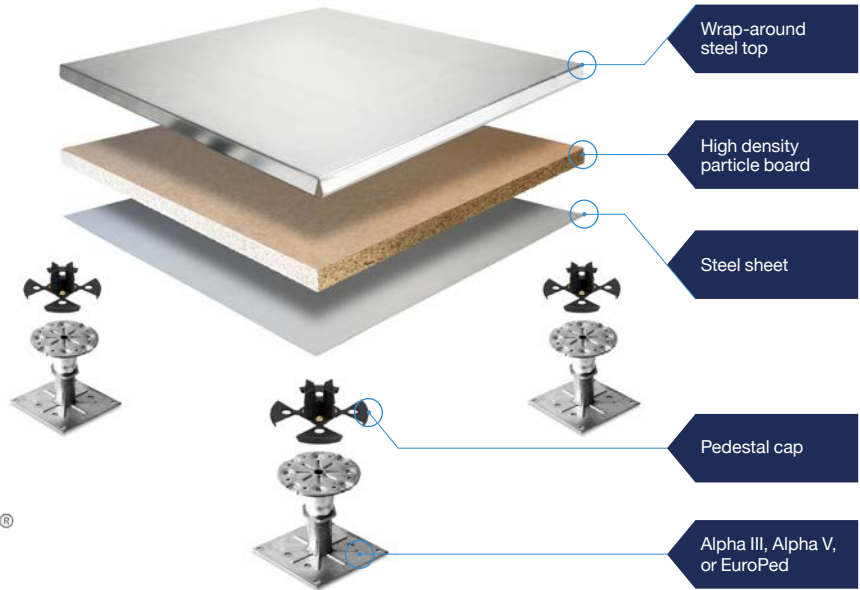


RG3

CLASS 3

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:	31kg/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 8kN

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

System Sound Performance	BS EN ISO 10848-2:2017	
Airborne Insulation $D_{n,f,w}(C;C_{tr})$:	EuroPed 44 dB	Alpha V 42 dB
Impact Insulation $L_{n,f,w}(C_I)$:	71 dB	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 heights from 47mm to 640mm 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

EN13501-2:2016 REI30r Alpha V up to 589mm void height.

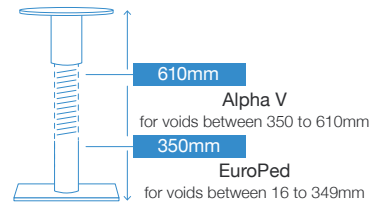
Tate BIM 360



To access our BIM drawings scan here and register. Existing customers can access up to date content directly through their BIM360 account.

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.