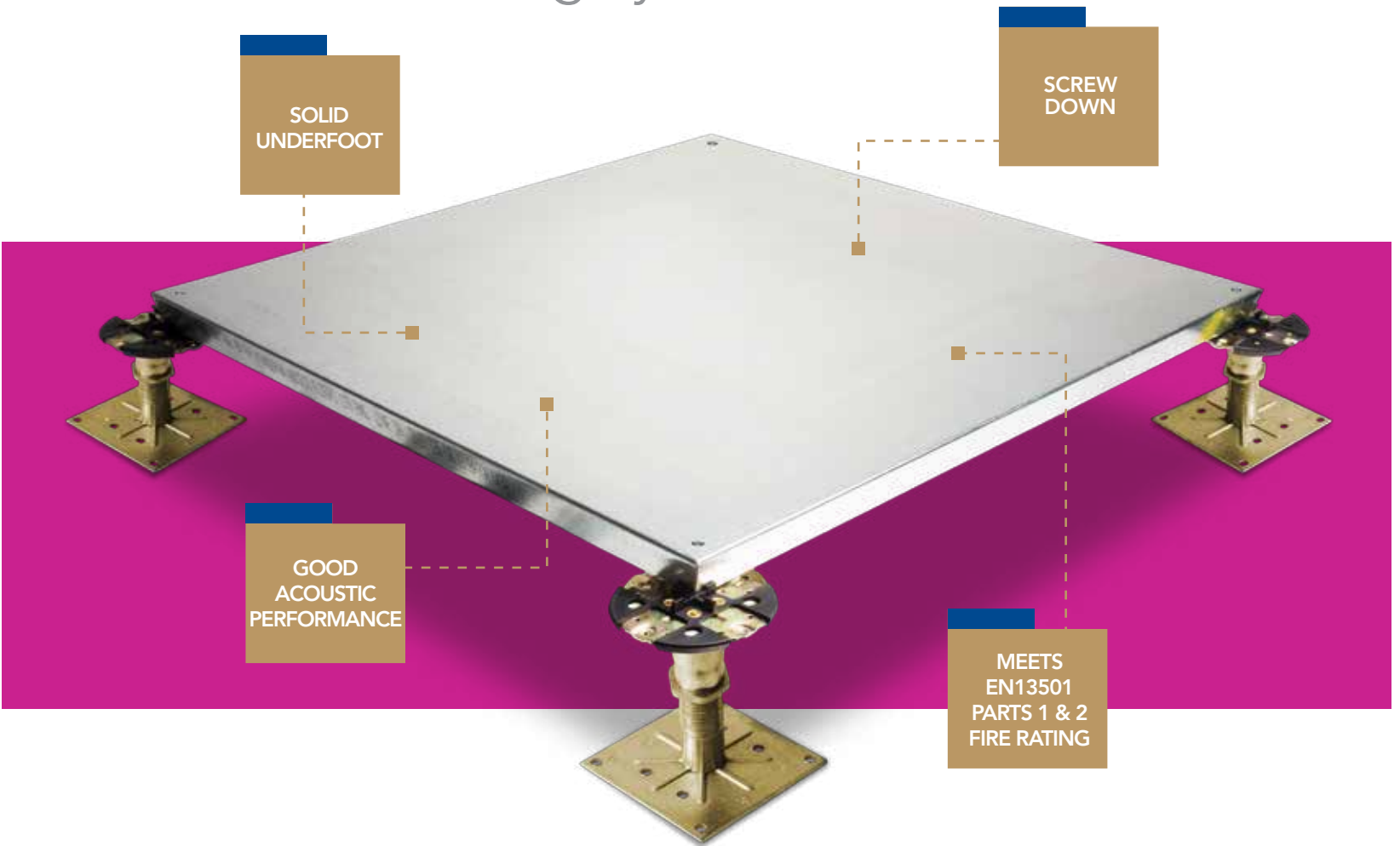




RG Simploc BSEN

Access Flooring System



These systems are 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 panels are 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.

BSEN

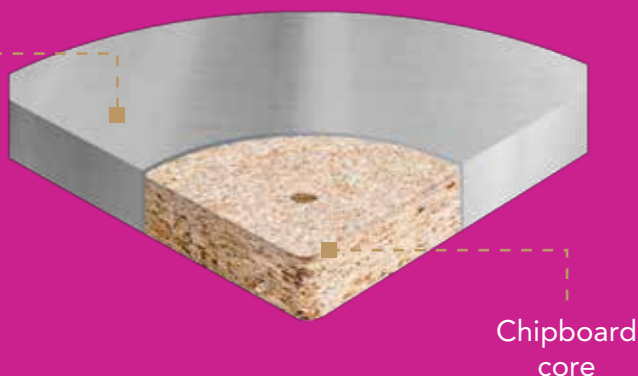
| Product performance (based upon a full Kingspan system) | | | |
|---|---------------------|---------------------|---------------------|
| | RG3 | RG5 | RG6 |
| Ultimate load | In excess of 8kN | In excess of 10kN | In excess of 12kN |
| Working load with a safety factor of 3 | 2.67kN | 3.33kN | 4kN |
| Working load with a safety factor of 2 | 4kN | 5kN | 6kN |
| Uniformly distributed load* | 15kN/m ² | 20kN/m ² | 25kN/m ² |
| 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 | Screw down |
| 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 ² | 36kg/m ² | 44kg/m ² |
| 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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