

## News from Kingspan



### **KINGSPAN KOOLTHERM FOR AFFORDABLE HOME OWNERSHIP DEVELOPMENT**

Kingspan Kooltherm K18 Insulated Dry-lining Board is a premium performance rigid phenolic insulation from market leaders, Kingspan Insulation and has been used in the refurbishment of four towers which have become affordable homes for first time buyers.

The towers, containing a total of 210 one, two and three bedroom apartments, have been transformed by developers LPC Living. The refurbishment is part of the company's £27m flagship Lakeside Development in Blackley near Manchester, which also includes 30 townhouses within mature, landscaped grounds.

Kingspan Kooltherm K18 Insulated Dry-lining Board, comprising

Kingspan Kooltherm K18 Insulated Dry-lining Board has been used during the refurbishment of four towers which have become affordable homes for first time buyers at the Lakeside Development in Blackley near Manchester.

CFC/HCFC-free rigid phenolic insulation with 12.5mm plasterboard facing, was used to insulate the apartments and provided several advantages for the developers and home-owners.

The front facing of the insulation is a tapered-edge, gypsum-based plasterboard, which readily accepts dry jointing materials, plaster skim or direct decoration and provides a simple, cost-effective solution for interior fit out and decoration.

The board's rigid phenolic core gives superior insulation performance with a thermal conductivity as low as 0.021 W/m·K. This allows the thinnest possible insulation board to be used in order to achieve required U-values; and causes minimum encroachment of room space, while providing potential energy savings for the home owner.

The insulation is manufactured to the highest standards (under a quality control system approved to BS EN ISO 9001: 2000) and achieves excellent fire ratings with a Class 0 / Low Risk rating for Building Regulations / Standards.

The development of Lakeside has been monitored closely by the National House Builders Council (NHBC); and use of high specification products such as Kooltherm has allowed LPC Living to offer a NHBC 10 year guarantee on every apartment.

Lakeside has been very popular with younger, first time buyers and few properties remain. LPC's commitment to innovative property development earned the company Housebuilder of the Year at the Housing Excellence Awards in 2006.