

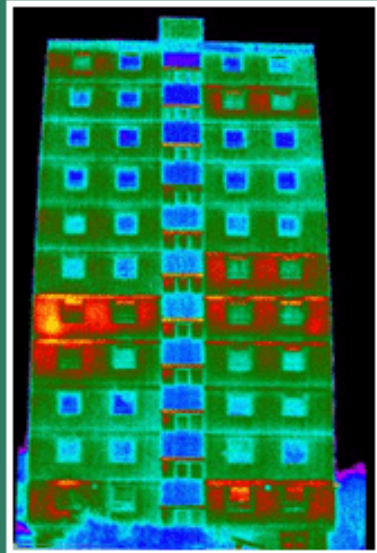
CASE STUDY

PROJECT: BRINNINGTON HIGHRISES, STOCKPORT

Client: Stockport Homes
Main Contractor: G&J Seddons Ltd
Applicator: Skyline Construction Services Ltd



before



This particular 12 storey block situated on a residential housing estate in Brinnington, Stockport, was just one of seven in total that the client Stockport Homes felt were starting to look old and tired and were in desperate need of thermal and aesthetic upgrading.

As can clearly be seen from our infrared 'before' shot, the amount of heat loss prior to the application of a suitable EWI system is quite astonishing and it is very easy to identify which of the tenants within the block had their heating turned on at the time the photo was taken.

In collaboration with the system installers Skyline Construction Services Limited, one of WBS's hardwearing, weatherproof External Wall Insulation System was applied to the external façade. This consisted of 60mm of phenolic insulation, which was mechanically fixed to the substrate and thereafter a WBS polymer dashing mortar and a WBS dry dash finish was used in two contrasting colours to form a decorative feature.

The utilisation of this WBS system improved the insulation u-values from **1.43 W/m²K** to just **0.21 W/m²K** and water ingress and dampness were also eradicated.

The client on this project was highly delighted with the finished results. Not only has the aesthetic appearance been dramatically improved, but as you can see from the 'after' thermal imaging photo the amount of heat escape has now been drastically reduced, which will undoubtedly lead to a healthy reduction in heating bills and carbon emissions both now and in years to come.



after

