

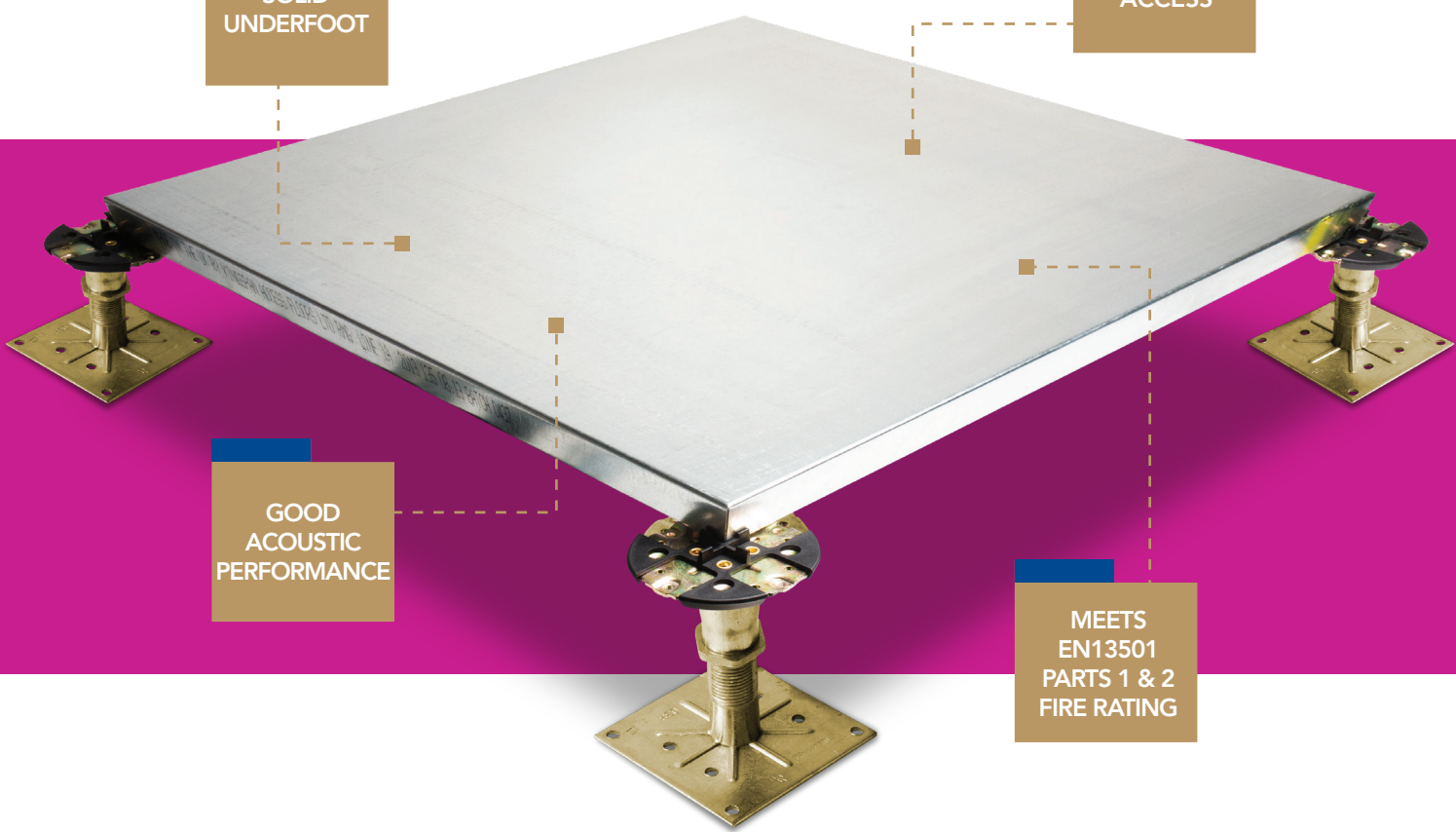


# RG BSEN

## Access Flooring System

SOLID  
UNDERFOOT

SAFE AND  
EASY  
ACCESS



GOOD  
ACOUSTIC  
PERFORMANCE

MEETS  
EN13501  
PARTS 1 & 2  
FIRE RATING

This loose laid system is fully tested to the requirements of the European Standard for raised access floors BSEN12825.

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

The RG panels are based upon a 600mm module 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.

BSEN

## Product performance (based upon a full Kingspan system)

	RG3	RG5	RG6
Ultimate load	In excess of 8kN	In excess of 10kN	In excess of 12kN
Working load with a safety factor of 3	2.67kN	3.33kN	4kN
Working load with a safety factor of 2	4kN	5kN	6kN
Uniformly distributed load*	15kN/m <sup>2</sup>	20kN/m <sup>2</sup>	25kN/m <sup>2</sup>
Airborne sound insulation	38-44dB	38-44dB	38-44dB
Impact sound insulation	67-69dB	67-69dB	67-69dB

\* Does not form part of BSEN 12825.



## Panel Composition

Unique wrap around construction



Chipboard core



## Construction

Category	Loose lay
Core material	High density particle board
Panel construction	Galvanised steel encapsulated particle board core

## Panel dimensions

	RG3	RG5	RG6
Panel thickness (nominal)	31mm	31mm	32mm
System weight (typical)	31kg/m <sup>2</sup>	36kg/m <sup>2</sup>	44kg/m <sup>2</sup>
Panel size	600mm square		

- Tested in accordance with European Standard BS EN12825 for raised access floors.
- Finished floor heights from 60mm to 370mm are available using standard pedestals. For heights outside of this range alternative pedestals are available. Low finished floor heights are achievable. Please contact head office for more details.
- The classifications given are based on the use of the Kingspan range of pedestals.
- Uniformly distributed loads do not form part of EN12825 and are therefore indicative ONLY.

Applications, accessories and pedestals for the RG 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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