

### Permaflor BEM600V, BEH600V & BEX600V

Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors

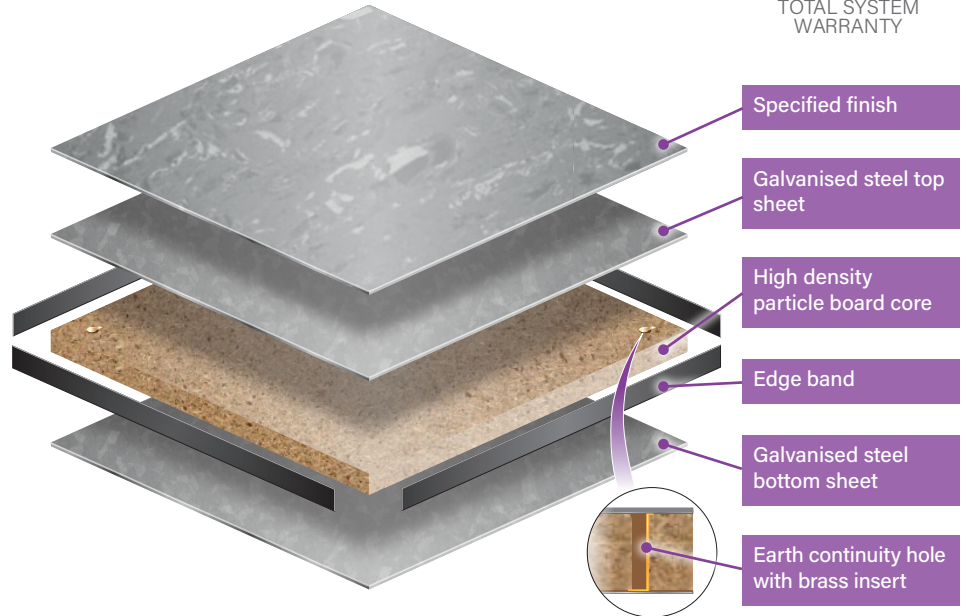
#### Medium, Heavy & Extra Heavy Grade Panel

#### For: Office use, Data Centres and Server Rooms

The panel comprises of a galvanised steel top and bottom sheet that are bonded to an FSC® certified, high density particle board core for greater strength and durability. The panel offers a static dissipative Vinyl or other customer approved finish, then the panel is finished with a full edge banding.

It is designed to be gravity laid with complete electrical continuity and has a high resistance to damage.

Our stock vinyl is available in Light & Dark Grey.




| Panels       |             |                     |                     |
|--------------|-------------|---------------------|---------------------|
| PRODUCT CODE | PANEL GRADE | THICKNESS (Nominal) | SYSTEM WEIGHT       |
| BEM600V      | Medium      | 33mm                | 33kg/m <sup>2</sup> |
| BEH600V**    | Heavy       | 41mm                | 45kg/m <sup>2</sup> |
| BEX600V**    | Extra Heavy | 48mm                | 55kg/m <sup>2</sup> |

| System Performance           |                              |                                  |
|------------------------------|------------------------------|----------------------------------|
| POINT LOAD 25mm <sup>2</sup> | LOAD OVER 300mm <sup>2</sup> | (UDL) Uniformly Distributed Load |
| 3.0 kN                       | 4.5 kN                       | 8.0 kN                           |
| 4.5 kN                       | N/A                          | 12.0 kN                          |
| 4.5 kN                       | 11.0 kN                      | 12.0 kN                          |

| Acoustic Performance |          |         |        |          |         |
|----------------------|----------|---------|--------|----------|---------|
| AIRBOURNE            |          |         | IMPACT |          |         |
| Bare                 | Covering | Barrier | Bare   | Covering | Barrier |
| 43 dB                | 45 dB    | 51 dB   | 68 dB  | 55 dB    | 56 dB   |
| 43 dB                | 45 dB    | 51 dB   | 68 dB  | 55 dB    | 56 dB   |
| 43 dB                | 45 dB    | 51 dB   | 68 dB  | 55 dB    | 56 dB   |

| Technical        |   |
|------------------|---|
| FIRE PERFORMANCE | Class 'O' spread of flame, BS476-6 & BS476-7.                             |
| KEY DIMENSIONAL  | Length: ± 0.4mm; Square: 600×600 <sup>†</sup> ± 0.5mm; Thickness ± 0.5mm. |

| Pedestal Options  |  |
|---|--|
|  | Steel pedestals are electro plated and coated with an environmentally friendly clear passivation.<br><b>BH</b> Void Range 26 - 675mm<br><b>BX</b> Void Range 75 - 1525mm<br>Pedestal caps available for all requirements and include a brass insert for electrical continuity. Pivot pedestal head and nickel plated pedestals also available. |

| Finish Option   |  |
|---|--|
| All standard panels will be covered with our Gerflor Mipolan EL7 Robust static dissipative vinyl, other options include HPL, Wood, Ceramic and Stone. |  |

| Underfloor Plenum   |  |
|---|--|
| This system can be supplied with neoprene gaskets to minimise air loss through the raised floor surface from the underfloor plenum to aid air circulation, distribution and management. |  |

| Stringers   |  |
|---|--|
| Recommended for additional lateral stability in the following applications:<br>• 600-800mm void heights: Clip-on stringer system<br>• >800mm void heights: Screw-down stringer system |  |

<sup>†</sup> 600 x 900mm Medium and Heavy Grade panels available for perimeter detailing.  
# Warranty only valid when a full Bathgate Access Floor system including panels and understructure is installed.  
\*\* Acoustic performance is expected to perform in excess of these figures based on the density and thickness of the particleboard. (figures shown are based on tests for the 30mm edge banded panel).

• Finished floor heights from 60mm to 1200mm are available using standard pedestals. For heights outside of this range alternative pedestals are available.  
• Structural performance based upon a full Bathgate system i.e. panels & pedestals.  
• All point and UDL loads perform to a 3x safety factor.



Supply & Install 01432 347 700 info@bathgateflooring.co.uk

Supply Only 01432 347 722 supplyonly@bathgateflooring.co.uk

Bathgate Flooring Unit 6G Thorn Business Park Hereford HR2 6JT

bathgateflooring.co.uk