

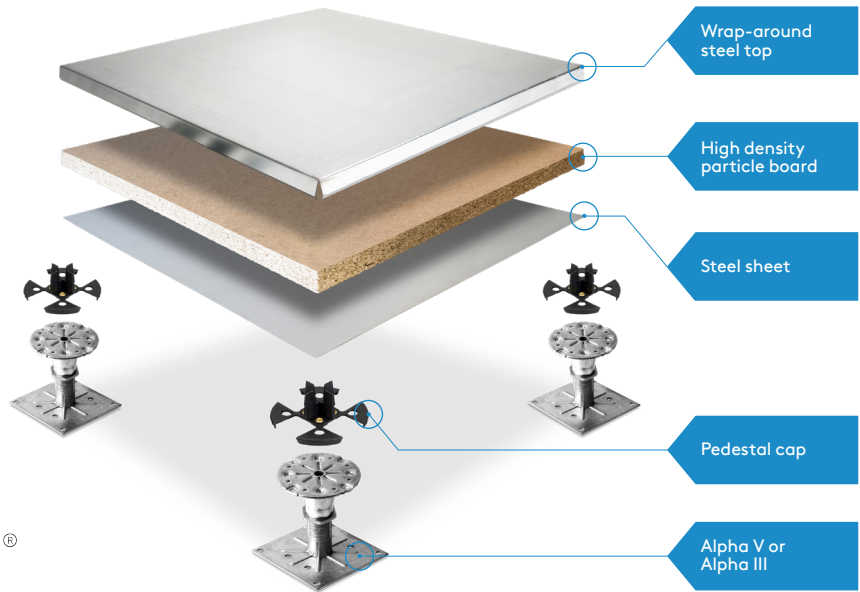
# RHG600

## HEAVY GRADE

For: Heavy Office use

The fully encapsulated panel comprises of a wrap around steel top and a steel base plate that are 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 has EPD & HPD certification and is manufactured in our advanced, energy efficient manufacturing facility where 94% of the energy used is from sustainable sources.



Panels	
Thickness:	32mm Nominal
System Weight:	44kg/m <sup>2</sup> Nominal
Panel Size:	600mm x 600mm <sup>†</sup>
Core Material:	30mm high density particle board
Category:	Loose lay

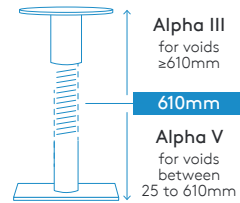
System Performance	
Point load 25 x 25mm:	4.5kN
Uniformly Distributed Load (UDL):	12kN/m <sup>2</sup>

Panel Fire Performance	
Fire Class:	BS476-6 & BS476-7
Reaction:	EN13501:1 Bfl-s1
Resistance:	EN13501:2 R30r/RE30r

System Sound Performance	With barrier	With barrier & covering
Airborne Insulation (Dnfw):	41 dB	44 dB
Impact Insulation (Lnfw):	74 dB	67 dB

### 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

### 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.

### 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.

- All working loads perform to a 3x safety factor.
- Finished floor heights from 60mm to 1200mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.
- Structural performance based upon a full Kingspan system i.e. panels & pedestals.

<sup>†</sup> 600 x 900mm medium/heavy grade panels available for perimeter detailing.

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

§ Warranty only valid when a full Kingspan Access Floor system including panels and understructure is installed.



### Kingspan Access Floors

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