

# CASE STUDY: MAY04/B

## KINGSPAN INSULATION UPDATE THEIR COMPLETE GUIDE TO KOOLDUCT ZERO ODP PRE-INSULATION DUCTING

Market leader Kingspan Insulation launched an update edition of the comprehensive 'two in one' guide to their revolutionary Kingspan Koolduct zero ODP System of pre-insulated ducting.



The convenient A4 sized 80-page brochure comprises two separate sections, one a Specification Manual and the other a Fabrication Manual, which together provide a specifier and installers with detailed but easy to read information about all aspects of the Kingspan Koolduct zero ODP System. It means that any information about the System can be sourced from a single publication, a considerable advantage over loose-leaf data, which may be easily misplaced.

The latest version reflects the fact that Kingspan Koolduct now has zero Ozone Depletion Potential (ODP) as standard in order to comply with the phase-out of HCFCs from rigid phenolic insulation products.

In addition the guide demonstrates in a clear and concise way how the Kingspan Koolduct zero ODP System can provide the most effective ducting solution and why it is increasingly being chosen by specifiers as an alternative to conventional sheet metal ducting.

As well as an impressive gallery of prestigious Koolduct projects in the United Kingdom, the literature contains a project specification, addresses important factors relating to the design of ventilation ducting systems and also includes comprehensive product data on the CFC/HCFC-free Kingspan Koolduct zero ODP rigid phenolic insulation panels. The guide also clarifies a wide range of important issues which affect the specification of insulation ducting such as BS 5422:2001 and NHS CO2.

Unlike traditional sheet metal ducting which needs to be lagged as a second operation, the Kingspan Koolduct zero ODP System provides a single fix fast track installation with no lagging required. In addition, because of its lightweight yet strong composition, the Kingspan Koolduct ODP System requires only a lightweight supporting system in comparison to the much heavier traditional sheet metal ducting.

Other benefits of the Kingspan Koolduct zero ODP System enhance its appeal to specifiers. The System's low level of air leakage and superior insulating properties can result in electrical consumption savings. With the Kingspan Koolduct zero ODP System, ventilation air flows over aluminium surfaces and does not have contact with any material containing loose fibres, making it ideal for high specification projects.

Rigid phenolic insulation offers several further advantages, including excellent fire resistance with negligible smoke emission and first class moisture resistance.

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