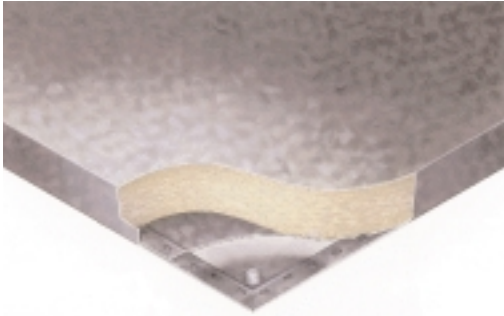


### Identification Icon



### 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

REG600 Medium Duty 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. REG600 Medium Duty panel is world renown for its exceptional characteristics of strength and durability.

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

### Core and Tray Thickness

<b>Core</b>	30mm
<b>Steel - Top Tray/Sheet</b>	0.4mm
<b>Steel - Bottom Tray/Sheet</b>	0.4mm

### Construction

The REG600 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

	Design
<b>Concentrated Load (Point Load)</b>	3.0kN over 25mm <sup>2</sup>
<b>Uniformly Distributed Load (UDL)</b>	20.0kN/m <sup>2</sup>
<b>Air Leakage @25Pa(with-seal)</b>	0.44Ltrs/sec/m <sup>2</sup>
<b>Fire Rating</b>	Class O
<b>Electrical Continuity</b>	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)

<b>Size</b>	600 x 600mm
<b>Thickness</b>	31mm
<b>Panel Weight</b>	10kg
<b>Weight of System</b>	32kg/m <sup>2</sup> (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 (Nominal)

Pedestal	60-75mm	70-95mm	80-110mm	80-610mm	610mm>
Type	Alpha I	Alpha I	Alpha I	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.

### Special Applications

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



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