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Promat TL Board[®] helps keeps patients warm at Caerphilly Hospital

Promat UK has supplied a thermal upgrading solution to help achieve exceptional insulation performance for a new hospital in Wales. The location of the new 276-bed Caerphilly Hospital on a reclaimed flood plain means that the entire structure is elevated by one floor, leaving the ground floor as undercover car parking. This is where over 18,000m² of Promat TL Board[®] has been installed to the undercroft, to help achieve a thermal performance of 0.20W/m²K for the ground-floor car park area.

Promat TL Board[®] is a calcium silicate board, bonded to phenolic insulation and is designed to be fixed to the underside of concrete floors or decks to improve their thermal performance.

The insulation system for Caerphilly Hospital was designed and installed by Avalon Insulation Services. "As well as the functional benefits of Promat TL Board[®], this system provides excellent design aesthetics and is easy to install and maintain," comments Avalon's Mike Callan. "Promat's Sales and Technical advisors have also 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 CFCs or HCFCs. It has a Global Warming Potential (GWP) of less than 5 and therefore benefits from an enhanced BREEAM rating.



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The new 276-bed Ysbyty Ystrad Fawr hospital will replace the existing Caerphilly Miners Hospital and other community facilities in the area. Once complete it will become the UK's first ever, 100% single-room hospital.

BAM Construction was selected as Supply Chain Partner for the design and construction of this project.

Picture Caption: Promat UK has supplied a thermal upgrading solution to help achieve exceptional insulation performance for the new Caerphilly Hospital in Wales. Over 18,000m² of Promat TL Board[®] was installed to an undercroft, to help achieve a thermal performance of 0.20W/m²K for the ground-floor car park area.

ENDS - 255 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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