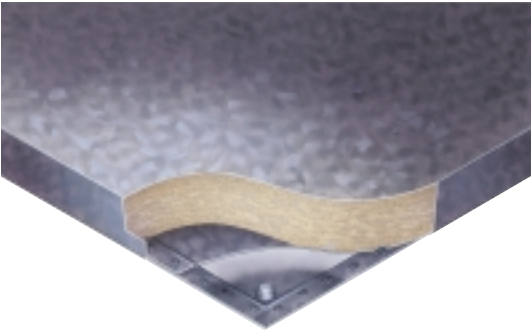


Identification Icon



Panel Illustration



Feature Benefits

- High edge strength reducing edge-to-edge deflection
- Precision construction and location for accurate gridding
- Solid underfoot
- Good acoustic performance
- Safe and easy access
- Excellent lateral stability

Description

RMG600 Medium Grade is a gravity lay panel. It incorporates a unique wrap-around construction which eliminates panel jamming caused by sharp edges. The design also improves edge strength and accessibility. With a wide range of optional factory accessories and applied finishes the system is at the heart of the Kingspan Access Floors' range. RMG600 Medium Grade panel is world renowned for its exceptional characteristics of strength and durability.

Category	Gravity Lay
Core Material	High Density Particle Board
Panel Construction	Galvanised Steel Wrap-Round Encapsulation

Core and Tray Thickness

Core	30mm
Steel - Top Tray/Sheet	0.5mm
Steel - Bottom Tray/Sheet	0.5mm

Construction

The RMG600 is based on a 600mm square module, 31mm deep, constructed around a high performance chipboard core. The galvanised steel shell comprises a top sheet that is wrapped and laminated around the panel. This is then mechanically stitched to the bottom steel tray for greater strength and to provide full electrical continuity of the system.

Die-formed indentations in the panel bottom sheet allow positive location and retention within the system using the pedestal head lugs precision moulded into the ABS cap.

Product Performance

	PSA	Design
Concentrated Load (Point Load)	3kN over 25mm sq	4.0kN over 25mm sq
Uniformly Distributed Load (UDL)	8kN/m ²	25kN/m ²
Air Leakage @25Pa(with-seal)	0.44Ltrs/sec/m ²	
Fire Rating	Class O	
Electrical Continuity	Complies with the IEE Regulations (16th Edition)	

Note: Design loads based on instantaneous testing with a safety factor of 2.

Panel Dimensions and Weight (Nominal)

Size	600 x 600mm
Thickness	31mm
Panel Weight	12kg
Weight of System	36kg/m ² (varies with height)

Application	
Light Office	✓
General Office	✓
Computer Room	-
Computer Room Heavy	-
Computer Room Extra Heavy	-

Typical Application - British Library



Factory Bonded Finishes

	Available
Bare Faced	✓
Fibre Bond Carpet	✓
Marble	✓
Hardwood	✓
Vinyl and Edge Band	-
HPL and Edge Band	-
Rubber and Edge Band	-
Modular Carpet	✓
Air Seal	✓
Simploc	✓
Carpet Location	✓

Overall Floor Height

	29-42mm	39-62mm	49-80mm	80-610mm	610mm>
Pedestal	Alpha	Alpha	Alpha	Alpha II	Alpha III*
Type	Alpha	Alpha	Alpha	Alpha II	Alpha III*
Cap Field	Standard (Black)	Standard (Black)	Standard (Black)	Standard (Black)	Standard (Black)
Cap Perimeter	Standard (Black)	Standard (Black)	Standard (Black)	Standard (Black)	Standard (Black)

Customer requirements other than listed may be subject to bonding trials prior to acceptance of order.

*NS300 pedestal option available

Special Applications

Universal Stringer	- Snap on	Provides lateral stability in extreme dynamic load environment
	- Bolt on	Provides lateral stability and load bearing properties where minimal edge deflection is required for rolling load applications
Bridging Sections	Where obstructions prevent the use of pedestals	
Bracing Bars	Enhance lateral performance and rigidity to meet heavy rolling loads or seismic requirements	
Ramp Pedestals	Pivot head pedestal to support angled ramp panels	
Fixing Screws	To affix pedestal to floor in addition to adhesive for greater rigidity at extreme floor heights	
Pedestal Earth Clamp	Provides an electrical connection to the floor system for earth bonding	
Foil Tape	Aluminium tape to seal edge of cut panel	
Perimeter Gasket	20 x 9mm edge foam tape applied to the panel edge between floor and wall if required	



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