

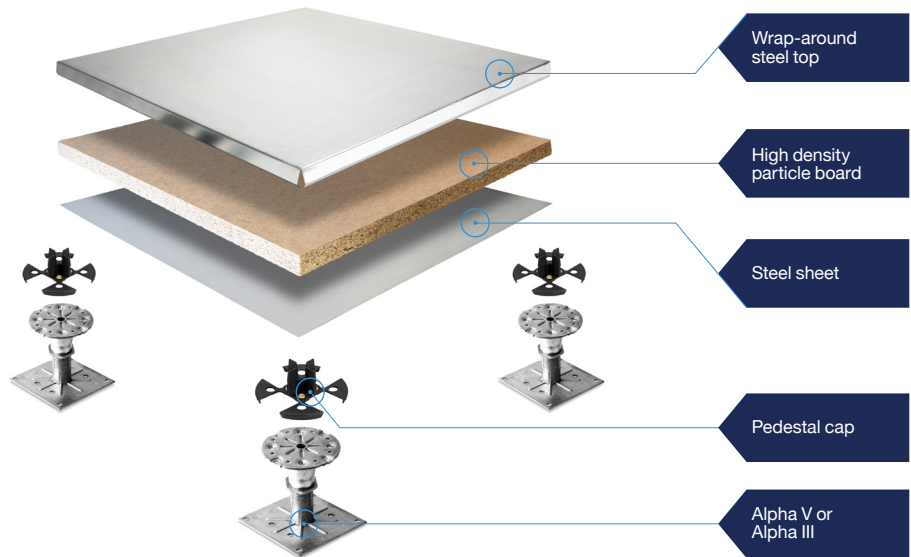


Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors.

RMG600

MEDIUM GRADE
For: General Office use

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	
Point load 25 x 25mm:	3kN
Load over 300 x 300mm:	4.5kN
Uniformly Distributed Load (UDL):	8kN/m ²

Panel Fire Performance	
Fire Class:	BS476-6:1989 & BS476-7:1997 Class 0
Reaction:	EN13501:1:2018 Bfl-s1
Resistance:	EN13501-2:2016 REI30r [^] EN13501-2:2016 REI60r ^{^^}

System Sound Performance	
Airborne Insulation (D _{nfw}):	43 dB
Impact Insulation (L _{nfw}):	67 dB

[†] 600 x 900mm panels available for perimeter detailing.

* Pivot-head adaptors and Nickel plated pedestals available upon request.

§ Warranty only valid when a full Tate system including panels and understructure is installed.

The oversize version of these panels must be screw fixed to the pedestals using 2 M6 x 45mm Simploc screws through the pre-drilled & countersunk holes.

For perimeter detail using oversize panels, please refer to drawing SD19002.

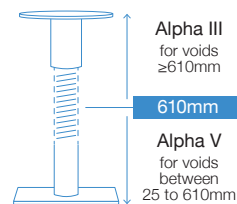
Please contact Tate Technical team for a copy or for any further advice.

- All working loads perform to a 3x safety factor.
- Floor void heights from 25mm to 1200mm 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.

[^] 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.

A 1.5mm extended stringer is required for use with Alpha III pedestals with Gravity lay & Oversize panel versions. No stringer required for Simploc version.

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 providing full access to the floor void.

- 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



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