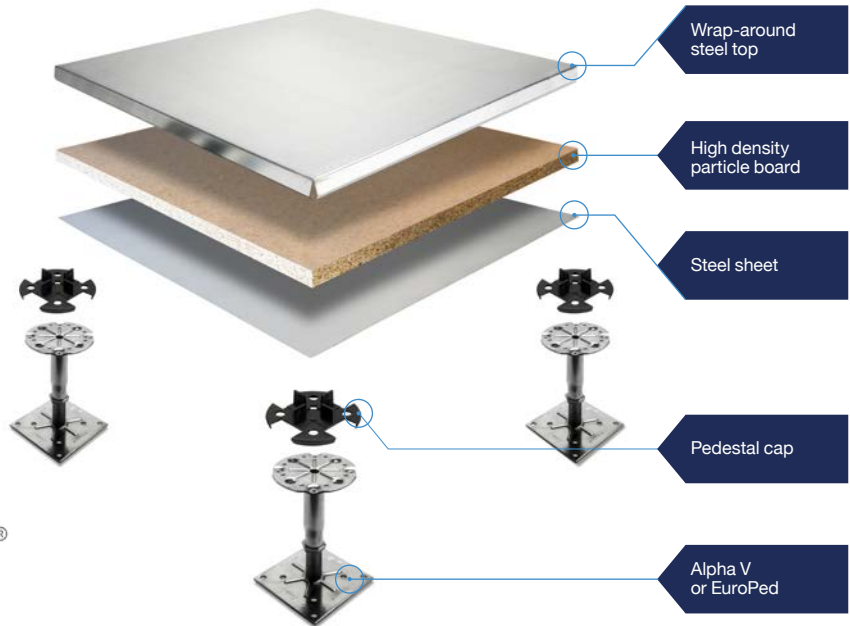


# RG2

## CLASS 2

The fully encapsulated panel comprises of a wrap around steel top and a steel base plate that are adhesive bonded and mechanically stitched around a particle board core for greater strength and durability.



Panels	
Thickness:	23mm Nominal
System weight:	27kg/m <sup>2</sup> Nominal
Panel Size:	600mm x 600mm†
Core Material:	22mm high density particle board
Category:	Loose lay

System Performance	
Ultimate Load:	in excess of 6kN

Panel Fire Performance	
Reaction:	EN13501-1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI30r <sup>^</sup>

System Sound Performance	
BS EN ISO 10848-2:2017	
Airborne Insulation $D_{n,f,w}(C;C_t)$ :	43 dB
Impact Insulation $L_{n,f,w}(C)$ :	68 dB

† 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.

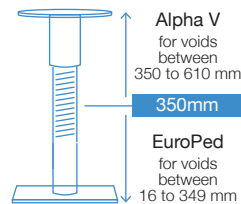
• Finished floor heights from 38mm to 632mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.

• The classifications given are based on the use of the Tate range of pedestals.

^ Only for Euro Pedestals up to 357mm void height.

### Pedestal Options

Steel pedestals\* coated with a clear passivation.



#### Pedestal Adhesive:

Standard or Acoustic pedestal adhesives available.

### Stringers

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

### Simploc Screw Down

This system is available with pre-drilled holes allowing the panels to be screwed down to the pedestals whilst still allowing full access.

- Refer to technical team for resistance to fire performance.

### 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.

### 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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