

## Permaflor BGM600 & BGH600

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

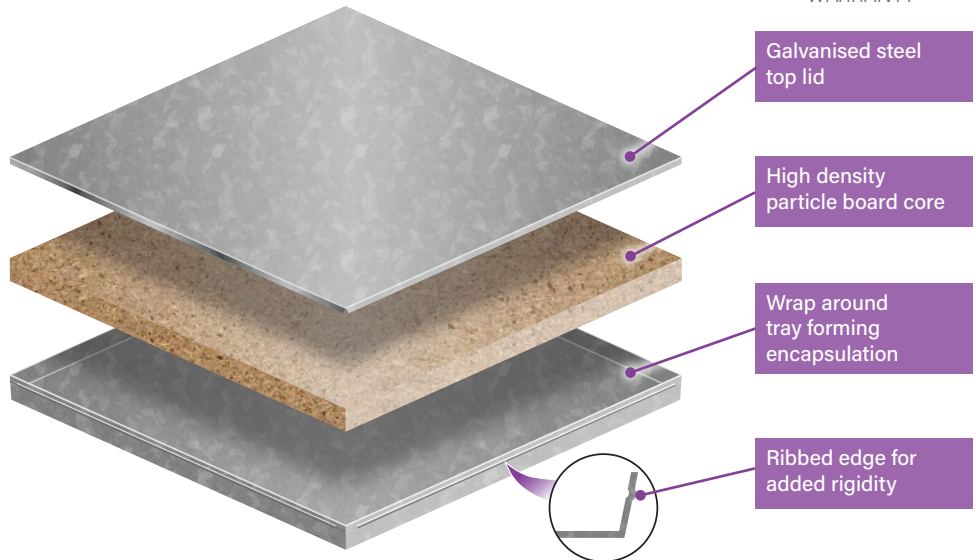


### Medium & Heavy Grade Panel

#### For: General and Heavy Office use

The fully encapsulated panel comprises of a steel top and base plate that are adhesive bonded and mechanically pressed around an FSC® certified high density particle board core for greater strength and durability.

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



| Panels       |             |                     |                     |
|--------------|-------------|---------------------|---------------------|
| PRODUCT CODE | PANEL GRADE | THICKNESS (Nominal) | SYSTEM WEIGHT       |
| BGM600       | Medium      | 31mm                | 33kg/m <sup>2</sup> |
| BGH600*      | Heavy       | 32mm                | 37kg/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                       | -                            | 12.0 kN                          |

| Acoustic Performance |          |         |        |          |         |
|----------------------|----------|---------|--------|----------|---------|
| AIRBOURNE            |          |         | IMPACT |          |         |
| Bare                 | Covering | Barrier | Bare   | Covering | Barrier |
| 42 dB                | 45 dB    | 51 dB   | 68 dB  | 55 dB    | 56 dB   |
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| Technical        |                                                              |
|------------------|--------------------------------------------------------------|
| FIRE PERFORMANCE | Class 'O' spread of flame, BS476-6 & BS476-7.                |
| KEY DIMENSIONAL  | Length: ± 0.4mm; Square: 600×600 ± 0.5mm; Thickness ± 0.5mm. |

### Pedestal Options



Steel pedestals are electro plated and coated with an environmentally friendly clear passivation.

**BH** Void Range 26 - 675mm  
**BX** Void Range 75 - 1525mm

Pedestal caps available for all requirements and include a brass insert for electrical continuity. Pivot pedestal head and nickel plated pedestals also available.

### Screw Down Option

This system is available with pre-drilled holes allowing the panels to be screwed down to the pedestals whilst still providing full access to the floor void. (Please see separate datasheet)

### 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:

- 600-800mm void heights: Clip-on stringer system
- >800mm void heights: Screw-down stringer system

\* 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 steel encapsulated 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.

