

News from Kingspan

Date	Number	Contact	Tel: 01625 429522
14.09.09	SG/KII 355	Jill Smith	Fax: 01625 619202

KINGSPAN INSULATION REFURBISHES TO THE EXTREME

A number of insulation products from Kingspan Insulation helped the Hyde group, a leading provider of affordable housing, to achieve massive CO₂ reductions during an experimental refurbishment project.

Hyde Housing Association worked with ECD Architects and Mears Group on this project with an overall aim of reducing the CO₂ emissions of the property by 80%. The chosen property was a three-bedroom mid-terrace dwelling in Mottingham which was selected as it is typical of much of Hyde's existing stock.

One of the main priorities in achieving the 80% reduction was to minimise heat losses from the building fabric and this was addressed through improved insulation to floors, walls and roof.

Mears Group specified Kingspan Insulation's Kooltherm K5 External Wall Board for the two exposed walls of the rear extension, as well as Kingspan Kooltherm K17 Insulated Plasterboard for all the remaining internal walls, with Thermafloor TF70 and Thermapitch TP10 also being used.

Paul Kellaway, Commercial Manager for Mears Group said "As a preferred supply chain partner for the Mears Group, Kingspan have previously been assessed by us on service value and performance, and for this particular project we looked carefully at the performance of each of the products which were deemed to achieve the required specified results."

He added "Kingspan, through its product range, ensured that the very high carbon reduction target of 80% set by the client was achieved."

Hyde Sustainability Co-ordinator, Susie Ward said "We are thrilled with the overall results of the project, which saw emissions reduced by the property by as much as 80 per cent, resulting in a greener home and reduced energy bills for residents."

Kingspan Kooltherm K5 External Wall Board is a premium performance insulation board, designed for use behind traditional and lightweight polymer modified renders and has a Class O / Low Risk fire rated insulation core and negligible smoke obscuration. The product is also unaffected by air infiltration and is resistant to the passage of water vapour.

Kingspan's extensive range of premium performance Kooltherm insulation products for roofs, walls and floors now boasts a lambda value as low as 0.020 W/m.K, whilst that of the high performance Therma range is now as low as 0.022 W/m.K, helping to achieve desired U-values with amongst the thinnest of all commonly used insulation products.

Kingspan Insulation offers an extensive range of insulation solutions for both new build and refurbishment projects. Specifiers, stockists and contractors are supported with a comprehensive and free technical advisory service.

For further information please contact:

UK

Tel: +44 (0) 870 733 8333

Fax: +44 (0) 1544 387 299

e.mail: literature.uk@insulation.kingspan.com

Website: www.insulation.kingspan.co.uk

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Prepared by: Smith Goodfellow Limited, Macclesfield, Cheshire

Notes to Editors

A member of the fast-growing Kingspan Group plc, Kingspan Insulation produces the widest range of insulants available from any UK or Irish manufacturer. They are the market leader in the manufacture of rigid phenolic and rigid urethane insulation, and offer products for use in the industrial, commercial and housing sectors.

Kingspan Insulation Limited, Pembridge, Leominster, Herefordshire, HR6 9LA, info.uk@insulation.kingspan.com
Registered in England & Wales: No. 01882722, VAT GB428602456
Registered Office: Pembridge, Leominster, Herefordshire HR6 9LA, UK.



Kingspan Kooltherm K17 Insulated Plasterboard is just one of a number of insulation products from Kingspan Insulation that have been used during an experimental refurbishment project for Hyde Housing Association.