

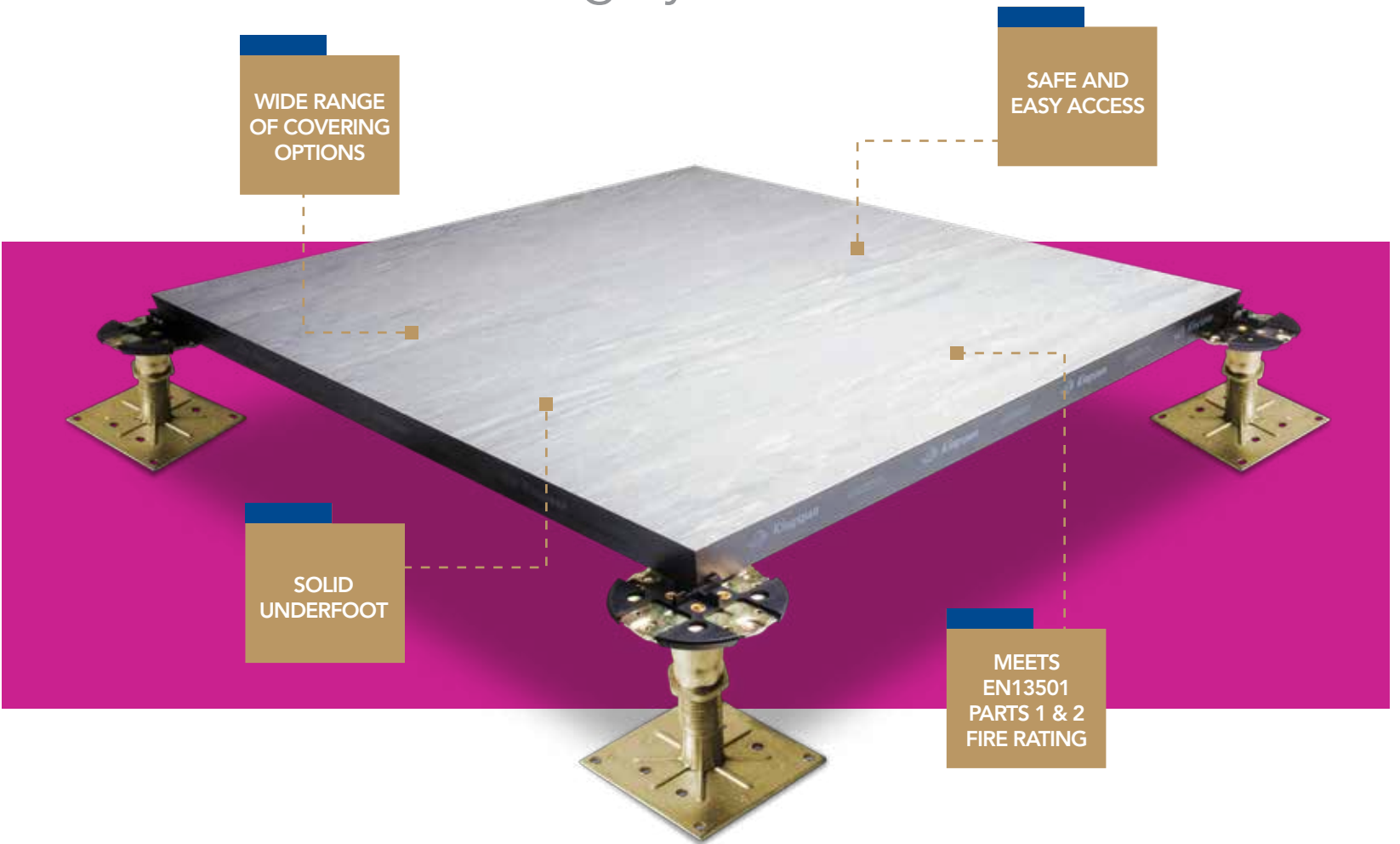


# FDEB BSEN

## Access Flooring System

WIDE RANGE  
OF COVERING  
OPTIONS

SAFE AND  
EASY ACCESS



SOLID  
UNDERFOOT

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 full depth edge band which provides encapsulation of the chipboard core, this also provides protection to the edge of the surface finish.

These panels are based upon a 600mm module constructed around a high performance chipboard core. The top and bottom surfaces are laminated with galvanised steel sheet.

The panels are engineered to fine dimensional tolerances for modular control.

The specified surface finish is then laminated to the top surface before being trimmed to fit flush with the panel sides.

Electrical continuity and static dispersion is provided where required.

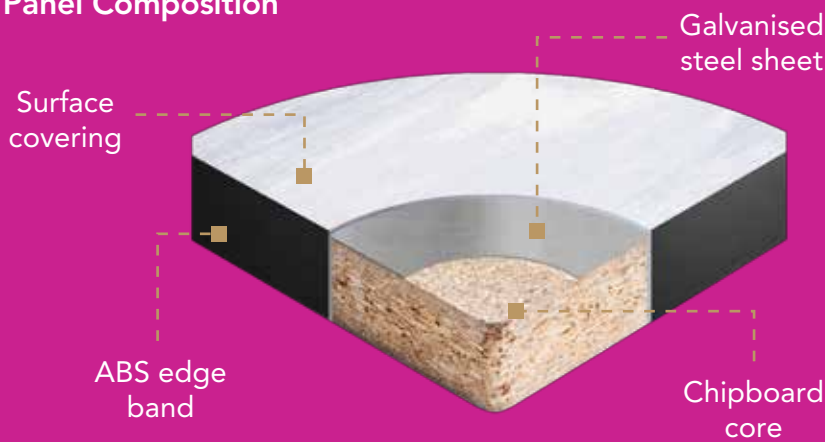
**BSEN**

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

|  | FDEB 1               | FDEB 4              | FDEB 6              |
|--|----------------------|---------------------|---------------------|
| Ultimate load                          | In excess of 4kN     | In excess of 9kN    | In excess of 12kN   |
| Working load with a safety factor of 3 | 1.33kN               | 3kN                 | 4kN                 |
| Working load with a safety factor of 2 | 2kN                  | 4.5kN               | 6kN                 |
| Uniformly distributed load*            | 7.5kN/m <sup>2</sup> | 17kN/m <sup>2</sup> | 25kN/m <sup>2</sup> |

\*Does not form part of BSEN 12825.

## Panel Composition



## Construction

|                    |  |
|--------------------|--|
| Category           | Loose lay  |
| Core material      | High density particle board                                      |
| Panel construction | Galvanised steel sheet, bottom or top & bottom with edge banding |

## Panel dimensions

|                           | FDEB 1              | FDEB 4              | FDEB 6              |
|---------------------------|---------------------|---------------------|---------------------|
| Panel thickness (nominal) | 31mm                | 31mm                | 39mm                |
| System weight (typical)   | 30kg/m <sup>2</sup> | 36kg/m <sup>2</sup> | 52kg/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 1200mm are available using one of our 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.
- Uniformly distributed loads do not form part of EN12825 and are therefore indicative ONLY.

**Applications, accessories and pedestals for the FDEB 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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The mark of responsible forestry