

KINGSPAN NEWS


Kingspan

THE NEWSLETTER OF KINGSPAN ACCESS FLOORS ISSUE 6 JANUARY 2012

NEW WEBSITE
www.kingspanaccessfloors.co.uk



NEW WEBSITE LAUNCHED

KINGSPAN ACCESS FLOORS HAS LAUNCHED A NEW WEBSITE PACKED WITH INFORMATION AND ADVICE THAT IS READILY AVAILABLE FOR ARCHITECTS, SPECIFIERS AND CONTRACTORS.

Kingspan Managing Director Terry Newman said: "The new website is much easier to use, enabling customers to easily learn more about our products and services and quickly download brochures, product datasheets and sample specifications.

"They can easily find out about aspects such as our Total System Warranty, our 'green' credentials, Health & Safety best practices and our considerable investment in R&D. We hope that anyone browsing this website will quickly see that Kingspan offers a package of product and service expertise that is unparalleled in the access flooring sector."

Downloads available on the new website include:

- Kingspan general brochures
- Product datasheets
- PSA and BSEN product tables
- Sample specifications for PSA and BSEN products
- Acoustideck technical information
- Standard details (PDFs and CAD drawings are available)
- Kingspan's newsletter
- The Kingspan LEED and BREEAM Guide

The website also features a comprehensive FAQ section, covering areas such as the types of access floor and range of finished floor heights available, site and maintenance requirements, life expectancy, governing

standards and acoustic performance. Visitors to the website can also keep informed about Kingspan's activities both in the UK and internationally by checking out our 'News' and 'Case Study' sections.

In recognition of the growing importance of environmental and Health & Safety considerations, Kingspan has made specific pages of the website available to these areas.

Environmental topics covered include our pioneering recycling scheme, our third party FSC Chain of Custody accreditation, and green initiatives on our Hull manufacturing site.

Our Health & Safety page outlines how we work with main contractors to achieve the best Health & Safety results on site, our site operations plan, awards and achievements, and Achilles accreditation.

ON THE RIGHT TRACK IN YORK



IN ITS LARGEST CONTRACT GAINED TO DATE, NORTHERN ACCESS FLOORS IS INSTALLING OVER 12,500M² OF KINGSPAN FLOORING IN A NEW CIVIC HEADQUARTERS AND CUSTOMER SERVICE CENTRE FOR YORK COUNCIL ON THE SITE OF A GRADE 2 LISTED FORMER RAILWAY STATION WITHIN THE WALLS OF THE HISTORIC CITY.

The project will retain original features of the railway station and also create a new building within the centre of the site. Kingspan has supplied 12,500m² of particleboard and steel encapsulated panels for the new-build element of the scheme and for areas of the former station which are being redeveloped.

About 25% of the flooring has been installed to date and the remainder is due to be completed by Spring 2012. Miller Construction are the main contractors for the project.

Northern Access Floors Director Steve Robson said: "The access flooring in the areas being redeveloped had to be installed over listed floorboards, so a low cost, fit-for-purpose flooring system was required and Kingspan's particleboard panels met those needs perfectly. The new build element of the project will have much more usage and the panels will be installed on concrete, so steel-encapsulated panels were specified there."

Northern Access Floors is a Kingspan partner contractor. Commenting on the relationship, Steve said: "In the current market a number of manufacturers have ceased trading but with Kingspan we get the stability from working with the world's largest access flooring company and this gives us the credibility of being able to offer customers a comprehensive product warranty."

NORTHERN ACCESS FLOORS HAS ALSO INSTALLED KINGSPAN FLOORING AT A DATA CENTRE IN LEEDS WHICH WAS BUILT BY SELECT ENGINEERING PROJECTS LTD.

Northern Access fitted 1200m² of FDEB 38 extra heavy flooring which met the brief of being strong enough to enable the data



TOP and ABOVE: Computer generated images of the York Council project. Visualisation by Smithdimes.

centre's large battery back up unit and air conditioning units to be moved into position on the floor. Steve said: "The client also wanted to make a feature of the underfloor communications cables that included LEDs and fibre optic cables, so we supplied a cluster of glass panels which provided the same loadings as the floor. The panels were constructed of multiple layers of glass to provide the strength required."

Data centres have become a business growth area for Northern Access Floors – the Leeds installation was the 10th data centre project to be carried out by the company in the past year.



The glass panels in the Leeds data centre.

northern
accessfloors

RISING TO THE CHALLENGE

THREE EXAMPLES OF HOW WE HAVE SOLVED PROBLEMS FOR CLIENTS



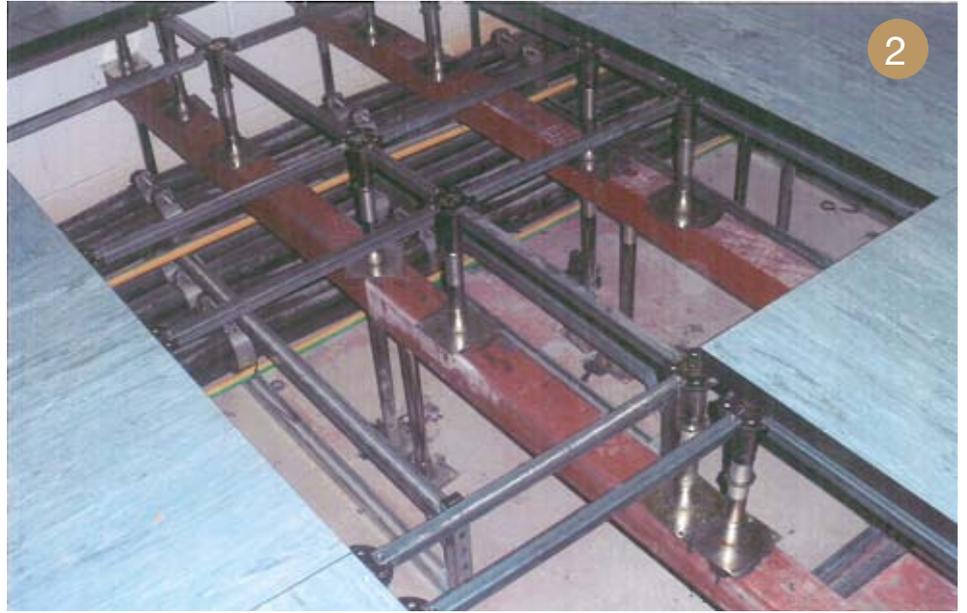
IN THE THREE EXAMPLES SHOWN ON THIS PAGE, KINGSPAN DEMONSTRATES HOW WE ADOPT A VERSATILE APPROACH TO DESIGN TO OVERCOME PROBLEMS FOR CLIENTS.

1 INCREASING USEABLE OFFICE SPACE

For this office project in London we were challenged by the client to overcome a problem associated with a varying perimeter cantilever over fire stopping and the curtain walling transom, and provide a fully compliant floor right up to the curtain walling glazing, rather than to the slab edge, so the client could increase net useable space.

The available void under the floor had to be able to take the required size of steelwork to ensure compliance with the specification in respect of loadings and allowable deflection.

The void was dictated by the curtain walling transom height and its allowable vertical movement. Low level steelwork utilising the strength of the slab along its length was not an option, so high level steelwork (on top of the pedestals) was the preferred option. Our solution was to design the detail around the size



of steelwork that would fit into the void and strengthen the steelwork to ensure compliance, whilst working to strict budgets. Rather than simply providing structural calculations to satisfy the client, we used our in-house testing facilities to test each cantilever design until the final solution was achieved. By using these facilities we were able to keep the design process costs to a minimum.

2 PROVIDING TIERED LEVELS OF ACCESS

In this major data centre project, the sheer volume of cabling, particularly power, and the need for future churn, meant that the raised access floor needed to be designed so that it provided open tiered levels of access for services.

To meet the needs of the client we designed and installed a tiered flooring system, with the final raised floor constructed over a structural steel understructure.

3 SHOWCASING A DATA CENTRE PROJECT

Following the very successful completion of a large data centre, we were asked

to find a solution to help the client showcase the project to potential tenants.

The client did not want the conventional glass panels often used in raised access flooring, so we discussed potential designs with a "blast resistant" glazing specialist.

Rather than produce a design around a standard glass product we jointly created glass panels with frames which were designed to specifically fit the Kingspan panels which were installed. The initial request was for five glass panels but the design was so well received that we have now installed 70 in various locations throughout the data centre.



FOCUS ON KINGSPAN'S JOINT VENTURE OPERATION IN SPAIN



SINCE THE 1990'S KINGSPAN ACCESS FLOORS TRADED IN SPAIN VIA A COMPANY KNOWN AS CFMEX AND IN 2001 THE TWO COMPANIES CAME TOGETHER IN A JOINT VENTURE TO FORM KINGSPAN SUELO TÉCNICO.

The directors of the two companies from its formation and right up until today include Carlos Mestre, Enrique Segura, Filipe Gomez and Kingspan Access Floors Managing Director Terry Newman.

As KST has grown and developed over the years it has become the market leader for high quality steel encapsulated raised flooring systems offering the entire range of Kingspan products.

The news of Spain's economic woes has not dented KST's performance and even in today's difficult conditions it remains the market leader in high quality systems.

Enrique Segura, Director de Grandes Cuentas for KST, has been at the forefront of raised access floors for many years. He said: "KST's decision to partner Kingspan was because of their desire to offer high quality systems with the satisfaction of knowing that the technical support provided by Kingspan and the peace of mind resulting from ISO 9002 Quality Assurance resulted in repeat orders from satisfied customers."

Many of KST's installations are for blue chip companies including property developers, technology specialists, banks and national government. Examples of three KST projects are:

PARQUE EMPRESARIAL TRIPARK

In Madrid KST installed 25,000m² of REG 600 flooring in all three buildings which comprise the Tripark project, developed by Hines, the international property, investment management and development company. The architects were Allende. This LEED certified project features buildings with thermal solar energy and photo voltaic collectors to reduce energy



Parque Empresarial Tripark.

consumption, protection against solar gain through the facade, flexible air conditioning and water saving installations.

MAHOU HEADQUARTERS

KST installed 10,000m² of REG 600 at the Mahou headquarters building of the San Miguel brewing company in Madrid. The architects were Galan-Lubashcer.



Mahou headquarters.

EDIFICIO PORTICO

Developed by Hines, this new office building in Madrid was conceived as a modern framed pavilion with a simple prismatic shape and a high quality exterior envelope. KST installed 15,000m² of REG 600 flooring.



Edificio Portico.

HOW TO CONTACT KINGSPAN

For more information about the articles in this newsletter or about Kingspan's access flooring ranges and services, you can:

- Telephone: 01482 781701
- Email: info@kingspanaccessfloors.co.uk
- Visit www.kingspanaccessfloors.co.uk

Kingspan Access Floors Ltd, Burma Drive,
Marfleet, Hull HU9 5SG



STOP PRESS

Kingspan has secured one of its biggest UAE orders of recent years. We are supplying 6,600m² of RG3 panels and euro pedestals to Al Nabooda Interiors for installation in the Blue Bay Tower, a 28-storey commercial building under construction in Dubai.