

### Permaflor BEM600W

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

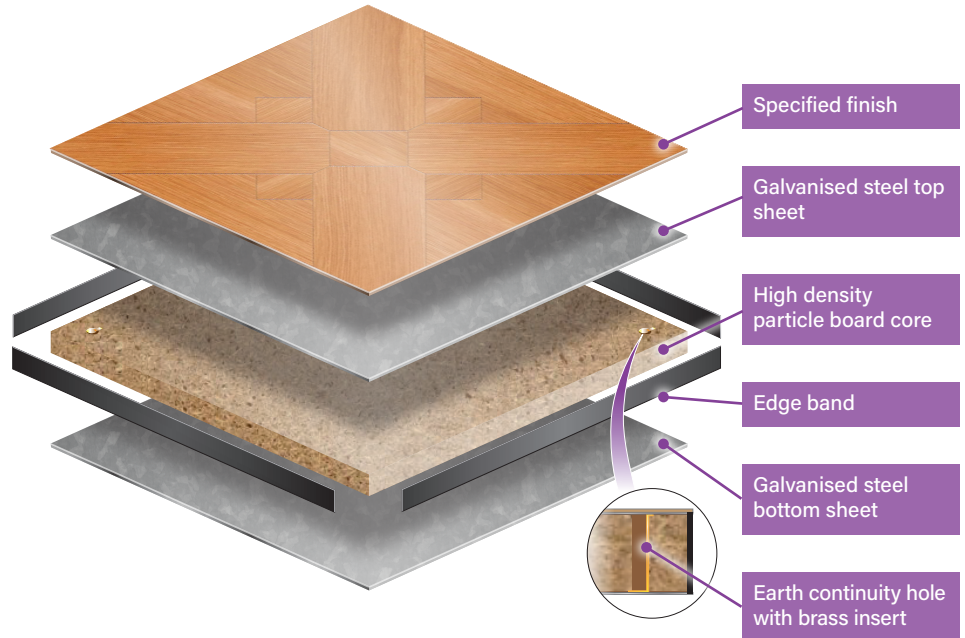


#### Medium Grade Panel

#### For: General Use

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. It is then covered with a factory applied, real wood lamella from the range of finishes below 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
BEM600W	Medium	38mm	39kg/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

Acoustic Performance					
AIRBOURNE			IMPACT		
Bare	Covering	Barrier	Bare	Covering	Barrier
43 dB	45 dB	51 dB	68 dB	55 dB	56 dB

Technical	
FIRE PERFORMANCE	Class 'O' spread of flame, BS476-6 & BS476-7.
KEY DIMENSIONAL	Length: ± 0.4mm; Square: 600×600 <sup>†</sup> ± 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

Other finish options include Vinyl, HPL, Ceramic, Stone and Aluminium Chequer Plate.

#### 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

<sup>†</sup> 600 x 900mm Medium and Heavy Grade panels available for perimeter detailing.

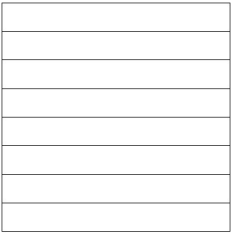
# Warranty only valid when a full Bathgate Access Floor system including panels and understructure is installed.

\*\* 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.



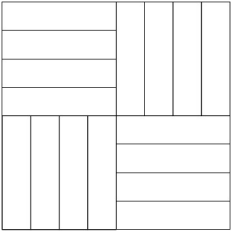
8/9 Strip



Cherry



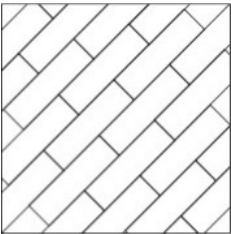
Four



Walnut



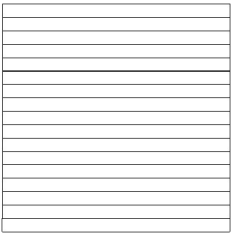
Diagonal Short Strip



Antique Oak



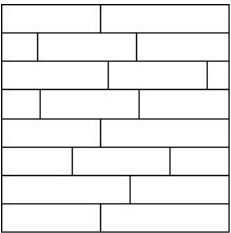
Industrial 5 mm Stave



European Oak



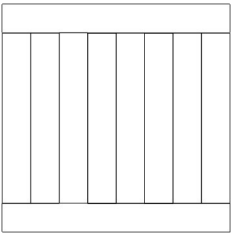
Standard Short Strip



European Oak



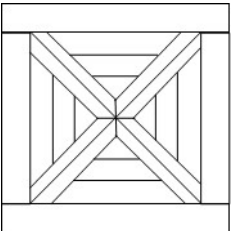
Cassero



Maple



Bespoke

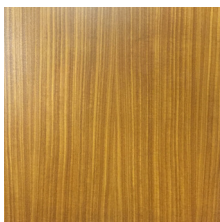
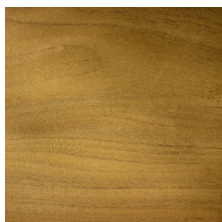


Asian Teak

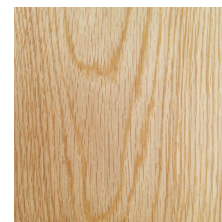


## Woods Available (All Patterns)

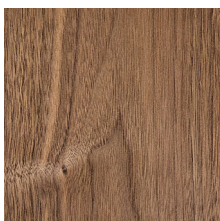
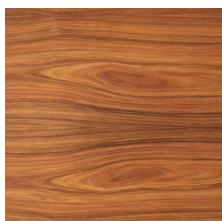
Afrormosia



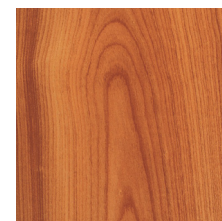
European  
Oak



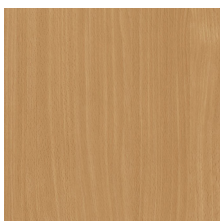
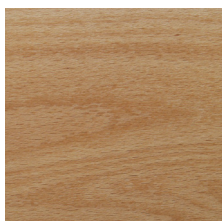
Walnut



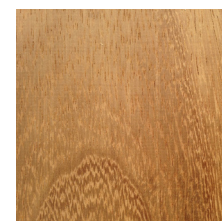
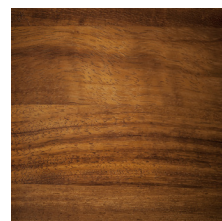
European  
Cherry



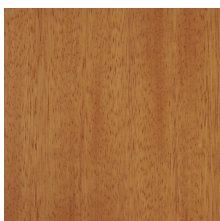
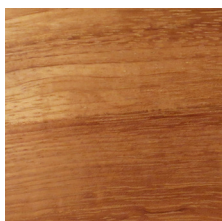
Beech



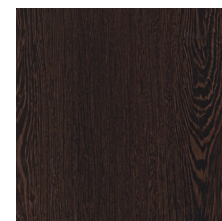
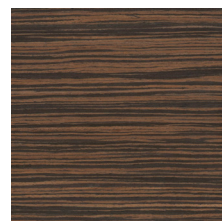
Iroko



Doussie



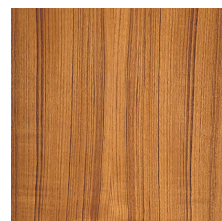
Wenge



Wood is a natural product and natural variances in colour and texture will be visible. These colour swatches are a guide only.

Available in Medium and Heavy Grade Panel formats.

Asian Teak



Supply & Install



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Supply Only



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