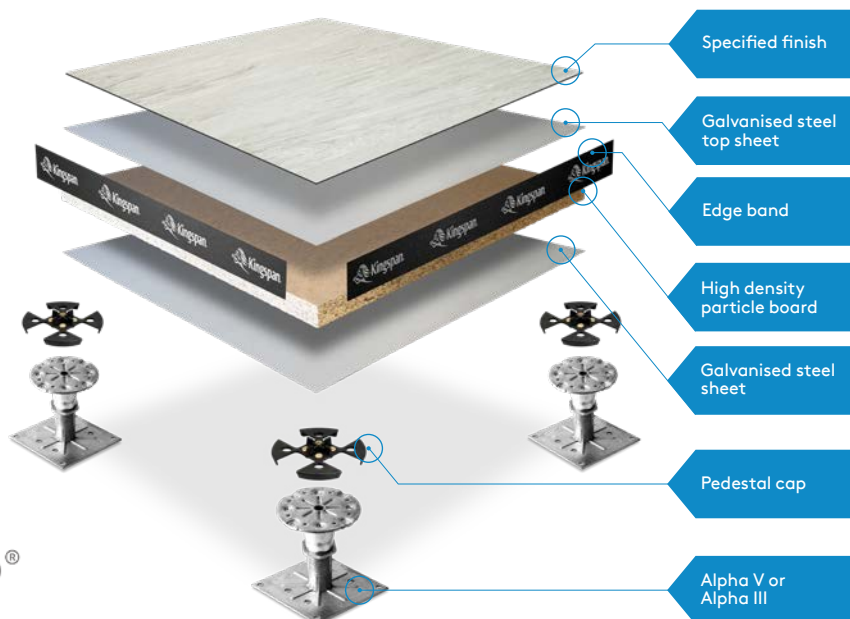


FDEB_M

MEDIUM 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 covering is applied to the top and the panel is finished with full edge banding.



Panels

Thickness:	31mm** Nominal
System Weight:	42kg/m ² Nominal
Panel Size:	600mm x 600mm†
Core Material:	30mm high density particle board
Edgeband:	ABS
Category:	Loose lay

System Performance

Point load 25 x 25mm:	3kN
Load over 300 x 300mm:	4.5kN
Uniformly Distributed Load (UDL):	8kN/m ²

Panel Fire Performance

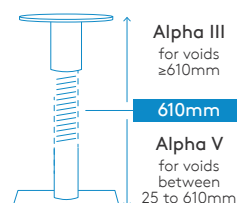
Fire Class:	BS476-6 & BS476-7 Class 0
Reaction:	EN13501:1 Bfl-s1
Resistance:	REI30r

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 caps:

Standard perimeter

Pedestal Adhesive:

Standard or Acoustic pedestal adhesives available.



Stringers

Recommended for additional lateral stability in the following applications:

- < 610mm void heights: clip-on stringer system
- > 610mm void height: screw-down stringer system



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 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.
- Floor void heights from 25mm to 1200mm available as standard. For heights outside of this range alternative pedestals are available.
- Structural performance based upon a full Kingspan system i.e. panels & pedestals.