



# TL BSEN

## Access Flooring System

26MM PANEL  
IDEAL FOR  
REFURBISHMENT

MEETS  
EN13501  
PARTS 1 & 2  
FIRE RATING

SCREW  
DOWN

SOLID  
UNDERFOOT

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.

Its slim design of only 26mm also provides maximum usable void within the confines of a given floor height.

The TL3 and TL5 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 and corner locking to the pedestal head gives rock free solid stability.

BSEN

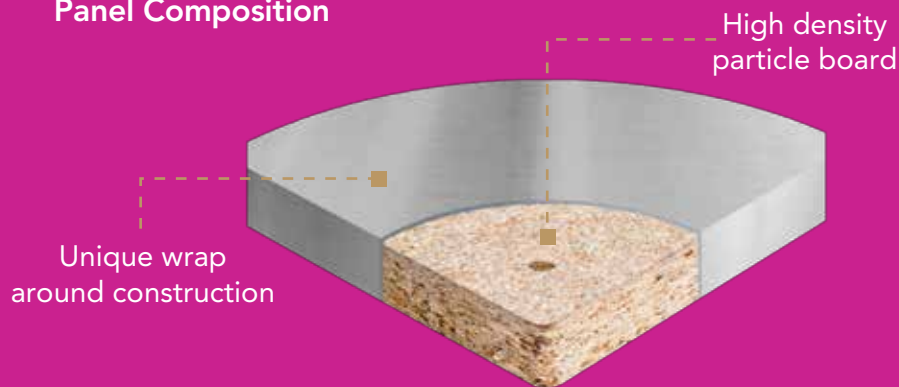
## Product performance (based upon a full Kingspan system)

|  | TL3              | TL5               |
|--|------------------|-------------------|
| Ultimate load                          | In excess of 8kN | In excess of 10kN |
| Working load with a safety factor of 3 | 2.67kN           | 3.3kN             |
| Working load with a safety factor of 2 | 4kN              | 5kN               |
| Uniformly distributed load*            | 15kN             | 20kN              |
| Airborne sound insulation              | 30dB             | 30dB              |
| Impact sound insulation                | 76dB             | 76dB              |

\* Does not form part of BSEN 12825.



## Panel Composition



## Construction

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

## Panel dimensions

|                           | TL3                 | TL5                 |
|---------------------------|---------------------|---------------------|
| Panel thickness (nominal) | 26mm                | 26mm                |
| System weight (typical)   | 30kg/m <sup>2</sup> | 32kg/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 375mm 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 TL BSEN System can be seen in detail on our Special Applications and pedestals datasheet, please ask for details by calling +44 (0) 1482 781701.**



**Kingspan Access Floors Limited**  
 Head Office: Burma Drive, Marfleet, Hull HU9 5SG  
 Tel: +44 (0) 1482 781701 Fax: +44 (0) 1482 799272  
 Email: [info@kingspanaccessfloors.co.uk](mailto:info@kingspanaccessfloors.co.uk) Web: [kingspanaccessfloors.co.uk](http://kingspanaccessfloors.co.uk)

