

# RAISED ACCESS FLOOR SYSTEM

## EN 12825

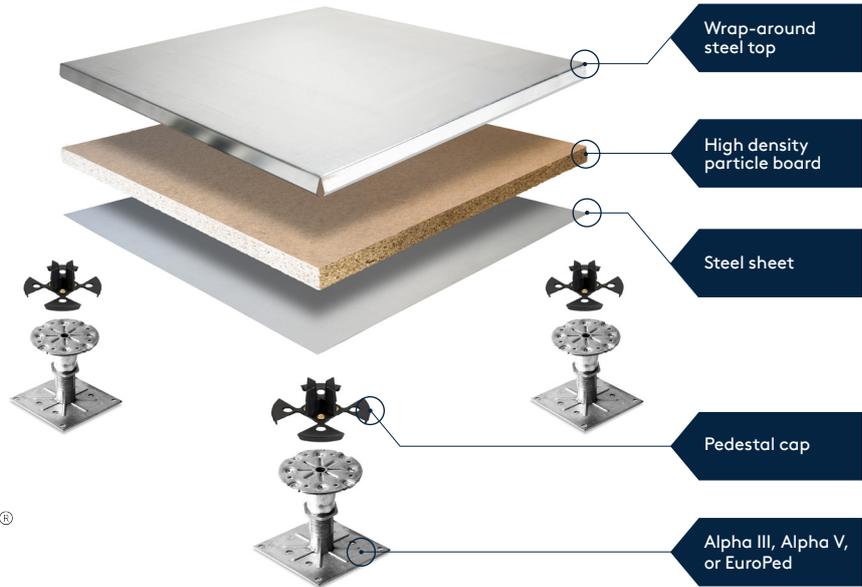
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# RG3

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.



**EPD**<sup>®</sup>  
THE INTERNATIONAL EPD<sup>®</sup> SYSTEM

### Panels

Thickness:	31mm Nominal
System Weight:	31kg/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 8kN

### Panel Fire Performance

Reaction:	EN13501:1 Bfl-s1
Resistance:	REI60r

### System Sound Performance

	EuroPed	Alpha V
Airborne Insulation $D_{n,f,w}$ (C;C <sub>tr</sub> ):	42 dB	44 dB
Impact Insulation $L_{n,t,w}$ (CI):	71 dB	67 dB

† 600 x 900mm panels available for perimeter detailing.

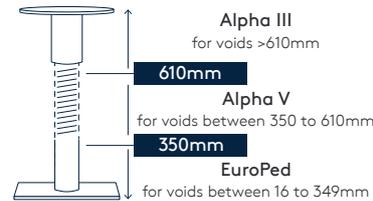
\* Pivot-head adaptors and Nickel plated pedestals available upon request.

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

- Floor void heights from 16mm 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:

- < 610mm void heights: clip-on stringer system
- > 610mm void height: screw-down stringer system

### 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.

### 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.

### Kingspan BIM 360



To access our BIM drawings scan here and register

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