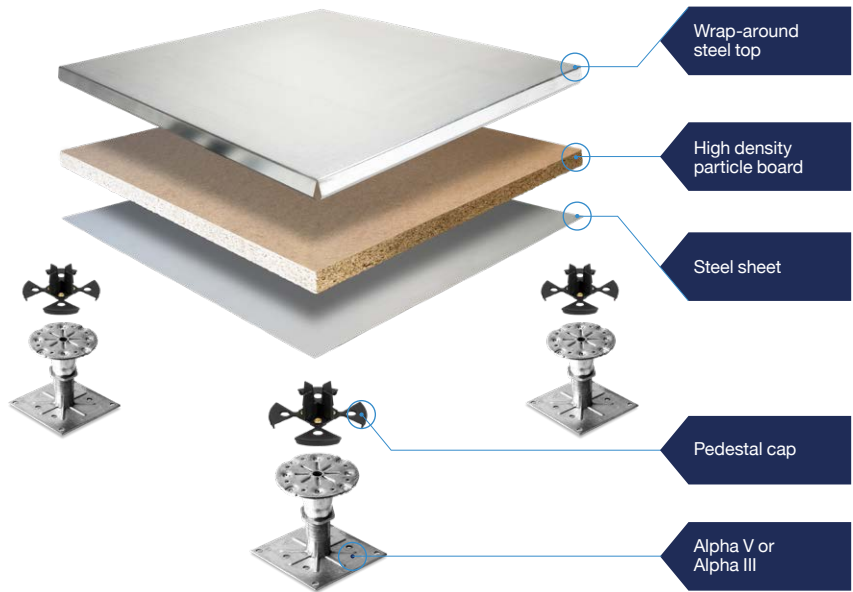


# RG6

## CLASS 6

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.



**EPD**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM  
5-P-02807

Panels	
Thickness:	32mm Nominal
System Weight:	44kg/m <sup>2</sup> Nominal
Panel Size:	600mm x 600mm
Core Material:	30mm high density particle board
Category:	Loose lay

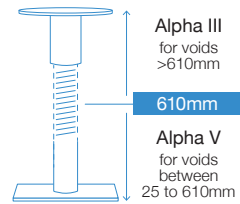
System Performance	
Ultimate load <sup>§</sup> :	in excess of 12kN

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

System Sound Performance	
BS EN ISO 10848-2:2017	
Airborne Insulation $D_{n,f,w}$ (C;C <sub>tr</sub> ):	43 dB
Impact Insulation $L_{n,f,w}$ (CI):	67 dB

### 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.

† 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 57mm to 1100mm 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.

^ Alpha V up to 589mm & Alpha III up to 1200mm void height.