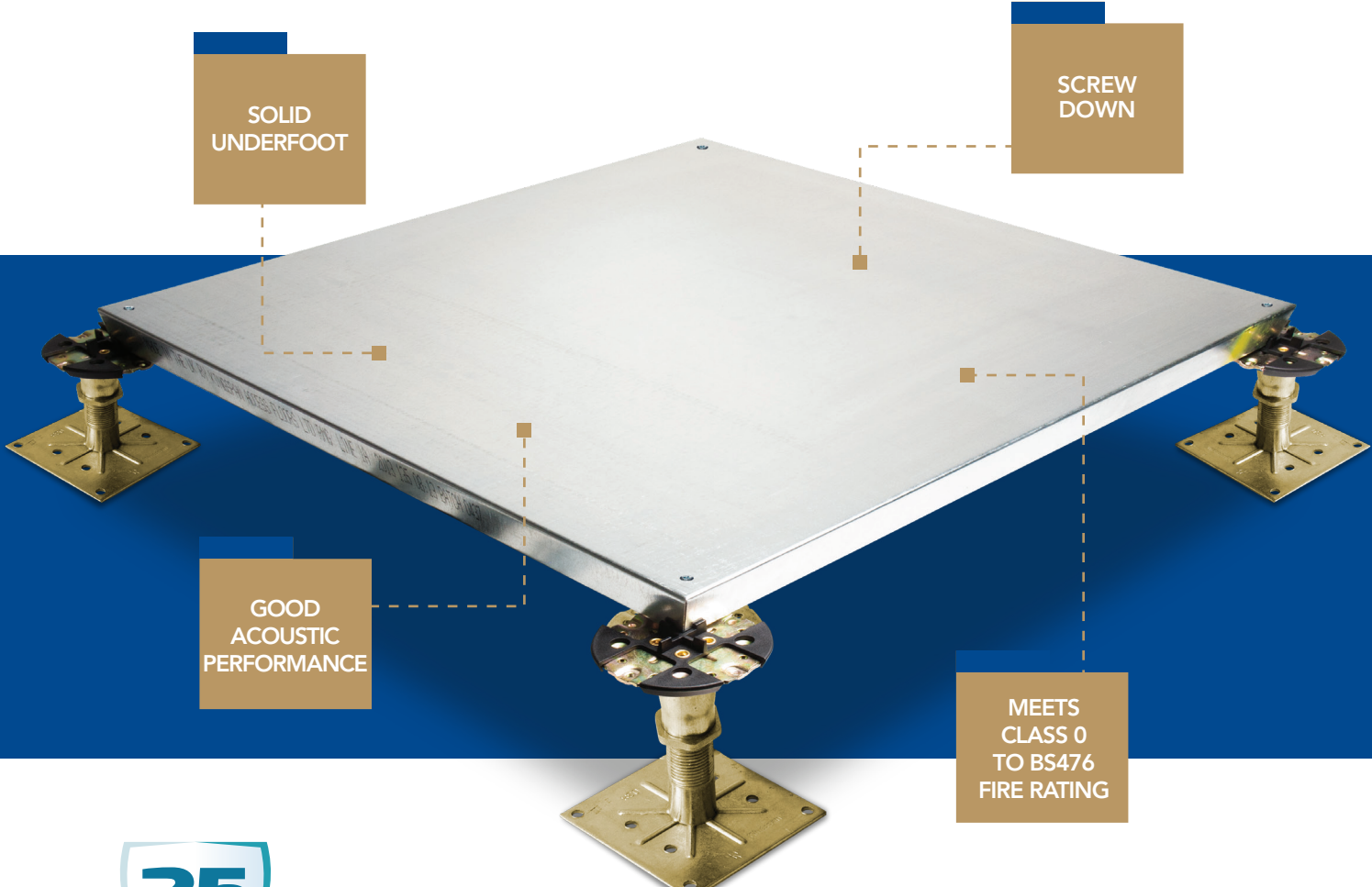




RG Simploc PSA

Access Flooring System



SOLID UNDERFOOT

SCREW DOWN

GOOD ACOUSTIC PERFORMANCE

MEETS CLASS 0 TO BS476 FIRE RATING



Kingspan provides an unprecedented 25 year Total System Warranty on our encapsulated systems – and we are the only access flooring company in the UK that has been in existence long enough to be able to stand by a warranty of that length.

This system is independently tested in accordance with the PSA MOB PF2 PS/SPU Specification to Medium Grade.

The design incorporates a unique wrap around construction which makes panel removal and replacement easy whilst also improving panel edge strength.

The panel is constructed around a high performance chipboard core. The galvanised steel shell comprises a top sheet that is wrapped around and laminated to the core. This is then mechanically stitched to the

bottom steel sheet for greater strength and to provide full electrical continuity and static dispersion of the system where required.

The panels are engineered to fine dimensional tolerances for modular control and corner locking to the pedestal head gives rock free solid stability.

PSA

Product performance (based upon a full Kingspan system)

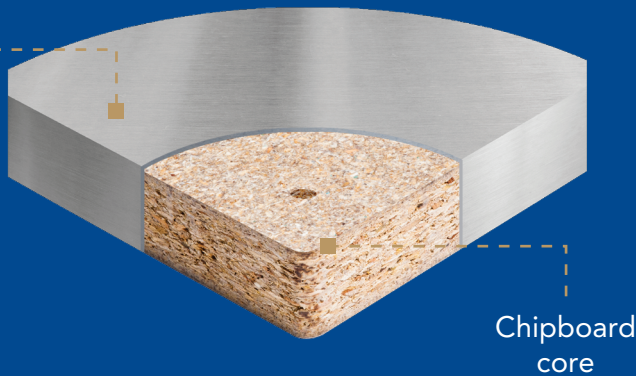
	RLG	RMG	DRF
Point load 25x25mm sq	1.5kN †	3kN †	4.5kN †
Load over 300x300mm sq	2.7kN †	4.5kN †	N/A †
UDL /SGM	6.7kN/m ² †	8kN/m ² †	12kN/m ² †
Airborne sound insulation	39-41dB	39-41dB	39-41dB
Impact sound insulation	71-74dB	71-74dB	71-74dB

† Not less than



Panel Composition

Unique wrap around construction



Chipboard core



Construction

Category	Screw down
Core material	High density particle board
Panel construction	Galvanised steel encapsulated particle board core

Panel dimensions

	RLG600	RMG600	DRF600
Panel thickness (nominal)	31mm	31mm	32mm
System weight (typical)	31kg/m ²	36kg/m ²	44kg/m ²
Panel size	600mm square		

- This screw down floor system is tested in accordance with PSA MOB PS/SPU specification. Panel deflection at centre edge must not exceed 2.4mm based on 24 hour testing.
- Performs to a safety factor of 3 x static load.
- Finished floor heights from 57mm 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 ie panels & pedestals.
- 600mm x 900mm panels are also available in order to minimise perimeter cutting.

Applications, accessories and pedestals for the RG PSA System can be seen in detail on our Special Applications and pedestals datasheet, please ask for details by calling +44 (0) 1482 781701.



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