

The Project: Kings College Hospital,
Critical Care Unit, Denmark Hill, London

Main Contractor: McLaughlin & Harvey Ltd

Sprayfoam Contractor: Spray Foam Solutions Ltd
Scope Of Project: To spray a 155mm coat of BASF Walltite to the under side of a comflor steel soffit and to apply an intumescent coat to give class 0 Fire rating

Area: 1800 m²

Year Completed: Summer 2017

Client quote

We work to a high standard, with speed and efficiency coupled with a robust approach to Health and Safety. The spray foam installation was completed on time by competent staff who were happy to comply with our strict health and safety policy. We wouldn't hesitate to use SFS Ltd on future projects requiring spray foam.

Product Used: BASF Walltite CL100



Figure 2 155mm Walltite with white intumescent coating.

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