

Permaflor BEM600V, BEH600V & BEX600V

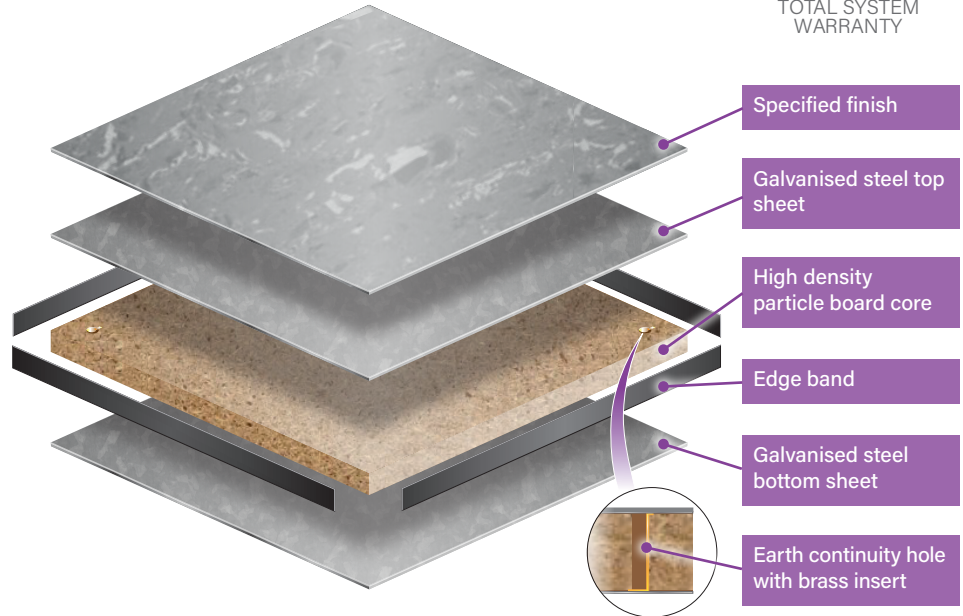
Tested in accordance with PSA MOB PF2 PS/SPU for raised access floors

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.



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

System Performance		
POINT LOAD 25mm ²	LOAD OVER 300mm ²	(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
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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.

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

[†] 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.

