

# PSA Steel Encapsulated Panel

BGM600S, BGM600LS & BGH600S

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

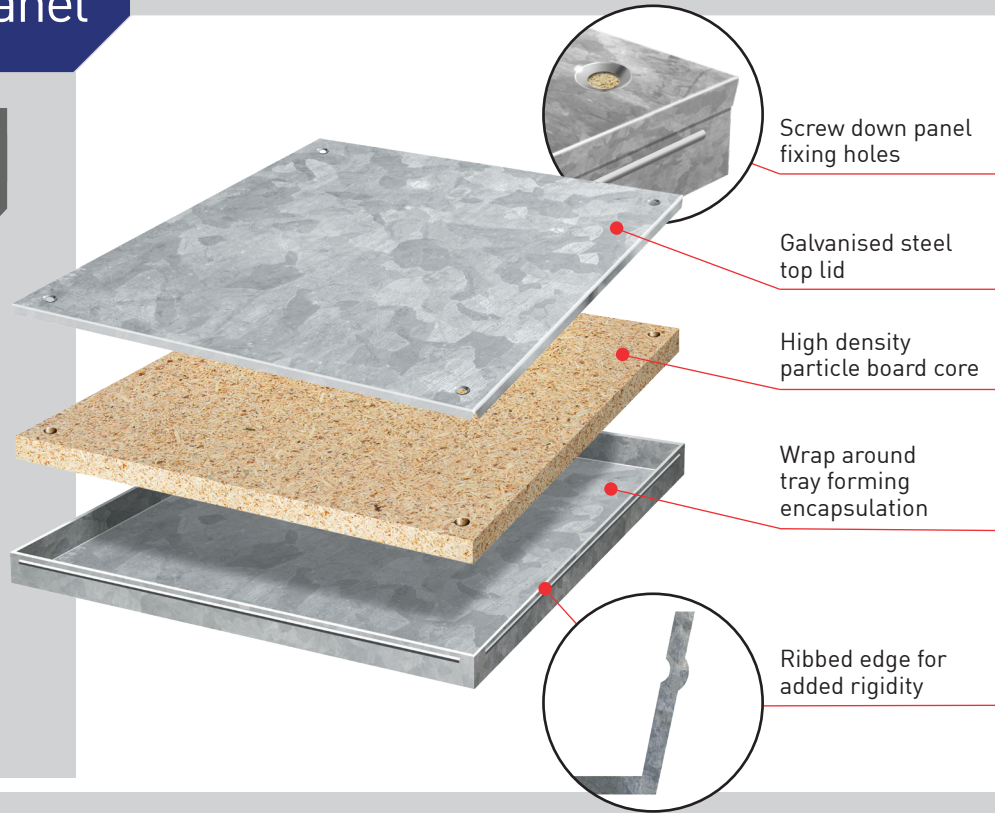
**25<sup>#</sup>**  
**YEAR**  
WARRANTY

## Medium & Heavy Grade Panel Screw down 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 screwed down 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 <sup>2</sup>	Load Over 300mm <sup>2</sup>	(UDL) Uniformly Distributed Load	Airbourne Bare Covering Barrier			Impact Bare Covering Barrier		
<b>BGM600S</b>	Medium	31mm	33kg/m <sup>2</sup>	3.0 kN	4.5 kN	8.0 kN	42 dB	45 dB	51 dB	68 dB	55 dB	56 dB
<b>BGM600LS*</b>	Medium	26mm	32kg/m <sup>2</sup>	3.0 kN	4.5 kN	12.0 kN	42 dB	45 dB	51 dB	68 dB	55 dB	56 dB
<b>BGH600S**</b>	Heavy	32mm	37kg/m <sup>2</sup>	4.5 kN	N/A	12.0 kN	42 dB	45 dB	51 dB	68 dB	55 dB	56 dB

### 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

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

**rmf**  
**RAISED MODULAR  
FLOORING**

RMF Installation and  
Services Limited  
Unit 23 St Mary's Road  
Sydenham Industrial Estate  
Leamington Spa  
Warwickshire  
CV31 1PR

call the experts: **01926 425289**

or email: **info@rmf-services.co.uk**

**rmf-services.co.uk**