

## Permaflor BGM600S, BGM600LS & BGH600S

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

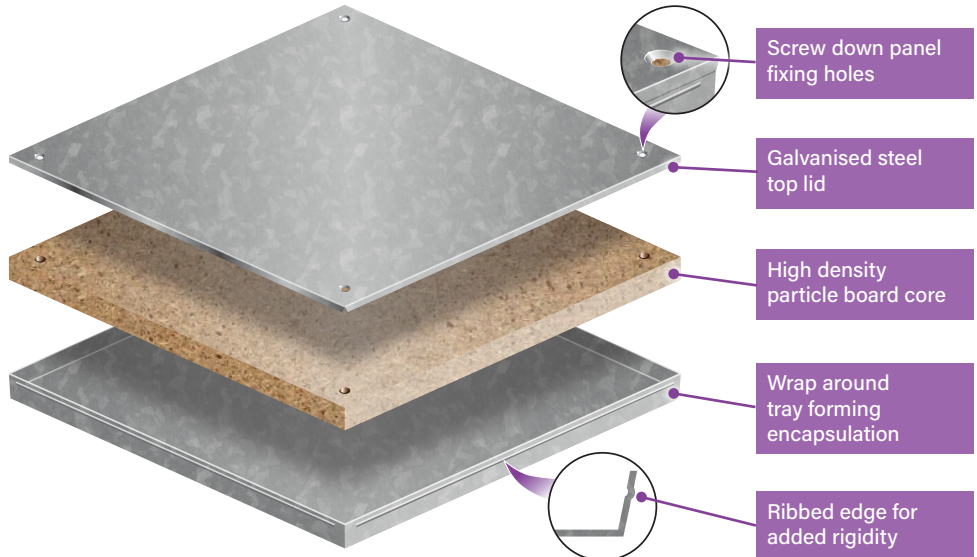


### Medium & Heavy Grade Panel

#### 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 screwed down with complete electrical continuity and has a high resistance to damage.



Panels			
PRODUCT CODE	PANEL GRADE	THICKNESS (Nominal)	SYSTEM WEIGHT
BGM600S	Medium	31mm	33kg/m <sup>2</sup>
BGM600LS*	Medium	26mm	32kg/m <sup>2</sup>
BGH600S**	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
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.

### Gravity Laid Option

This system is available without pre-drilled holes allowing the panels simply to be gravity laid on to the pedestal. (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 could be less than shown based on density and thickness of the particleboard. (figures shown are based on tests for the 30mm steel encapsulated panel).

\*\* 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.



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