



Roof refurbishment

Victorian Residences, Matthew Allen Properties, Stoke Newington

Architects P5 Architects, London

Contractor Kingsbury Construction

Construction 1874-1875, refurbishment 2009-2014

FOAMGLAS® application Roof, FOAMGLAS® TAPERED, T4+

Finish Asphalt

Leading up to the 1870's London had an extreme housing shortage. Local builder Matthew Allen was granted permission for a new housing scheme in Manor and Bethune Roads, Stoke Newington.

Allen's approach was a completely new; he successfully introduced the concept of a single architecturally pleasing building; divided into a series of apartments; each with its own private entrance. In 1875 Building News magazine praised Allen's buildings for their vista, economy, internal arrangements, ventilation, physical and acoustic privacy. The RIBA said "Mr Allen has successfully solved the difficult problem of providing affordable private housing with a pleasing exterior".

P5 Architects and Kingsbury Construction have now almost completed the full refurbishment and interior modernisation of these buildings.

Waterproofed with asphalt, the flat roofs and balconies are visually the same. To reduce weight upon the 140 year old structure bespoke manufactured TAPERED FOAMGLAS® insulation replaces the original concrete screeds; ensuring the roofs shed water and are fully walkable for easy maintenance. With excellent thermal performance and proven long term reliability, FOAMGLAS® insulation ensures Mr Allen's properties will remain comfortable and energy efficient for today's residents and future generations.

Proven performance and energy efficient, FOAMGLAS® TAPERED insulation

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Build-up

- 1 Concrete roof deck
- 2 Primer coat
- 3 FOAMGLAS® slabs or
- 4 FOAMGLAS® TAPERED slabs, laid in hot bitumen
- 5 Asphalt waterproofing

