

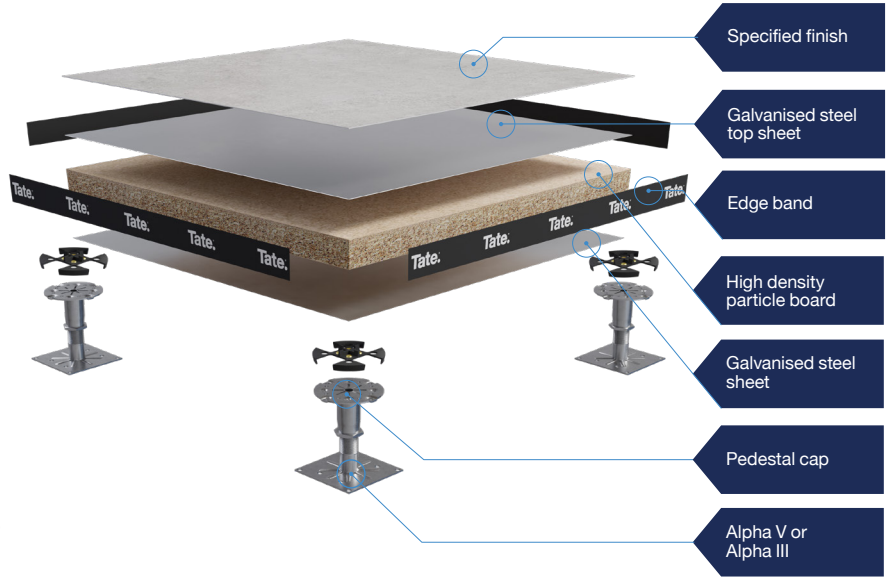


# FDEB6

## CLASS 6

### 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 a full edge band.



**EPD**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM  
5-P-02812

Panels	
Thickness:	40mm** Nominal
System 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

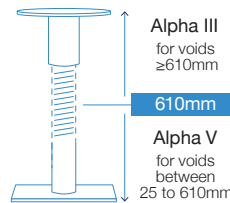
System Performance	
Ultimate load <sup>§</sup> :	in excess of 12kN

Panel Fire Performance	
Reaction:	EN13501-1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI60r <sup>^</sup>

System Sound Performance		
		With barrier
Airborne Insulation (Dnfw):	42 dB	49 dB
Impact Insulation (Lnfw):	68 dB	60 dB

### Pedestal Options

Steel pedestals\* coated with an environmentally friendly clear passivation.



Pedestal Adhesive:  
Standard or Acoustic pedestal adhesives available.

### 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.  
§ Working load = ultimate load / chosen safety factor. There are two classes of safety factor either 2 or 3.  
\*\* Without surface covering.  
^ Alpha V.5 up to 570mm, Alpha III up to 990mm void height  
• Finished floor heights from 65mm to 1100mm 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.