

Raised Access Flooring Systems: One Simple Step to Guaranteed Performance



Low Energy - Low Carbon Buildings





The world of construction has never been more challenging than it is today. Not only do we demand functional buildings, we demand that they be cost effective, safe, energy efficient and sustainable.

Some manufacturers guarantee their products for specific isolated areas of performance but few can offer assurance across a whole spectrum of testing standards.

Total Kingspan System Warranty

Kingspan raised access flooring systems are used for cable management and under floor air distribution solutions on commercial offices, education, retail, technology parks, leisure, law courts and many other buildings.

One Simple Step to Guaranteed Performance:

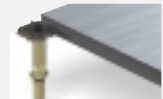
Kingspan Total Warranty Assurance covers all of the key performance areas for its raised flooring systems in a single comprehensive package. Performance of the Kingspan system is guaranteed for 25 years. The products are fully tested to all the relevant standards by Independent authorities and are covered by the Total Warranty Assurance.

Key Features of Kingspan Total Warranty Assurance

25 years system performance guaranteed

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Additional Built-in Benefits

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Kingspan Construction Division

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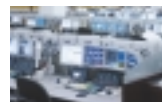
Project Total Support Service & Kingspan Technical Design Service

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Other Benefits of Kingspan Flooring Systems

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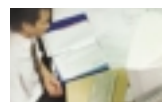
Product Range

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Comprehensive R&D, Testing & Certification

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Factory Shots

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Benefits



As part of the Total Warranty Assurance package, Kingspan offers technical support through the design, construction and attendance to ensure full compliance with the project specification. The Kingspan Project Management Team offers comprehensive on the spot advice, guidance and expertise, whilst the Technical Design Team provides a full engineering support service.

25 years system performance guarantee

Quality assurance to ISO 9001 for both manufacture and installation*

Panel durability is maintained by the highest standard of HDG encapsulation

Systems designed for low air leakage performance so essential when specifying under floor air distribution



Total Warranty Specimen Documents

* When installed by Kingspan's in house Construction Division.





Kingspan's Construction Division

Kingspan has its own Construction Division that installs vast areas of high quality raised floors every year.

This Division provides high project management standards resulting in reduced programme duration.

Kingspan are committed to maintaining high standards of Health & Safety and every Kingspan project is visited and inspected by Health & Safety officers: On major projects a resident safety officer is available.







Kingspan's Technical Support Team

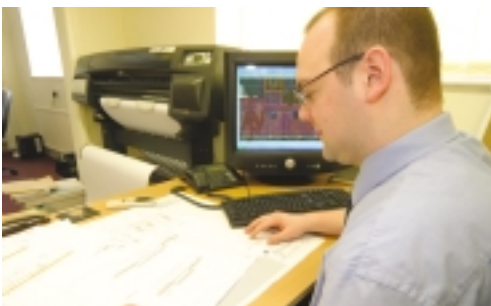


A comprehensive Support Package assists Kingspan Approved Installers with:

- training on the use and installation of Kingspan products - both theoretical and practical workshops.
- Pre-contract technical support and advice.
- Kingspan recommendation, specification and guarantee compliance.
- Site inspection service, throughout contract period, to ensure products are being installed correctly to specification. Kingspan also provides an 'after care' service that includes site inspection.
- Guarantee certification.



Kingspan Technical Design Service



Kingspan support all of their products with a comprehensive Technical Design Service for designers, specifiers and contractors.

This inclusive service is designed to give fast, accurate technical support and advice.

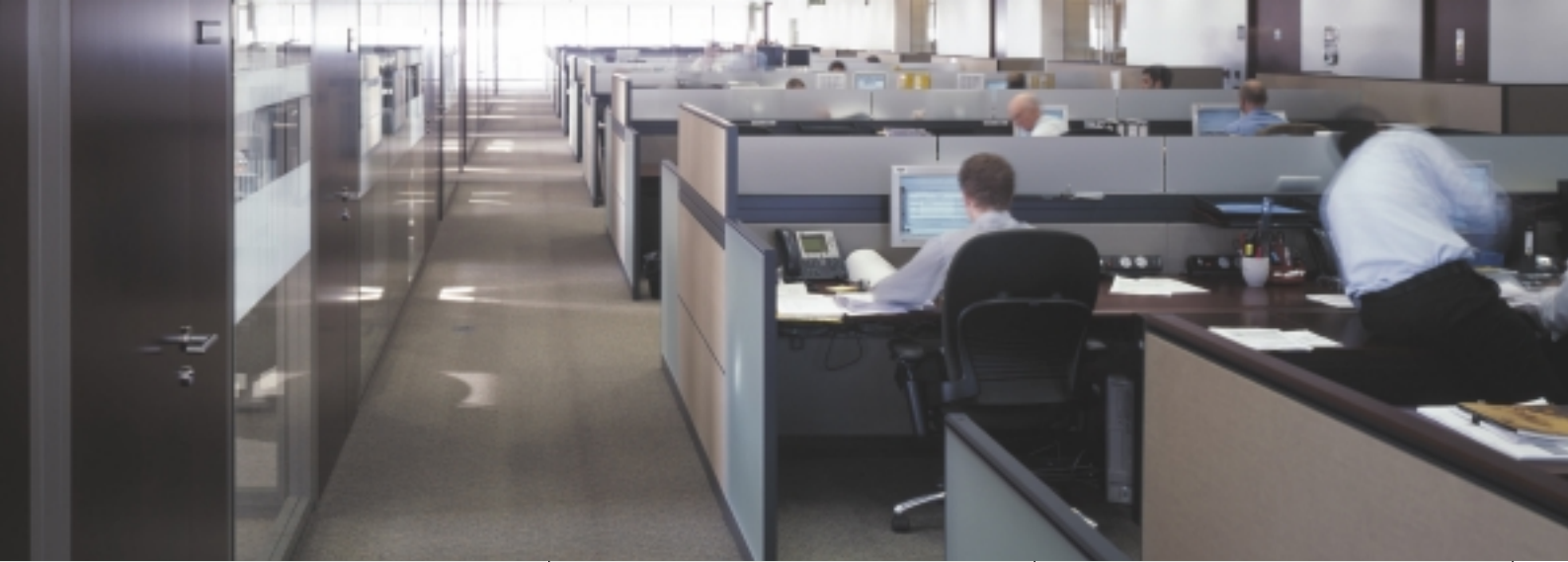
Contact us with your project specification and we can provide:

- Project specific model specifications (N.B.S. or Kingspan format)
- Details showing the interface with all of the building facets
- Communication with Regulatory bodies and attendance at design meetings
- Load calculations and as built drawings



Other Benefits of Kingspan Raised Flooring Systems:

- **Consistent Quality**
Kingspan Raised flooring Systems provide the consistent quality levels (ISO 9001 : 2000) associated with a world class manufacturer.
- **Reduced On-Site Working**
The Kingspan Project Management Team provides high project management standards resulting in reduced programme duration; fewer tradesmen are required for less time.
- **Integrated Systems**
Kingspan Raised Flooring Systems can be easily integrated with conventional construction methods and materials.
- **Cost Benefit**
Material waste is minimised, numbers of deliveries reduced and on-site manpower optimised.
- **Dimensional Accuracy**
Kingspan is a world class manufacturer certified to ISO 9001 which guarantees consistent dimensional accuracy of panels and ancillaries.
- **Compliance**
Design specification, regulatory compliance and on-site quality are guaranteed and backed by Kingspan expertise and the assurance of the Total Warranty.
- **Safer Construction**
The Kingspan Project Management Team consider on-site Health & Safety of prime importance and every Kingspan project is visited and inspected by Health & Safety officers; on major projects a resident safety officer is available.
- **Comprehensive Testing & Certification**
Kingspan Raised Flooring Systems are fully compliant with applicable UK & International Standards plus fire certification requirements.
- **Predictability & Rapid Build**
Kingspan Raised Flooring Systems provide predictable costs, specification compliance, construction quality, reliable on-site schedules to ensure 'on time' completion and building handover.
The Kingspan project team will endeavour to shorten the overall project programme to provide the opportunity for accelerated construction programmes and thus earlier investment return.
- **Faster Project Start**
The complete systems are single sourced from Kingspan's UK large-scale, reliable, highly automated manufacturing facility, providing faster 'lead-in', on-site project commencement and programme completion.
Standard systems are all available from stock.
- **Sustainability**
Kingspan supports sustainable construction and 'Eco' best practice throughout every stage, from design concept to end of life recyclability:
 - manufacturing processes (ISO 14001)
 - supply and installation third party accredited to ISO 9001
 - superior air leakage performance where under floor air is specified - to ensure that heat loss is kept to a minimum
- **Minimising Risk**
Kingspan is committed to customer service and satisfaction; the Kingspan Raised Flooring Systems ensure predictability of costs, programme timings, in use performance and mitigate defect risk.



Steel encapsulated/particle board construction, loose laid raised access floor panels to the requirements of PSA MOB PF2 PS/SPU and BSEN 12825.

RG Series Gravity Lay

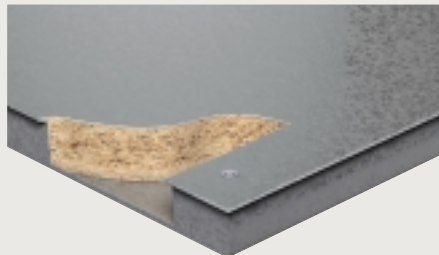


Category	Gravity Lay
Panel Size	600mm square
Core Material	High Density Particle Board
Panel Construction	Galvanised steel encapsulated particle board core

PSA PF2 PS/SPU	Panel Thickness (nominal)	System Weight (typical)
RLG600 light grade	31mm	31kg/m ²
RMG600 medium grade	31mm	36kg/m ²
DRF600 heavy grade	32mm	44kg/m ²
extra heavy grade	32mm	45kg/m ²
BSEN	Panel Thickness (nominal)	System Weight (typical)
RG3	31mm	31kg/m ²
RG5	31mm	36kg/m ²
RG6	32mm	44kg/m ²

Steel encapsulated/particle board construction, screw down raised access floor panels to the requirements of PSA MOB PF2 PS/SPU and BSEN 12825.

TorLock Screw Down

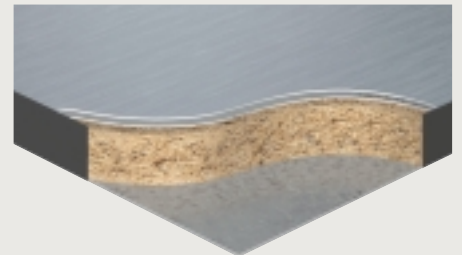


Category	Screw Down
Panel Size	600mm square
Core Material	High Density Particle Board
Panel Construction	Galvanised steel encapsulated particle board core

PSA PF2 PS/SPU	Panel Thickness (nominal)	System Weight (typical)
TorLock medium grade	26mm	32kg/m ²
BSEN	Panel Thickness (nominal)	System Weight (typical)
TL3	26mm	30kg/m ²
TL5	26mm	32kg/m ²

Raised access floor panels complete with factory applied vinyl, linoleum, HPL, or rubber to the requirements of PSA MOB PF2 PS/SPU and BSEN 12825.

FDeb Series Full Depth Edge Banded



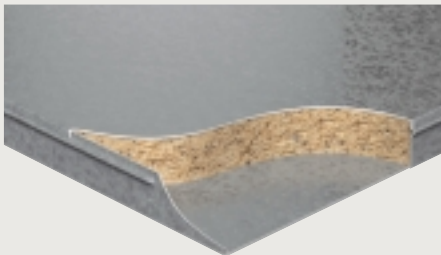
Category	Gravity Lay
Panel Size	600mm square
Core Material	High Density Particle Board
Panel Construction	Galvanised steel sheet bonded to core with edge banding

PSA PF2 PS/SPU	Panel Thickness (nominal) <small>Exc covering</small>	System Weight (typical)
FDEB 30 medium grade	31mm	42kg/m ²
FDEB 38 heavy grade	39mm	52kg/m ²
extra heavy grade	39mm	53kg/m ²
BSEN	Panel Thickness (nominal) <small>Exc covering</small>	System Weight (typical)
FDEB 1	31mm	30kg/m ²
FDEB 4	31mm	37kg/m ²
FDEB 6	39mm	52kg/m ²



Steel encapsulated/particle board construction, loose lay raised access floor panels to the requirements of PSA MOB PF2 PS/SPU and BSEN 12825.

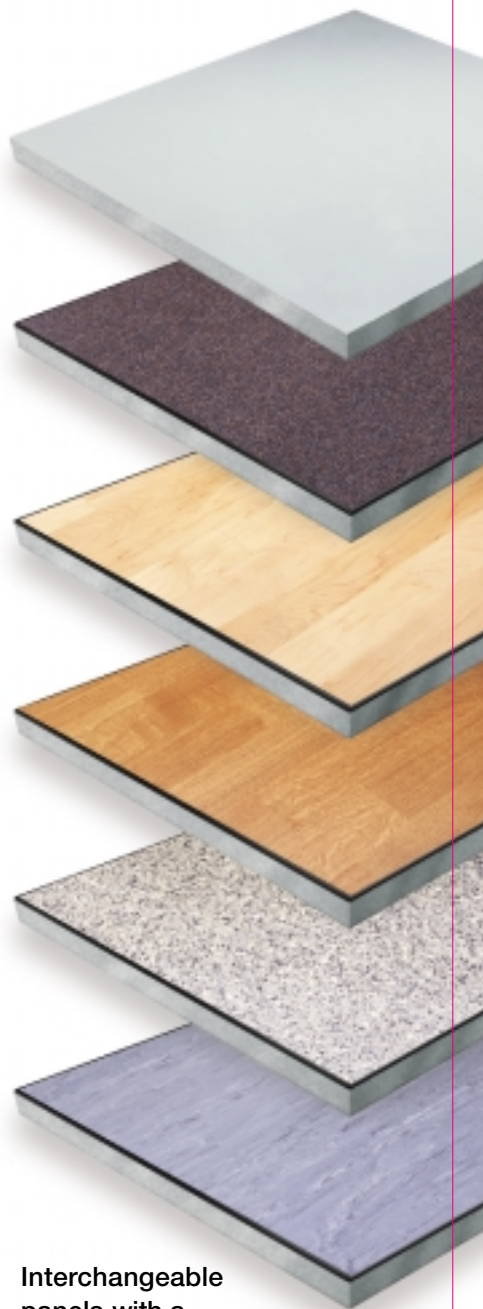
Diamond Gravity Lay



Category	Gravity Lay
Panel Size	600mm square
Core Material	High Density Particle Board
Panel Construction	Galvanised steel encapsulated particle board core

PSA PF2 PS/SPU	Panel Thickness (nominal)	System Weight (typical)
Diamond medium grade	31mm	36kg/m ²

BSEN	Panel Thickness (nominal)	System Weight (typical)
D3	31mm	31kg/m ²
D5	31mm	36kg/m ²



Interchangeable panels with a variety of surfaces



R&D, Testing & Certification

Kingspan's range of raised flooring systems are proven for the following:

- Structural integrity
- Robustness and durability
- Low air leakage where under floor air distribution is specified
- Environmental standards
- Reduced lifetime costs
- Faster build speed

Product quality is assured through the use of accredited and tested raw materials, high technology manufacturing techniques and rigorous testing to appropriate National and International standards.

All Kingspan products are manufactured to ISO 9001 quality assurance and the Kingspan Project Management Service is the only UK manufacturer accredited to ISO 9001 for installation.







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Due to our continuing policy of development and improvement we reserve the right to alter and amend the specification as shown in this literature.