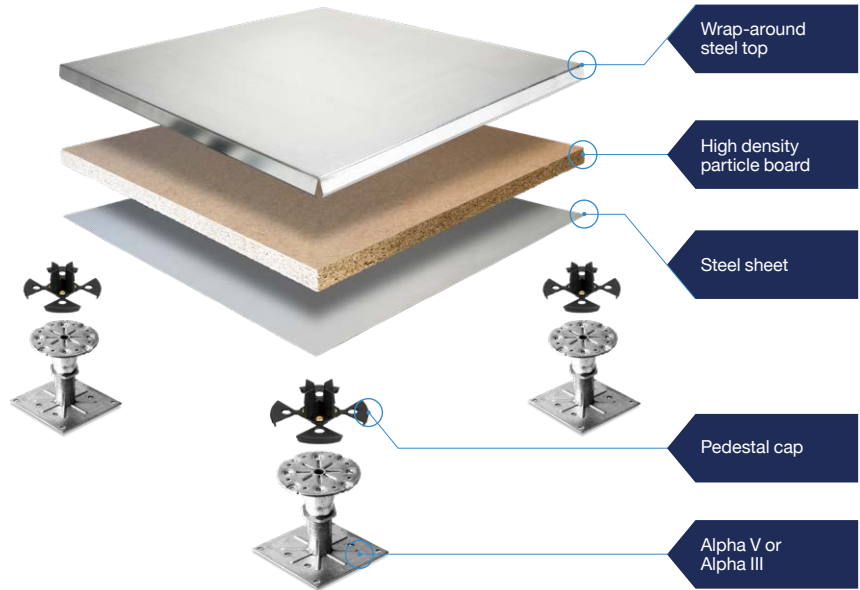


RG5

CLASS 5

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:	31mm Nominal
System Weight:	36kg/m ² Nominal
Panel Size:	600mm x 600mm†
Core Material:	30mm high density particle board
Category:	Loose lay

System Performance	
Ultimate load§:	in excess of 10kN

Panel Fire Performance	
Reaction:	EN13501-1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI30r [^] EN13501-2:2016 REI60r ^{^^}

System Sound Performance		BS EN ISO 10848-2:2017
Airborne Insulation D _{n,f,w} (C;C _{tr}):	43 dB	
Impact Insulation L _{n,f,w} (CI):	67 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 void from 25mm to 1200mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.

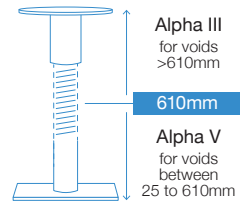
• The classifications given are based on the use of the Tate range of pedestals.

[^] Alpha V up to 589mm.

^{^^} Alpha III up to 1200mm.

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.