



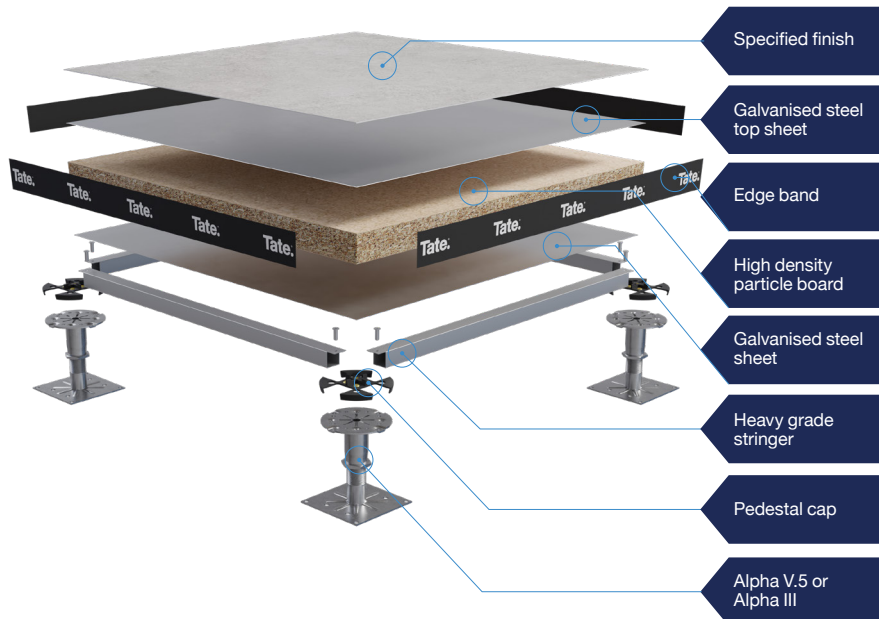
Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors.

## 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**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM  
S-P-02814

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

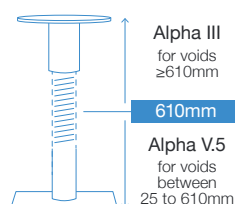
System Performance	
Point load 25 x 25mm:	4.5kN
Uniformly Distributed Load (UDL):	12kN/m <sup>2</sup>

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

### Pedestal Options

Steel pedestals\* coated with a 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.

### 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.



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

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

<sup>§</sup> 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> Alpha V.5 up to 570mm, Alpha III up to 990mm.

- 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 Tate system i.e. panels & pedestals.