

# BAILEY STREET SHEFFIELD



STUDENT  
ACCOMMODATION



Located just an eight-minute walk from both Sheffield Hallam and Sheffield University, the new Bailey Street development boasts a high-end 220-bedroom student accommodation block.

A hub for student activity, the eight storey Bailey Street development boasts seven different room types incorporating facilities such as; ensuite bathrooms, gym, bike storage, laundry room and games room.

Sigmat were appointed by Yorkshire based Developer and Contractor Torsion to deliver the light gauge steel frame for the new student accommodation building. Managing the design, manufacture, assembly and installation, Sigmat delivered a complete source to site solution, pre-assembling the panels at their in-house Leeds Manufacturing Facility.

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“Engaging with Sigmat early on in the design process allowed us to take full advantage of the offsite manufacturing process, giving certainty in delivery of the frame and allowing us to accurately procure follow-on trades.

Sigmat managed their works extremely diligently and handed sections of their works over early.

By working in partnership, we were able to take advantage of this as we could plan for the follow-on trades to commence works earlier and take advantage of the great work carried out by Sigmat.

*Dan Spencer, CEO  
Torsion Group*

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PROJECT: BAILEY STREET  
CLIENT: TORSION GROUP  
LOCATION: SHEFFIELD



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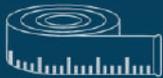
MEMBERS OF SIGMAT HOT  
ROLLED STEEL INSTALLED

10  
FLOORS

13,299

M2 OF DECKING  
INSTALLED

SIGMAT PANELS INSTALLED



6.3KM

88.5T

REINFORCEMENT  
INSTALLED

16  
STAIR LANDINGS  
INSTALLED

506

PLASTERBOARD  
PACKS

32

FLIGHTS OF STAIRS

1542 M3 OF CONCRETE



Comprising 8.5km of Sigmat panels, 191 hot rolled steel members, and 533m<sup>3</sup> concrete the project was completed two weeks ahead of programme.

Sigmat's Operations Manager John Ritchie commented "This is a great example of how offsite processes can really benefit construction on a busy city centre site facing various logistical restrictions. The speed of erection and programme surely demonstrates why light gauge steel is the fast-emerging solution of choice - not just for student accommodation, but also Hotel, Residential Apartment, Retirement Living/Care sectors too."

The £1.1m project also included the installation of steel staircases each comprising 12 flights and six half landings. In addition, Sigmat supported the installation of 315 bathroom pods and 367 plasterboard packs, aiding follow-on trades to commence their work early on in the project schedule.



Other notable statistics from the project include the installation of 4,600m<sup>2</sup> of decking, 32t of reinforcement and the roof structure which incorporated 598m<sup>2</sup> and 2.7t of cold rolled steel.

Early planning with Torsion enabled other trades to commence work sooner, facilitating early completion and increasing profitability for the client.

Planning for and achieving these goals demonstrates the versatility of the Sigmat Light Gauge Steel Frame system, and the important role offsite construction has to play.

**sigmat**

LIGHT GAUGE STEEL FRAMING

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