

Promat TL Board[®] provides exceptional insulation to Winnersh Triangle

Promat UK has supplied its Promat TL Board[®] range of thermal upgrading solutions to help achieve exceptional thermal insulation performance for building envelopes at the new Winnersh Triangle project.

The £200m development is being project managed by Wates Group and will eventually provide over 2 million square feet of office, leisure and retail space, including a 4 star Holiday Inn hotel. The underground car park level of the hotel has been insulated with 86mm thick Promat TL Board[®] which is installed to the underside of the concrete decks. On completion the site will provide 1500 parking spaces, all at underground level.

Promat TL Board[®] is a calcium silicate board, bonded to phenolic insulation and is designed to be fixed to the underside of concrete floors, achieving U-values of 0.20W/m²K or better. Promat TL Board[®] can be fitted to the underside of a floor or to a supporting framework where the surface is uneven or otherwise unsuitable.

There is an increasing requirement for the thermal upgrading of semi-exposed concrete decks both in the conversion and refurbishment of existing buildings and in new build constructions. Site developers Segro Plc are targeting carbon reductions of 40% below those associated with an equivalent building designed to 2006 Part L standards.

Graeme Waugh of specialist sub-contractor GSI Contract Services commented, "As well as the functional benefits of Promat TL Board[®], these systems provide excellent design aesthetics and are easy to install and maintain. Promat Sales and Technical advisors have been on hand throughout to advise us on the system design and installation."

Promat TL Board[®] is BBA certified (Agrément Certificate 09/4646) and does not use CFC's or HCFC's. It has a Global Warming Potential (GWP) of less than 5 and therefore benefits from an enhanced BREEAM rating.

ENDS - 297 WORDS

Editors' Notes

Promat UK Limited is the UK's only dedicated manufacturer of passive fire protection products and systems. Promat's product portfolio includes high performance calcium silicate boards Promat SUPALUX[®], Promat MASTERBOARD[®] and Promat VERMICULUX[®], as well as the Promat PROMASEAL[®] range of fire-stopping products.

The company is renowned for its technical expertise and draws upon the resources of a worldwide research and development network and over 50 years experience in passive fire protection. Promat is subsidiary of Etex, the Belgian building materials group present in over 40 countries.

Issued on behalf of:



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On completion the new Winnersh Triangle development will provide over 2 million square feet of office, leisure and retail space



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