



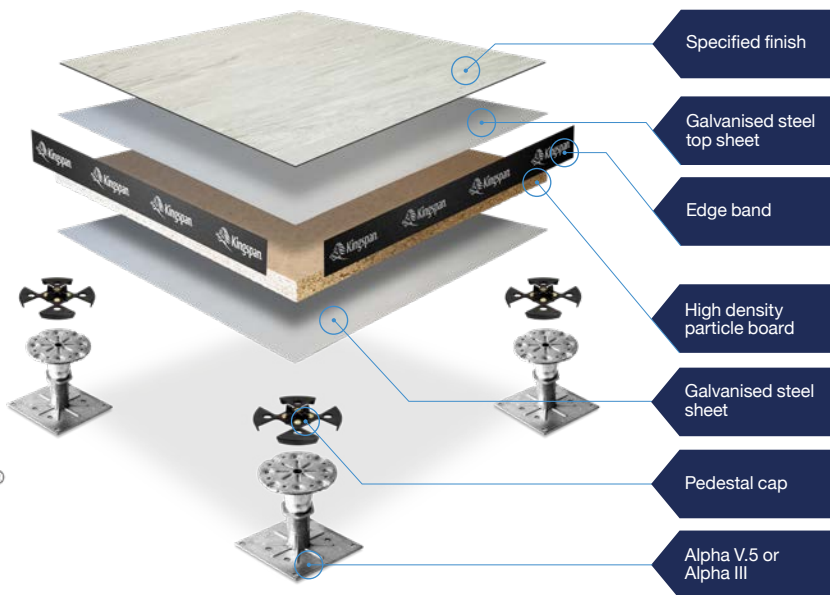
Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors.

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:	BS476-6:1989 & BS476-7:1997 Class 0
Reaction:	EN13501-1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI60r [^]

System Sound Performance	
Airborne Insulation D _{n,f,w} (C;C _w):	47 dB
Impact Insulation L _{n,f,w} (CI):	65 dB

† 600 x 900mm panels available for perimeter detailing.

* Pivot-head adaptors and Nickel plated pedestals available upon request.

§ Warranty only valid when a full Tate system including panels and understructure is installed. Excludes covering, please refer to original manufacturers information.

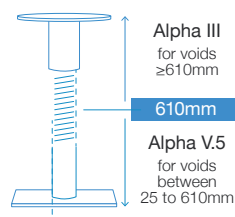
** Without surface covering.

[^] Only for Alpha V.5 up to 570mm void height.

- All working loads perform to a 3x safety factor.
- Finished floor heights from 55mm to 1100mm available as standard. For heights outside of this range alternative pedestals are available.
- Structural performance based upon a full Tate system i.e. panels & pedestals.

Pedestal Options

Steel pedestals* coated with a clear passivation.



Pedestal caps:

Standard perimeter

Pedestal Adhesive:

Standard or Acoustic pedestal adhesives available.

A 1.5mm extended stringer is required for use with Alpha III pedestals on the oversize panel.

Stringers

Stringers may be used for additional lateral stability. Please contact the technical team for further advice.

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.

Tate BIM 360



To access our BIM drawings scan here and register. Existing customers can access up to date content directly through their BIM360 account.

