

CASE STUDY



THOMPSON GARDENS MANOR ROAD, SMETHWICK, BIRMINGHAM

This tired high rise block of 89 flats, based in a prominent position on high ground in Smethwick, has recently undergone an amazing transformation, after a WBS Insulated Render System was installed by M.P.G. Facades.

BM3 Architecture, who acted on behalf of the client Sandwell Homes, required a system that would offer not only an aesthetically pleasing solution to the flats but moreover a system that would ultimately offer a sustainable, insulated, weatherproof coating with a guaranteed lifespan of 30 years. These flats were originally built of traditional brick & block with cavity walls, and were notoriously difficult to heat.

The solution agreed upon was the WBS Silicone Insulated Render System, incorporating Mineral Fibre Insulation.

80mm mineral fibre insulation was used on this particular project, which not only offered sufficient thermal properties to reduce the buildings U-Value to 0.35W/m²K, but which also offered the building increased protection in the event of a fire.

Basecoat, primer and a 1.5mm silicone texture, in two striking colours, was then applied to the face of the insulation to encapsulate the insulation and provide a crisp, clean finish.

Many of the residents have commented on how pleasing the block now is to live in and are very enthusiastic at how warm the flats have become, as they have been able to turn their heating down, and in some cases off, much earlier than they have been able to in past years.



Client: Sandwell Homes
Specifier: BM3 Architecture Ltd
Partnering Contractor: Connaught Partnerships Ltd
System Installer: MPG Facades Ltd

