

Ravatherm XPS X ULTRA 300 SL specified for £50 million Mayfair development

The challenge

Led by global construction company ISG, the project is set to offer 80 new apartments as part of a multi-level development linked to the 5-star Mandarin Oriental Hotel, offering residents access to exclusive hotel facilities that include a spa, 25m indoor swimming pool, and a rooftop bar overlooking Mayfair.

The solution

1200m² of Ravatherm XPS X ULTRA 300 SL was selected by flat roof insulation specialists Quantum Insulation, keeping in mind that leading roofing company, BriggsAmasco, needed to attain a U-value of 0.12 – a requirement easily met by ULTRA 300 SL.

Ravago Building Solution's BBA certified ultra-thin high-performance extruded polystyrene (XPS) thermal insulation boards has been delivered to 22 Hanover Square, in Mayfair, London, as part of a £50 million project to deliver a new collection of luxury residences.

The results

Ravatherm XPS X ULTRA 300 SL is a thermal insulation product designed for inverted flat roofs, offering architects and specifiers the thinnest XPS insulation with a design lambda of 0.028 and declared lambda 0.027 W/mK for the whole thickness range from 70 to 205mm.

Richard Powell, Roofing Sales Manager, Ravago Building Solutions, added: "Having provided solutions for similar projects in the past, we were confident in meeting both technical and logistical requirements, ensuring the client received timely and safe delivery of the product. We look forward to seeing the final outcome of the development next year".

Customer feedback

Paul Davies, Director, Quantum Insulation, said: "*Ravatherm XPS X ULTRA 300 SL is the thinnest insulation of its kind, and so presented the ideal solution for this demanding specification. Alongside their product, Ravago offer high-level expertise and superb customer service, both of which were equally vital in getting the insulation from cradle to gate as smoothly as possible*".

Tony Lawther, Operations Director, BriggsAmasco, said: "*This project came with added logistical challenges, which Ravago were able to overcome with reassuring expertise, anticipating our needs and ensuring on-time Saturday delivery to a quiet site*".

Mayfair, United Kingdom

Industry Commercial construction

Application Roofing

Products used Ravatherm XPS X ULTRA 300 SL

Year completed 2022

Client ISG Ltd

Architect Rogers Stirk Harbour & Partners

Location Hanover Square, London

