

# CASE STUDY: FEB 03

## KINGSPAN IS PART OF THE CLARION QUAY APARTMENTS SUCCESS STORY

Premium and high performance walling and roofing insulation products by Kingspan Insulation have played a major role in the success of the award winning Clarion Quay Apartments, a prestigious project at Excise Walk in Dublin's regenerated Dockland quarter.



The nine blocks totalling 184 stylish apartments with ground level retail facilities have been designed to meet the growing demand for high quality residential accommodation close to the vibrant heart of the city and its rapidly expanding financial district. In addition, the development is the only one of its kind in the area that provides an enviable river view frontage.

Completion of the final phase of the existing brick and Iroko timber clad complex designed by Urban Projects has been marked in impressive style with the Clarion Quay project receiving its latest accolade, a special mention in the prestigious 2002 Architectural Association of Ireland Awards.

Brian McGinn, of the main contractors Piersce contracting Ltd., said: "The use of quality materials throughout this project was crucial to its success. That is why Kingspan, with their fine track record for product performance and service, were chosen to supply the insulation."

Piersce Contracting installed approximately 25,000 square metres of 50 mm thick Kingspan **Thermawall** TW50 partial fill cavity wall insulation throughout the main structure.

Kingspan **Thermawall** TW50 is a BBA Approved high performance rigid urethane insulation product. The boards are resistance to the passage of water vapour and unaffected by air movement.

A total of 7,500 square metres of premium performance 30 mm thick Kooltherm K10 Soffit Board was chosen for the soffit lining application beneath the structural roofs throughout the project. Kooltherm K10, a rigid phenolic insulation product, achieves a thermal conductivity of 0.018 W/m.K as well as a Class O fire rating and negligible smoke emission.

In addition 5,000 square meters of **Thermarroof** TR21, a high performance rigid urethane insulant designed for flat roofs, was installed by Shamrock Asphalt Ltd beneath an IKO High Performance Torch-On Membrane.

As with all of Kingspan's thermal range, both rigid urethane products are now manufactured CFC and HCFC-free and have zero Ozone Depletion Potential (ODP) as standard. This has been achieved well ahead of the agreed date for the phase-out of HCFCs of January 1, 2004.

**DATE: 17.02.03**