

PSA Steel Encapsulated Panel

BGM600 & BGH600

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

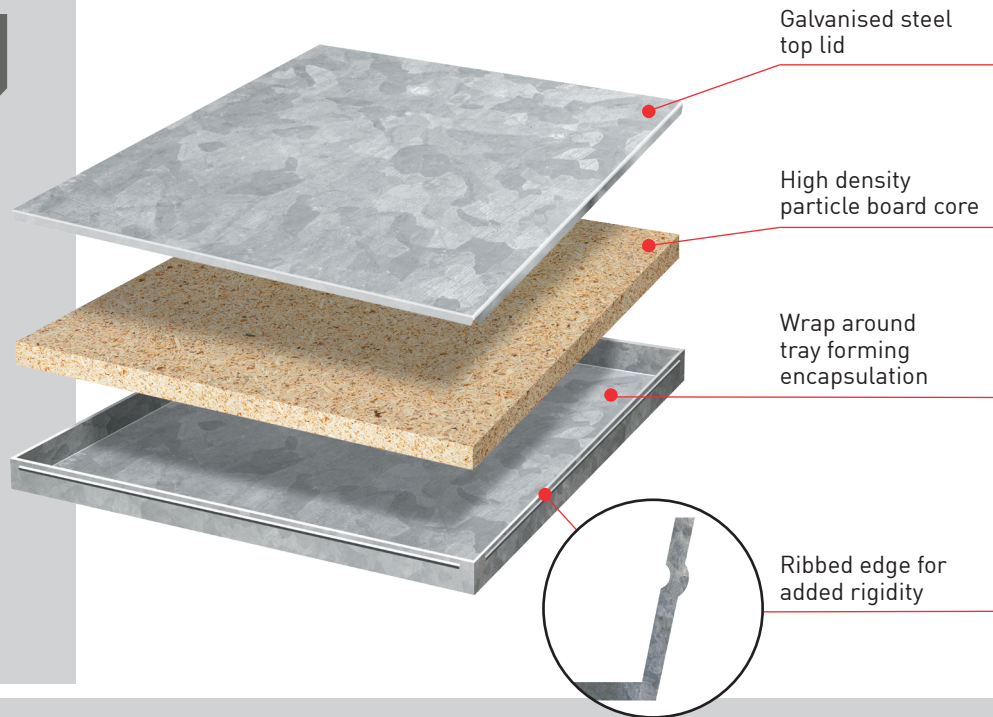


Medium & Heavy Grade Panel

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 a 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				System Performance			Acoustic Performance					
Product Code	Panel Grade	Thickness (Nominal)	System Weight	Point Load 25mm ²	Load Over 300mm ²	(UDL) Uniformly Distributed Load	Airbourne Bare Covering Barrier			Impact Bare Covering Barrier		
BGM600	Medium	31mm	33kg/m ²	3.0 kN	4.5 kN	8.0 kN	42 dB	45 dB	51 dB	68 dB	55 dB	56 dB
BGH600*	Heavy	32mm	37kg/m ²	4.5 kN	N/A	12.0 kN	42 dB	45 dB	51 dB	68 dB	55 dB	56 dB

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

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.



- # Warranty only valid when a full RMF 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 RMF Access Floor system i.e. panels & pedestals.
- All point and UDL loads perform to a 3x safety factor.



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