CASE STUDY

Stoney Knoll & Gloverfield

Scheme: **Stoney Knoll & Gloverfield**

Client: **Salix Homes**

Value: **£1,171,341**

Duration: 32 weeks

Client Contact: **Alan Edge**

Salix Homes

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Stoney Knoll and Gloverfield are 3 storey blocks of flats in Salford. Built in 1960s There are 54 tenanted flats in two blocks, 18 in Gloverfield and 36 in Stoney Knoll

The block is managed by Salix Homes.

Scope of works

Complete refurbishment, internal and external works that included:

External works

- **New insulated render system**
- **New windows**
- **New Insulated roof**
- **Environmental works**
- **New Eco wood bin store doors**

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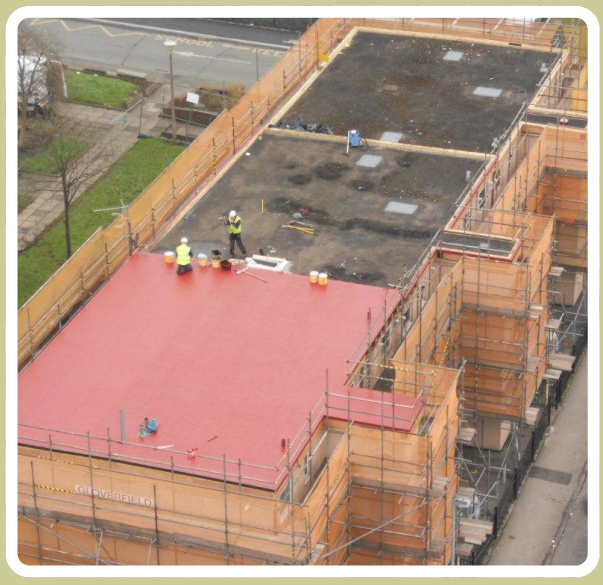

The flat roofing system was designed by Sika and consisted of 130mm of PIR insulation board covered by a decothane roof membrane.

Before and after: with a bespoke cable GRP trunking and insulated render

Key features of the project

The major refurbishment works were carried out with residents in situ throughout.

Prior to works starting, scaffold was erected around the whole block. The scaffold would be in place throughout the extensive programme of external works, and residents were consulted about the affect the scaffold would have on car parking spaces, some of which were taken up to accommodate the scaffold. Our compound area and skips were also located in the car park.

The flat roofing system was designed by Sika and consisted of 130mm of PIR insulation board being laid onto the existing roof structure before being covered by a cold applied decothane roof membrane. The system was installed without the need to remove the existing coverings so no leaks in the existing structure took place.

Following on from this we installed 3,000m^2 of 110mm Expanded polystyrene insulation to all the external walls using mechanical fixings and wet bedding. The walls were finished with ST Silkolitt silicone render in off-white with a rolled texture. The external wall system was designed by Alumasc.

One complication we encountered was the depth of the existing window cills. The new render system was 120mm thick so the existing cills had to be extended over the render. We devised a cill that was fitted at an angle so birds could not sit and roost on them.

Another challenge we encountered was the cable trays that went round all the blocks, which contained security camera, CCTV, door entry, cable TV and other various cables. They looked unsightly and had trailed in parts due to poor maintenance. Access is needed to these cables so we designed a GRP trunking with a colour matched removable lid that could be applied and removed, in parts as necessary. This trunking made a marked improvement to the appearance of the block.