

Manchester Metropolitan University Students Union

Manchester



Metal Technology Limited

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The external façade of Manchester Metropolitan University's Student Union building was the outstanding point which led to a 2015 RIBA Award.

The design called for visual impact and high performance from the complete glazing package. Metal Technology's System 10 commercial doors, System 5-20D Hi+ thermally broken doors and System 17 capped high rise curtain walling products were used to help create the aesthetic while achieving the required level of thermal performance.

System 17 Curtain Walling not only provides structural integrity with high levels of thermal and weather performance but offers limitless flexibility in specification. With a wide range of structural mullions, transoms and feature caps or the option of silicone pointing, System 17 can meet the visual and performance requirements for any building, from the smallest screen to expansive glazing applications.

The System 5-20D Hi+ High Performance Thermally Enhanced Door is part of Metal technology's THERMAL suite of systems that also provide high levels of structural integrity, weather performance, and security. This suite of systems utilizes bespoke thermal gaskets, cellular foams and polyamide thermal isolators, all of which help achieve impressively low U values.

Commenting on the new build project situated on Higher Cambridge Street and designed by Feilden Clegg Bradley Studio, the RIBA judges said:

'Textural expression is one of precision with an ordered differentiation between the mechanical pattern of the German brick faced pre-cast system and the simple vertical glazing slots. It was this aspect of the design that caught the attention of the shortlisting panel, with the quality of detailing confirmed during the jury visit.'

The judges also commented specifically on the quality and aesthetics of the door hardware and hinges used.

Architect

Feilden Clegg Bradley Studio

Client

Manchester Metropolitan University

Main Contractor

Miller Construction

Systems Used

System 17 capped high rise curtain walling

System 10 commercial doors

System 5-20D Hi+ thermally broken doors

THERMAL™



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