



# **Woodcore Raised Floor**

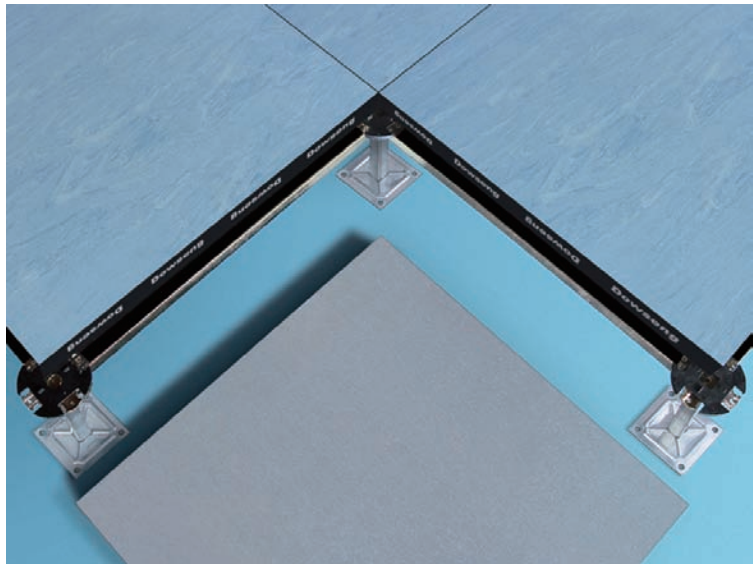
## Product Guide







# Woodcore Raised Floor



With modular system made of woodcore chipboard, with excellent acoustics performance, Dowseng® Woodcore Raised Floor is widely used in Middle East, Africa and Europe raised floor market.

**Steel/HPL/Vinyl Finished Woodcore Panel  
+ Bolted Stringer System**

- Dimension: 600mm x 600mm.
- Woodcore panel grades: WB800, WB1000, WB1250.
- Wide range of HPL/Vinyl finishes.

HPL Finished Woodcore Raised Floor Performance Chart

General Information				Static Loads			Rolling Loads		Impact Loads
Woodcore Panel	Thickness	Understructure	System Weight	Concentrated Loads	Ultimate Loads	Uniform Loads	10 Passes	10,000 Passes	
WB800H	40mm	Bolted Stringer	6.7lbs/ft² 32kg/m²	800lbs 363kg	2400lbs 1089kg	300lbs/ft² 14.35kPa	600lbs 272kg	500lbs 226kg	150lbs 68kg
WB1000H	40mm	Bolted Stringer	7.1lbs/ft² 34kg/m²	1000lbs 454kg	3000lbs 1363kg	350lbs/ft² 16.75kPa	800lbs 363kg	600lbs 272kg	150lbs 68kg
WB1250H	40mm	Bolted Stringer	7.5lbs/ft² 36kg/m²	1250lbs 567kg	3750lbs 1701kg	400lbs/ft² 19.1kPa	1000lbs 454kg	800lbs 363kg	150lbs 68kg

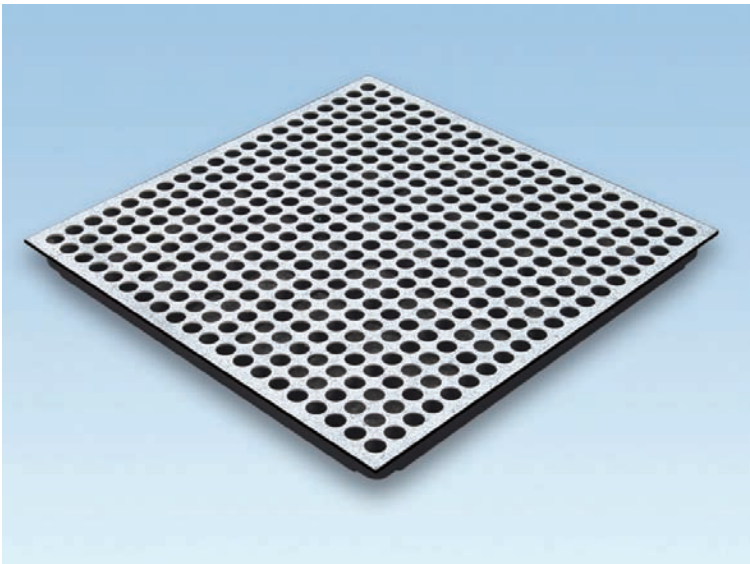
Vinyl Finished Woodcore Raised Floor Performance Chart

General Information				Static Loads			Rolling Loads		Impact Loads
Woodcore Panel	Thickness	Understructure	System Weight	Concentrated Loads	Ultimate Loads	Uniform Loads	10 Passes	10,000 Passes	
WB800V	40mm	Bolted Stringer	7.1lbs/ft² 34kg/m²	800lbs 363kg	2400lbs 1089kg	300lbs/ft² 14.35kPa	600lbs 272kg	500lbs 226kg	150lbs 68kg
WB1000V	40mm	Bolted Stringer	7.5lbs/ft² 36kg/m²	1000lbs 454kg	3000lbs 1363kg	350lbs/ft² 16.75kPa	800lbs 363kg	600lbs 272kg	150lbs 68kg
WB1250V	40mm	Bolted Stringer	7.9lbs/ft² 38kg/m²	1250lbs 567kg	3750lbs 1701kg	400lbs/ft² 19.1kPa	1000lbs 454kg	800lbs 363kg	150lbs 68kg



## Bolted Stringer System

- Finished floor heights: 150mm ~ 1200mm.
- PVC taped stringer provides excellent loading and air-tightness performance.
- Dowseng® Woodcore Raised Floor is Zinc Whisker Free.



## Bare/HPL/Vinyl Finished Perforated Steel Panel

- Dimension: 600mm x 600mm.
- Perforated panel airflow rate 50%.
- Perforated panel grades: PERF1000, PERF1250.
- Wide range of HPL/Vinyl finishes.

Perforated Panel For Woodcore Raised Floor Performance Chart

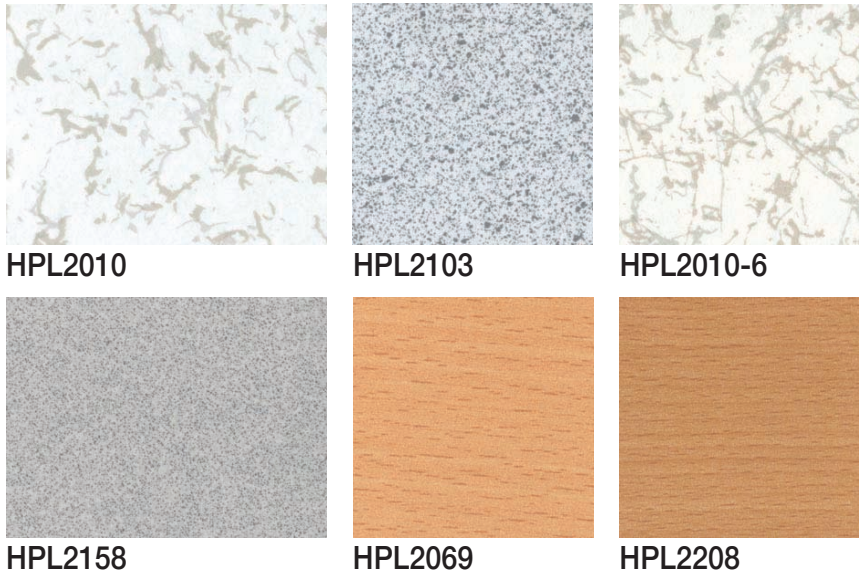
General Information				Static Loads			Rolling Loads		Impact Loads
Perforated Panel	Top Steel	Understructure	System Weight	Concentrated Loads	Ultimate Loads	Uniform Loads	10 Passes	10,000 Passes	
PERF1000	1.5mm	Bolted Stringer	6.7lbs/ft² 32kg/m²	1000lbs 454kg	3000lbs 1363kg	350lbs/ft² 16.75kPa	Not Recommended		150lbs 68kg
PERF1250	2.0mm	Bolted Stringer	7.3lbs/ft² 35kg/m²	1250lbs 567kg	3750lbs 1701kg	400lbs/ft² 19.1kPa	Not Recommended		150lbs 68kg





**HPL And Vinyl Finishes**

- One of the advantages of a raised access floors is that it is fitted dry to overcome any difficulties on the building's floor slab.
- By offering a wide variety of aesthetical and functional finishes, it is an extremely versatile system which gives the designer great freedom of action.



HPL2010

HPL2103

HPL2010-6

HPL2158

HPL2069

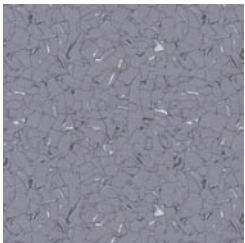
HPL2208

**Dowseng® Dissipative HPL Tile**

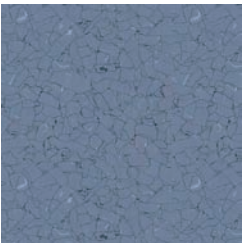
- Thickness: 1.6 mm
- Electrical Resistance:  $1 \times 10^6 \sim 2 \times 10^{10}$  Ohm



C6101



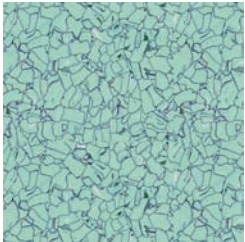
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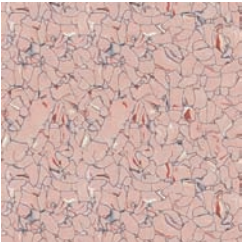
C6091



C601



C6181



C6131

**LG® ESD Control Vinyl Tile**

- Thickness: 2.0 mm
- Electrical Resistance:  $2.5 \times 10^4 \sim 1 \times 10^6$  Ohm



0112-Storm



0002-Platinum



0005-Steel



0306-Green



0013-Pewter



0006-Honey

**Gerflor® MIPOLAM ESD Control Vinyl Tile**

- Thickness: 2.0 mm
- Electrical Resistance:  $1 \times 10^6 \sim 1 \times 10^8$  Ohm





## **Dowseng Limited**

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