

Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors.

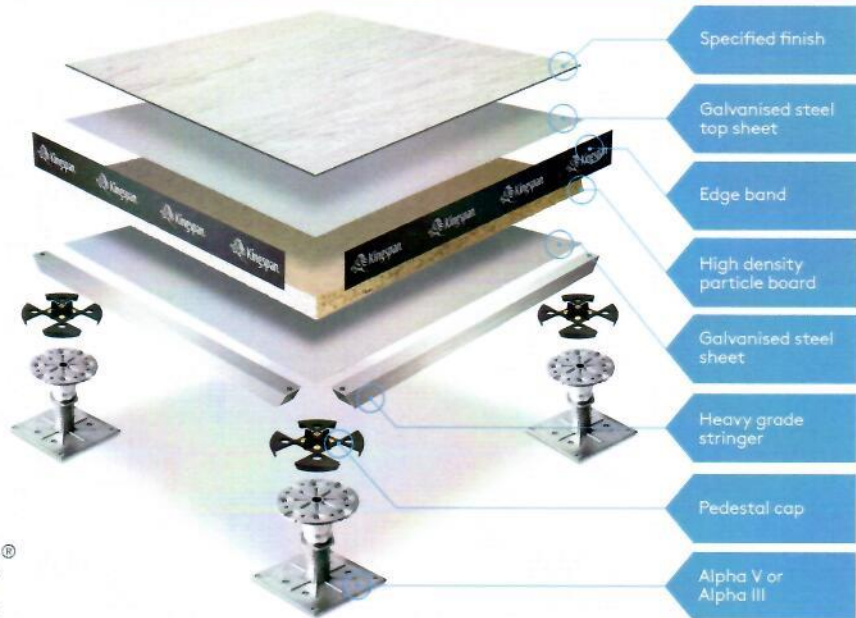
FDEB_H

HEAVY GRADE

For: Data centre and server room use

Panel comprises of a galvanised steel top and bottom sheet that are bonded to the core. A resilient surface is applied to the top and the panel is finished with a full edge banding.

We've invested in research and development to optimise our energy and raw material usage. This system has EPD & HPD certification and is manufactured in our advanced, energy efficient manufacturing facility where 94% of the energy used is from sustainable sources.



Panels	
Thickness:	40mm** Nominal
System Weight:	52kg/m ² Nominal
Panel Size:	600mm x 600mm†
Core Material:	38mm high density particle board
Edgeband:	ABS
Category:	Loose lay

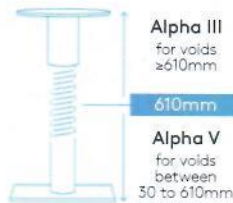
System Performance	
Point load 25 x 25mm:	4.5kN
Uniformly Distributed Load (UDL):	12kN/m ²

Panel Fire Performance	
Fire Class:	BS476-6 & BS476-7
Reaction:	EN13501:1 Bf-s1
Resistance:	EN13501:2 R30r/RE30r/RE130r

System Sound Performance		With barrier
Airborne Insulation (Dnfw):	42 dB	49 dB
Impact Insulation (Lnfw):	68 dB	60 dB

Pedestal Options

Steel pedestals* coated with an environmentally friendly clear passivation.



Pedestal Adhesive:
Standard or Acoustic pedestal adhesives available.

Stringers

An heavy grade screw-down stringer system is required to achieve the Heavy PSA rating.

Underfloor Plenum

This system can be supplied with neoprene gaskets to minimise air loss through the raised floor surface from the underfloor plenum to aid air circulation, distribution and management.

Surface Finishes

A wide variety of surface finishes can be bonded to the top surface of the panel including HPL, Vinyl, Rubber, Linoleum & Marmoleum.

† 600 x 900mm medium/heavy grade panels available for perimeter detailing.
* Pivot-head adaptors and Nickel plated pedestals available upon request.
§ Warranty only valid when a full Kingspan Access Floor system including panels and understructure is installed. Excludes covering, please refer to original manufacturers information.
** Without surface covering.

- All working loads perform to a 3x safety factor.
- Finished floor heights from 100mm to 1200mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.
- Structural performance based upon a full Kingspan system i.e. panels & pedestals.



Kingspan Access Floors

Burma Drive, Hull, HU9 5SG, United Kingdom
T: +44 (0)1482 781701 E: KAFinfo@kingspan.com W: kingspan.com

