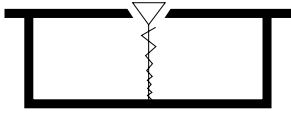
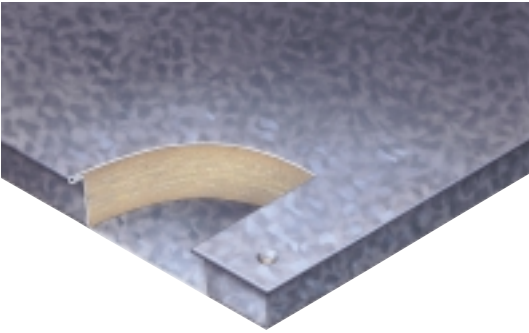


### Identification Icon



### Panel Illustration



### Feature Benefits

- Lock-down system for maximum rigidity and stability
- Structural properties unaffected even during maintenance
- No creaking rocking or jamming panels
- Unauthorised entry deterred
- Total electrical continuity
- Ultimate grid accuracy
- Ultra slim Medium Grade to maximise void space
- 10kg weight reduces floor slab loading - makes lifting easy

### Description

TorLock Medium Grade panels have a robust and rigid design. Specify TorLock Medium for all round performance in general office applications. With a thickness of 26mm TorLock Medium is among the slimmest medium grade systems available.

|                           |  |
|---------------------------|--|
| <b>Category</b>           | Lock-Down                                      |
| <b>Core Material</b>      | High Density Particle Board                    |
| <b>Panel Construction</b> | Galvanised Steel Casing with Die Formed Flange |

### Core and Tray Thickness

|                                  |       |
|----------------------------------|-------|
| <b>Core</b>                      | 25mm  |
| <b>Steel - Top Tray/Sheet</b>    | 0.5mm |
| <b>Steel - Bottom Tray/Sheet</b> | 0.7mm |

### Construction

The 600mm square TorLock Medium Grade panel is manufactured to a depth of 26mm using a high density chipboard core fully bonded and encapsulated within a casing of corrosion-resistant galvanised steel. The panels are engineered to fine dimensional tolerances, for modular control, accurate gridding and prevention of creep. A unique die-formed perimeter flange protects against edge damage and panel jamming.

Full dimensional accuracy ensures that all TorLock Medium panels are fully interchangeable with each other. Corner-locking to the pedestal head gives rock solid stability, safeguarding the floor's structural properties even during heavy maintenance, while still allowing authorised access to the floor void.

### Product Performance

|   | PSA  | Design              |
|---|--|---------------------|
| <b>Concentrated Load (Point Load)</b>   | 3kN over 25mm sq                                 | 4.0kN over 25mm sq  |
| <b>Uniformly Distributed Load (UDL)</b> | 8kN/m <sup>2</sup>                               | 25kN/m <sup>2</sup> |
| <b>Air Leakage @25Pa(with-seal)</b>     | 0.75Ltrs/sec/m <sup>2</sup>                      |                     |
| <b>Fire Rating</b>                      | Class O  |                     |
| <b>Electrical Continuity</b>            | Complies with the IEE Regulations (16th Edition) |                     |

Note: Design loads based on instantaneous testing with a safety factor of 2.

### Panel Dimensions and Weight (Nominal)

|                         |  |
|-------------------------|--|
| <b>Size</b>             | 600 x 600mm                              |
| <b>Thickness</b>        | 26mm                                     |
| <b>Panel Weight</b>     | 10kg                                     |
| <b>Weight of System</b> | 30kg/m <sup>2</sup> (varies with height) |

| Application               |   |
|---------------------------|---|
| Light Office              | ✓ |
| General Office            | ✓ |
| Computer Room             | - |
| Computer Room Heavy       | - |
| Computer Room Extra Heavy | - |

## Typical Application - Office Refurbishment



## Factory Bonded Finishes

|                      | Available |
|----------------------|-----------|
| Bare Faced           | ✓         |
| Fibre Bond Carpet    | -         |
| Marble               | -         |
| Hardwood             | -         |
| Vinyl and Edge Band  | -         |
| HPL and Edge Band    | -         |
| Rubber and Edge Band | -         |
| Modular Carpet       | ✓         |
| Air Seal             | ✓         |

Customer requirements other than listed may be subject to bonding trials prior to acceptance of order.

|                      | Overall Floor Height |                  |                  |                  |                  |
|----------------------|----------------------|------------------|------------------|------------------|------------------|
| <b>Pedestal</b>      | 29-42mm              | 39-62mm          | 49-80mm          | 80-610mm         | 610mm>           |
| <b>Type</b>          | Alpha                | Alpha            | Alpha            | Alpha II         | Alpha III*       |
| <b>Cap Field</b>     | TOR (Green)          | TOR (Green)      | TOR (Green)      | TOR (Green)      | TOR (Green)      |
| <b>Cap Perimeter</b> | Standard (Black)     | Standard (Black) | Standard (Black) | Standard (Black) | Standard (Black) |

\*NS300 pedestal option available

## Special Applications

|                             |  |  |
|-----------------------------|--|--|
| <b>Universal Stringer</b>   | - Snap on  | Provides lateral stability in extreme dynamic load environment   |
|                             | - Bolt on  | Provides lateral stability and load bearing properties where minimal edge deflection is required for rolling load applications |
| <b>Bridging Sections</b>    | Where obstructions prevent the use of pedestals  |  |
| <b>Bracing Bars</b>         | Enhance lateral performance and rigidity to meet heavy rolling loads or seismic requirements     |  |
| <b>Ramp Pedestals</b>       | Pivot head pedestal to support angled ramp panels  |  |
| <b>Fixing Screws</b>        | To affix pedestal to floor in addition to adhesive for greater rigidity at extreme floor heights |  |
| <b>Pedestal Earth Clamp</b> | Provides an electrical connection to the floor system for earth bonding                          |  |
| <b>Foil Tape</b>            | Aluminium tape to seal edge of cut panel   |  |
| <b>Perimeter Gasket</b>     | 20 x 9mm edge foam tape applied to the panel edge between floor and wall if required             |  |



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