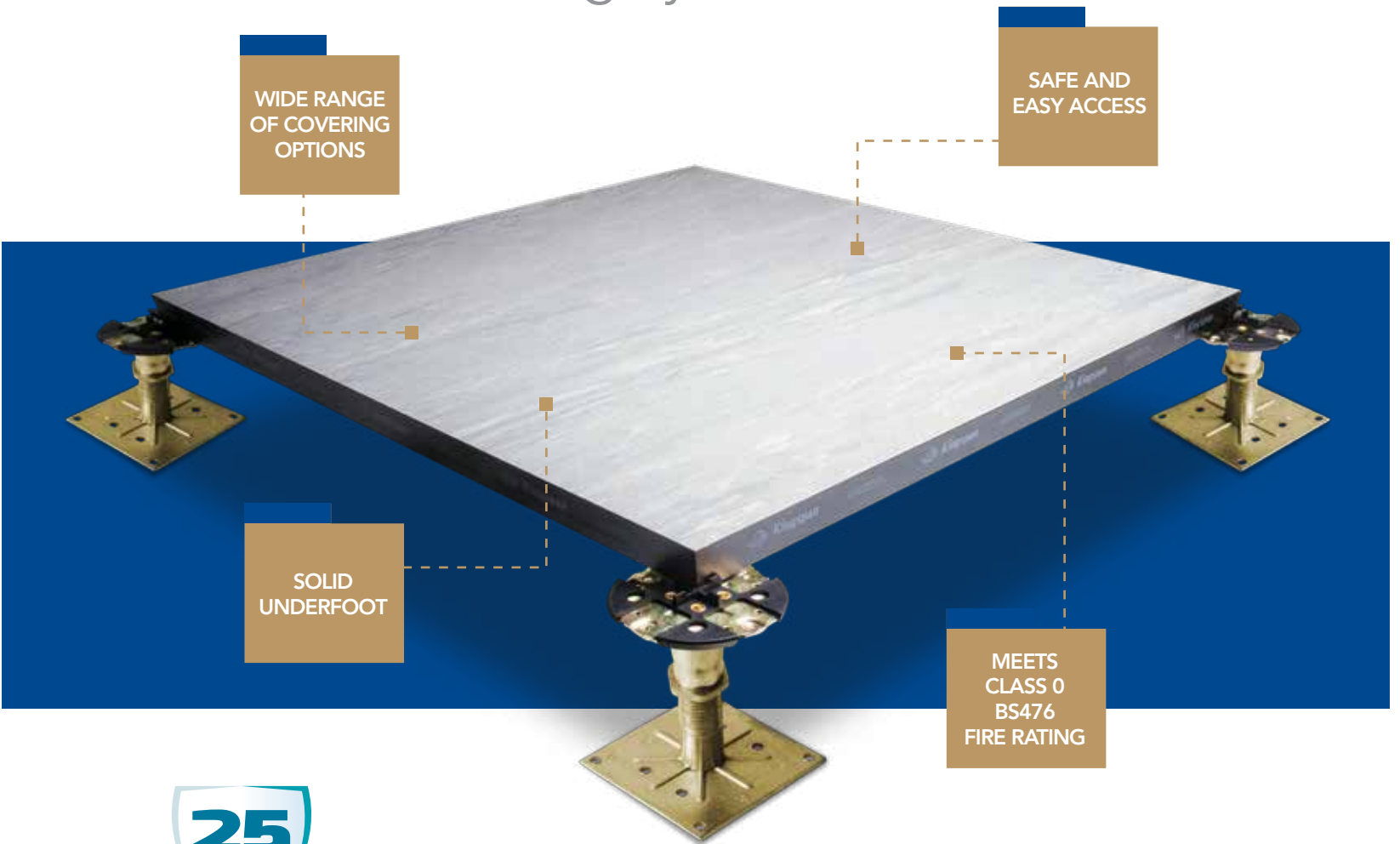




# FDEB PSA

## Access Flooring System



WIDE RANGE  
OF COVERING  
OPTIONS

SAFE AND  
EASY ACCESS

SOLID  
UNDERFOOT

MEETS  
CLASS 0  
BS476  
FIRE RATING



Kingspan provides an unprecedented 25 year Total System Warranty on our encapsulated systems – and we are the only access flooring company in the UK that has been in existence long enough to be able to stand by a warranty of that length.

These loose lay floor systems are independently tested in accordance with the PSA MOB PF2 PS/SPU Specification to either Light, Medium, Heavy or Extra Heavy Grade.

The design incorporates a full depth edge band which provides encapsulation of the chipboard core, this also provides protection to the edge of the surface finish.

These panels are based upon a 600mm module constructed around a high performance chipboard core. The top and

bottom surfaces are laminated with galvanised steel sheets.

The panels are engineered to fine dimensional tolerances for modular control.

The specified surface finish is then laminated to the top surface before being trimmed to fit flush with the panels sides.

Electrical continuity and static dispersion is provided where required.

PSA

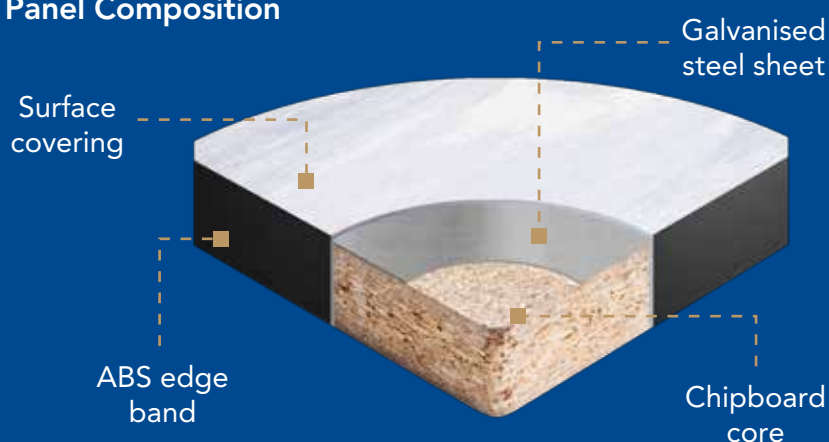
## Product performance (based upon a full Kingspan system)

	FDEB 30	FDEB 38
Panel grade	Medium	Heavy *
Point load 25x25mm sq	3kN †	4.5kN †
Load over 300x300mm sq	4.5kN †	N/A †
Uniformly distributed load	8kN/m <sup>2</sup> †	12kN/m <sup>2</sup> †

† Not less than

\*FDEB 38 requires a structural stringer system to achieve heavy grade

## Panel Composition



## Construction

Category	Loose lay
Core material	High density particle board
Panel construction	Galvanised steel sheet top & bottom with edge banding

## Panel dimensions

	FDEB 30	FDEB 38
Panel thickness (nominal)	31mm *	39mm *
System weight (typical)	42kg/m <sup>2</sup>	52kg/m <sup>2</sup>
Panel size	600mm square	

\*excluding finish

- This loose lay floor system is tested in accordance with PSA MOB PS/SPU specification. Panel deflection at centre edge must not exceed 2.4mm based on 24 hour testing.
- Safety factor of 3 x static load.
- Finished floor heights from 60mm to 1200mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.
- Extra Heavy Grade to the requirements of PSA MOB PF2 PS/SPU is available using FDEB 38 heavy grade with bolt on structural stringers.
- Structural performance based upon a full Kingspan system ie panels & pedestals.
- For FDEB 38 the structural stringer must be employed at all heights.

**Applications, accessories and pedestals for the FDEB PSA System can be seen in detail on our Special Applications and pedestals datasheet, please ask for details by calling +44 (0) 1482 781701.**



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The mark of responsible forestry