



Project: Nagel Langdons Ltd, Motherwell  
Project Type: Distribution Centre, Refurbishment  
Products Used: UltraTemp, KS1100 CS



## Industrial

### Project Type:

Distribution Centre, Refurbishment

### Installer:

O. Turner Ltd

### Products Used:

- UltraTemp Wall and Ceiling Panel, KS1100 CS



## New High Performing Distribution Centre

5655m<sup>2</sup> of UltraTemp insulated wall and ceiling panels have been installed by O. Turner Ltd at the new Nagel Langdons distribution centre in Motherwell, Lanarkshire.

The recently-acquired site has been completely refurbished to provide a 54,000ft<sup>2</sup> warehouse facility, housing chilled and frozen chambers for the temperature controlled storage of food products.

With the chill store operating at +2°C and freezer running at -22°C, it was imperative that the new internal envelope delivered the highest levels of temperature control and thermal performance, and Kingspan's UltraTemp panels provided just that. Designed specifically for use within the food and drink industry, UltraTemp insulated wall and ceiling panels feature a high-performing, insurer approved PIR insulation core that will guarantee the maintenance of internal temperatures for Nagel Langdon's new Eurocentral Distribution Centre.

Paul Tilby, Project Manager for O. Turner Ltd commented: "UltraTemp panels proved the ideal choice for this refurbishment project, allowing us to install a high performing, hygienic and aesthetically-pleasing internal envelope for the new distribution centre, that was quick to install and will be easy for our client to maintain.

**...The freezer chamber has a ceiling height that ranges from 8m in the centre to 5.4m at the eaves, which proved challenging during the design stage. However, Kingspan's Controlled Environments team worked with us to deliver a curved ceiling solution, that maximises the pallet racking space, to accommodate racking for up to 1,500 pallets."**

UltraTemp insulated panels are completely bespoke and are available in a choice of six distinct profiles which can be applied both internally and externally, offering a range of aesthetics to suit project specific requirements. Nagel Langdons chose the Equi-Bead profile for both sides of their panels, with the recommended Kingspan CLEANSafe 25 coating. This coating provides a foodsafe polyester surface which, when combined with the unique castellated tongue and groove joint detail, ensures the insulated panels can withstand high pressure washing and regular cleaning, preventing water ingress and minimising potential bacteria growth.

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