

KINGSPAN NEWS



THE NEWSLETTER OF KINGSPAN ACCESS FLOORS ISSUE 1 SUMMER 2010

PIONEERING RECYCLING SCHEME MAKES ITS MARK

KINGSPAN HAS BECOME THE ONLY ACCESS FLOORING MANUFACTURER IN THE UK TO LAUNCH A PIONEERING RECYCLING SCHEME TO REDUCE THE AMOUNT OF WASTE FOR LANDFILL THAT IS GENERATED BY THE INSTALLATION OF ACCESS FLOORS.

Under the scheme, Kingspan receives site returns of off-cut Kingspan panels from their customers. The steel and chipboard in the off-cuts are then separated in a £250,000 shredder at the Hull site and then recycled so they can be put back into the manufacturing process.

Terry Newman, Managing Director of Kingspan Access Floors, said: "This is a further example of how our products and services are environmentally-friendly. As the leading UK manufacturer we can use vehicles returning from site to collect these materials for our recycling programme. Our raw materials are sourced in the UK and waste from the finished product can now be returned to the UK manufacturing process."

"This greatly reduces our carbon footprint and it provides a benefit to the environment which a Chinese or European manufacturer cannot match," he added.

As well as recycling off-cuts, Kingspan is sometimes also asked to recycle earlier generations of its raised flooring as part of orders to provide new, replacement product. Such a contract is currently being carried out at the One Canada Place complex at Canary Wharf.



The Kingspan recycling shredder at the company's Hull site.



Dan Ward, Buyer, with the commitment certificate.

KINGSPAN BEATS 'HALVING WASTE TO LANDFILL' TARGET

After gaining a certificate of commitment earlier this year to a national 'Halving Waste To Landfill' scheme, Kingspan Access Floors has well and truly beaten that target – with no waste having gone to landfill during recent months.

This is how we have achieved such a fantastic result:

- General waste is compacted for recycling.
- Chipboard is shredded and recycled. Some is used by Yorkshire Water as a filter cake.
- Cardboard waste is collected for recycling, and so are metal and vinyl waste materials.
- Pallets are reworked or turned into biofuel.

WELCOME TO OUR NEWSLETTER

WELCOME TO THE FIRST ISSUE OF KINGSPAN NEWS – A REGULAR NEWSLETTER DESIGNED TO KEEP YOU INFORMED ABOUT DEVELOPMENTS AT KINGSPAN AND WITHIN THE ACCESS FLOORING SECTOR.

Environmental issues such as reducing waste, reducing carbon footprints and promoting sustainability are becoming increasingly important, and within these pages you will find many examples highlighting Kingspan's green credentials.

A prime example of this is our achievement of being, we believe, the only access flooring manufacturer in the world to gain third party chain of custody FSC (Forest Stewardship Council) accreditation – see article below.

We are also proud of our pioneering recycling scheme and of the fact that we are the only access flooring company in the UK that has been in existence long enough to be able to stand by our 25 year product warranty. The next "longest-established" UK competitor is

only six years old – compare that to our proud history that goes right back to 1903 when we began as Hewetsons! Indeed our workforce of today now has a combined total of more than 2,000 years of service and experience in the industry.

Kingspan has a proud tradition of helping to add the finishing touches to some of the most prestigious buildings in the UK and throughout the world.

So when you are considering your next project, we trust you will consider Kingspan.



**By Terry Newman
Managing Director**

FSC CHAIN OF CUSTODY ACCREDITATION IS BELIEVED TO BE A WORLD FIRST FOR KINGSPAN

COMPANIES WHO SPECIFY KINGSPAN FLOORING RANGES NOT ONLY GET A HIGH QUALITY PRODUCT BUT THEY ALSO INCREASE THEIR GREEN CREDENTIALS.

This is because our raised floors are the only ones in the world to have third party chain of custody accreditation under the Forest Stewardship Council scheme.

FSC promotes responsible management of the world's forests and through consultative processes it sets international standards for responsible forest management. It can provide additional benefits, including:

- International recognition that the forest management does not put the forest's natural heritage at risk and that the management activities are appropriate.
- The opportunity for interaction and co-operation among various players involved in responsible forest management – forest owners, social and environmental organisations – to solve the problems that forests face.



- The assurance for future generations that they enjoy the benefits of the forest.
- The assurance that forest management practices are responsible and will be further improved.
- The assurance that ownership rights are respected.
- The assurance that wood harvesting is legal.
- The assurance that the rights of workers and indigenous communities are respected.
- The assurance that areas of natural wealth and endangered wildlife habitat are not being negatively affected.

When Kingspan first approached FSC to request whether our systems and processes were appropriate for third

party accreditation we believed that although we already followed quite strict internal standards a considerable amount of additional controls might be required before we could expect to gain approval.

We are delighted to say that SGS (the body chosen to carry out the third party accreditation) were very pleased with the systems already in place at Kingspan, which made the process quite straightforward.

Under the third party chain of custody scheme, Kingspan identifies the exact volume of FSC approved materials on all delivery notes, invoices etc.

This is enabling customers worldwide to recognise Kingspan's products as ones that support the growth of responsible forest management.

For more information about the Forest Stewardship Council accreditation scheme go to www.fsc.org

KINGSPAN GAINS RECOGNITION THROUGHOUT THE WORLD FOR ITS GREEN CREDENTIALS

THE ENVIRONMENTAL BENEFITS OF KINGSPAN ACCESS FLOORING ARE BEING RECOGNISED THROUGHOUT THE WORLD – WITH OUR PRODUCT RANGES BEING INSTALLED IN PRESTIGIOUS ‘GREEN’ DEVELOPMENTS.

For example in Madrid, Kingspan Suelo Tecnico installed 30,000 sq m of flooring in all three buildings which comprise the Tripark Las Rozas project, developed by Hines, the international property, investment management and development company.

Tripark Las Rozas has been pre-certified to at least a silver certification in the LEED scheme (Leadership in Energy and Environmental Design), the most internationally recognised measure for sustainability.

Features of the buildings include thermal solar energy and photo voltaic collectors to reduce energy consumption, protection against solar gain through the façade, flexible air conditioning, and water saving installations.

The park’s wider green credentials include its proximity to public transport, landscaping which features plant species that have low water consumption, and extensive parking for bicycles.

Kingspan Access Floors Commercial Director Rachel Mumford said: “Developers of major green projects such as this want to ensure that every product they use within the development is also green in its own right, and they deemed Kingspan flooring to be the best available.”

As well as having strong green credentials such as FSC accreditation, the Kingspan RG3 range installed at Tripark Las Rozas is also more robust than its competitors – this is because floors in the Spanish market are predominantly chipboard, but the board used in RG3 is steel encapsulated, providing far greater strength and durability.

Kingspan Access Flooring’s international operations cover Europe, the Middle East and the Far East. Last year was



ABOVE: The Agilent Technologies campus in India.



LEFT: Tripark Las Rozas in Spain.

one of the company’s best ever for sales, with green projects making significant contributions. For example in the largest job ever undertaken by Kingspan in India, the company supplied 22,000 sq m of RLG 600 flooring to Agilent Technologies Ltd for a state-of-the-art campus near Delhi.

The campus will house 1200 people carrying out back office operations, including its IT and business centres, field and R&D operations.

The facility has been built with special energy-saving features which provide savings of 50 per cent by harnessing glare-free daylight and by installing air conditioning in the Kingspan access flooring void instead of in the ceilings.

It has been estimated that the site will cut carbon emissions by about three million kilos. The campus also has a massive rainwater harvesting system, and all heating requirements are met by utilising waste heat and solar energy.

UK HAULAGE FLEET FEATURES LOW EMISSION VEHICLES

KINGSPAN’S COMMITMENT TO THE ENVIRONMENT STARTS WITH HOW OUR RAW MATERIALS ARE SOURCED AND EXTENDS RIGHT THROUGH TO HOW WE DELIVER TO YOUR SITE.

When you receive a UK delivery of Kingspan access flooring it is brought to you in a vehicle that conforms to stringent low emission standards, thanks to a substantial investment in the latest low emission vehicles made by our haulage contractor, D&P Haulage, of Hull. D&P have bought five new 26 ton rigid vehicles which can each carry 15 tons of product.

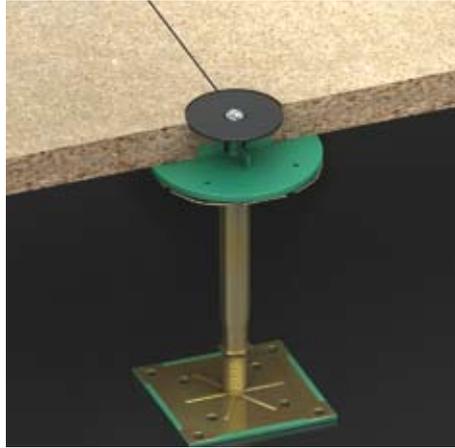


KINGSPAN LAUNCHES ACOUSTIDECK RANGE

KINGSPAN HAS LAUNCHED A NEW ACOUSTIC FLOORING SYSTEM DESIGNED TO SIGNIFICANTLY REDUCE NOISE THROUGH PARTY FLOORS IN DOMESTIC AND COMMERCIAL INSTALLATIONS.

The Kingspan Acoustideck system has not only has been independently tested to meet the performance standards of the Building Regulations (Document "E") when used with an appropriate structural floor and ceiling construction, but it also has the added advantage of providing simple and fast access to the floor void without damaging the floor surface.

Acoustideck is a modular flooring system with a lock down detail that provides maximum rigidity and stability. The flooring panels are fully accessible and interchangeable with an edge detail that provides ease in lifting and replacement. Acoustideck panels are installed on Kingspan's standard range of pedestals



and these are able to deal efficiently with uneven floors, but the real secret of the system is the unique Kingspan snap-on flexible polymer based acoustic pad.

Previous methods of reducing party floor impact and noise involved suppliers introducing simple batten systems, with a resilient layer. However, site installation was not easy when dealing with uneven sub floors that required packing pieces to take out level variations, and the finished floor height was always restricted to the standard batten dimension. Cradle systems were subsequently developed but in certain instances these resulted in a hybrid understructure combining standard batten arrangements and cradles.

Whilst these old fashioned systems have been used for many years, their major failing is that it has always been difficult or impossible to access the floor void (should it be necessary to reach the underfloor services etc) without destroying the floor panels.

This problem does not exist with the access readily provided by the Kingspan Acoustideck system.

£750,000 PRODUCTION INVESTMENT

THE UK MARKET FOR RAISED FLOORS IS PRIMARILY BASED AROUND STEEL ENCAPSULATED CHIPBOARD CORE PANELS READY TO ACCEPT LOOSE LAID CARPET TILES – THIS ALLOWS EASY ACCESS TO THE FLOOR VOID FOR "CHURN".

However, in specialist areas such as data centres, comms rooms and even staff cafeterias there is often a requirement for finishes bonded to the surface such as vinyl or high pressure laminates. Historically these finishes have been hand applied to the surface of a panel, resulting in extended manufacturing periods and possible quality issues.

To resolve this matter and be able to offer high quality finishes with short lead times Kingspan has invested £750,000 in a fully automated production line just for finishes, and this is now in operation at our Hull facility.

The new production line can produce in excess of 25,000 finished panels every week, with the finish of your choice.

In addition to short lead times and consistently high quality finishes, the new line has considerably reduced waste – which once again meets Kingspan's desire to halve landfill.



An example of vinyl-finish flooring now being produced under the new process.

STOP PRESS

Kingspan has just received ISO 9001:2008 accreditation for the quality of its design, manufacturing and installation facilities and services.

HOW TO CONTACT KINGSPAN

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

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