

# RAISED ACCESS FLOOR SYSTEM

## PSA

To view product details



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.



**EPD**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM  
S-P-02800

Panels	
Thickness:	31mm** Nominal
System Weight:	42kg/m <sup>2</sup> Nominal
Panel Size:	600mm x 600mm <sup>†</sup>
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 <sup>2</sup>

Panel Fire Performance	
Fire Class:	BS476-6:1989 & BS476-7:1997 Class 0
Reaction:	EN13501-1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI60r <sup>^</sup>

System Sound Performance	
BS EN ISO 10848-2:2017	
Airborne Insulation $D_{n,f,w}$ (C;C <sub>w</sub> ):	47 dB
Impact Insulation $L_{n,f,w}$ (CI):	65 dB

<sup>†</sup> 600 x 900mm panels available for perimeter detailing.

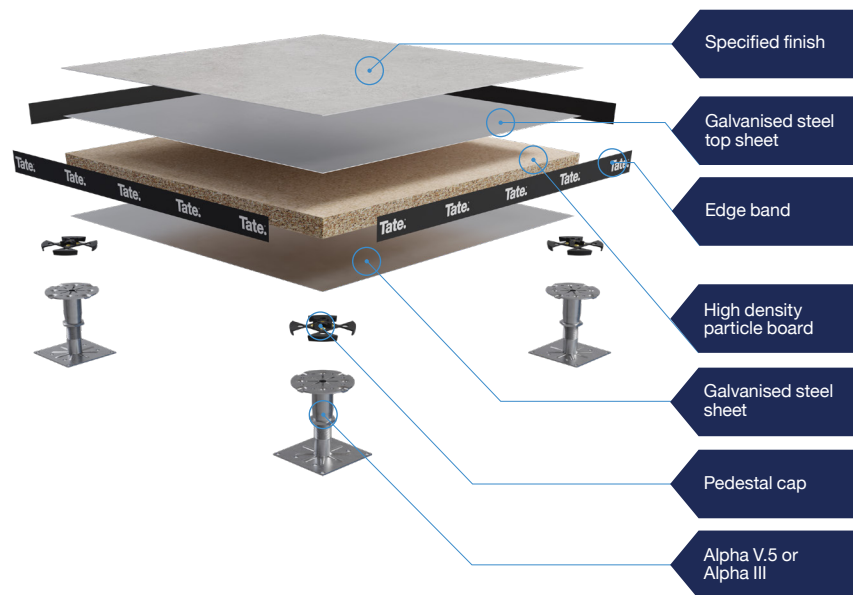
\* Pivot-head adaptors and Nickel plated pedestals available upon request.

\$ 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.

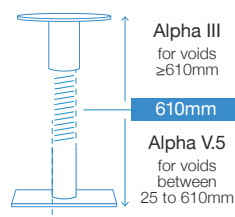
<sup>^</sup> Only for Alpha V.5 up to 570mm void height.

- 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.



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### Tate

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