

RAISED ACCESS FLOOR SYSTEM

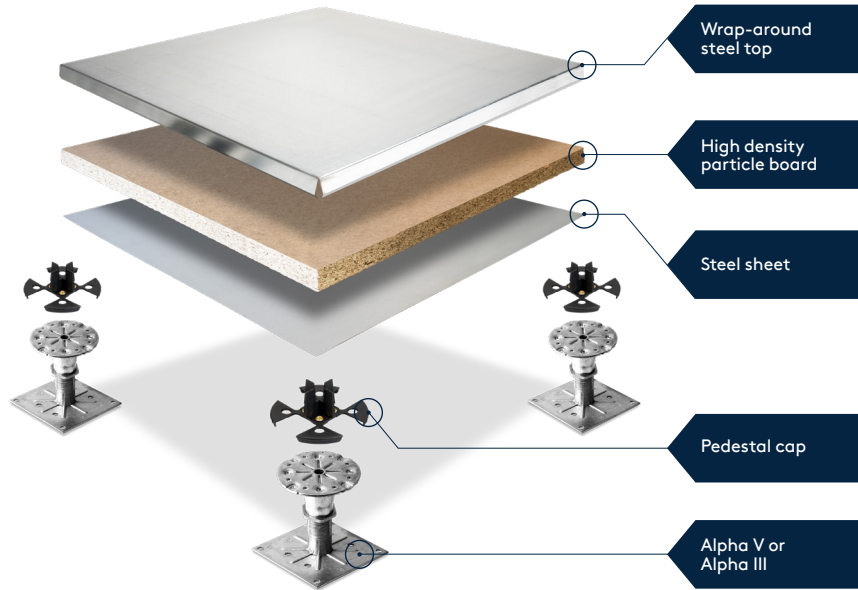
EN 12825

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.

We've invested in research and development to optimise our energy and raw material usage. This system is manufactured in our advanced, energy efficient manufacturing facility where 94% of the energy used is from sustainable sources.



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 Bfl-s1
Resistance:	EN13501:2 R30r/RE30r

System Sound Performance	With barrier	With barrier & covering	
Airborne Insulation (Dnfw):	41 dB	47 dB	50 dB
Impact Insulation (Lnfw):	69 dB	63 dB	52 dB

† 600 x 900mm Class 5/6 panels available for perimeter detailing.

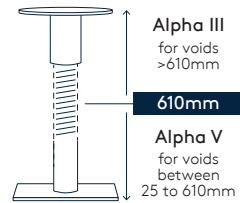
* Pivot-head adaptors and Nickel plated pedestals available upon request.

§ Working load = ultimate load / chosen safety factor. There are two classes of safety factor either 2 or 3.

- Finished floor heights from 60mm 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 Kingspan range of pedestals.

Pedestal Options

Steel pedestals* coated with an environmentally friendly clear passivation.



Pedestal Adhesive:

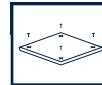
Standard or Acoustic pedestal adhesives available.

Stringers



Recommended for additional lateral stability in the following applications:

- 600-800mm void heights: clip-on stringer system
- >800mm void heights: screw-down stringer system



Simplic 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.



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.



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