

RAISED ACCESS FLOOR SYSTEM PSA



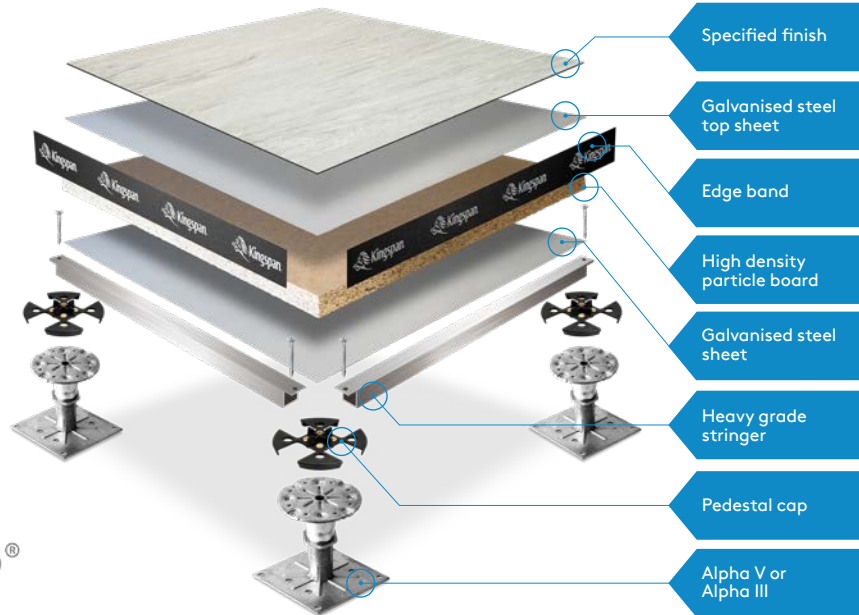
Tested in accordance with
PSA MOB PF2 PS/SPU for raised access floors.

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.



EPD[®]
THE INTERNATIONAL EPD[®] SYSTEM

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

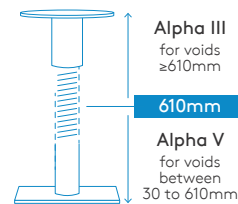
Fire Class:	BS476-6 & BS476-7
Reaction:	EN13501:1 Bfl-s1
Resistance:	RE130r

System Sound Performance

Airborne Insulation $D_{n,f,w}$ (C;C _{tr}):	47 dB
Impact Insulation $L_{n,f,w}$ (CI):	65 dB

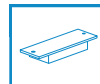
Pedestal Options

Steel pedestals* coated with an environmentally friendly clear passivation.



Pedestal Adhesive:

Standard or Acoustic pedestal adhesives available.



Stringers

A 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.
- Void heights from 30mm 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.