



## ECOTHERM HELPS REJUVENATE ESTATE

The excellent thermal performance of Eco-Bond flat roof insulation from EcoTherm has been utilised in a £30 million scheme to revitalise a former council estate in Mile End, London.

The Bede Estate was purchased by social landlords EastendHomes in 2005 and the firm worked together with developers Telford Homes and ECD Architects to produce a new estate master plan. The work focused on the construction of twenty five infill blocks, offering a range of new housing options and helping to reshape the estate, creating space for play areas and pedestrian routes.

EcoTherm Eco-Bond was specified as part of the warm roof build-ups on nine of the new infill blocks, helping them to meet the desired U-value of 0.20 W/m<sup>2</sup>.K with a far thinner solution than some traditional insulation materials would've allowed. AMR Specialist Systems installed the 110 mm thick Eco-Bond which was mechanically fixed to the roof deck and waterproofed using a cold applied liquid system.

Martin Rippe, Quantity Surveyor from AMR Specialist Systems commented: "The new blocks at the Bede Estate featured both cement and timber decks and we knew EcoTherm Eco-Bond would provide a lightweight insulation solution which could be simply installed on both decks whilst also meeting the high standards of thermal performance required for this project".

Faced on both sides with mineral coated glass fibre tissue, EcoTherm Eco-Bond is also suitable for metal deck applications and can be installed under fully adhered or mechanically fixed waterproof membranes. The product corresponds to the BRE Green Guide generic PIR insulation specification which achieves a summary Green Guide rating of A. As with all EcoTherm rigid insulation products, Eco-Bond is manufactured from a blowing agent that is CFC/HCFC free and is produced in the UK to the highest standards, under a management system certified to ISO 9001, ISO 14001 and BS OHSAS 18001.

In addition to the new infill blocks, Telford Homes have also overseen the refurbishment of the twenty nine existing blocks on the estate, implementing an on-site recycling system and improving security by replacing stair cores with entrance lobbies and reducing access to high level walkways.

Eco-Bond is just one of the insulation boards available in EcoTherm's flat roof range which are suitable for a variety of applications including mechanically fixed, single ply adhered and hot applied roofing systems. Visit [www.ecotherm.co.uk](http://www.ecotherm.co.uk) for more

information on the EcoTherm's insulation boards or to obtain U-values 24/7 with their online U-value calculator.

For further information please contact:

Tel: 01702 520166

email: [technical@ecotherm.co.uk](mailto:technical@ecotherm.co.uk)

Website: <http://www.ecotherm.co.uk>



*EcoTherm Eco-Bond has been installed on the roof of nine new blocks on an estate in Mile End, London.*



