

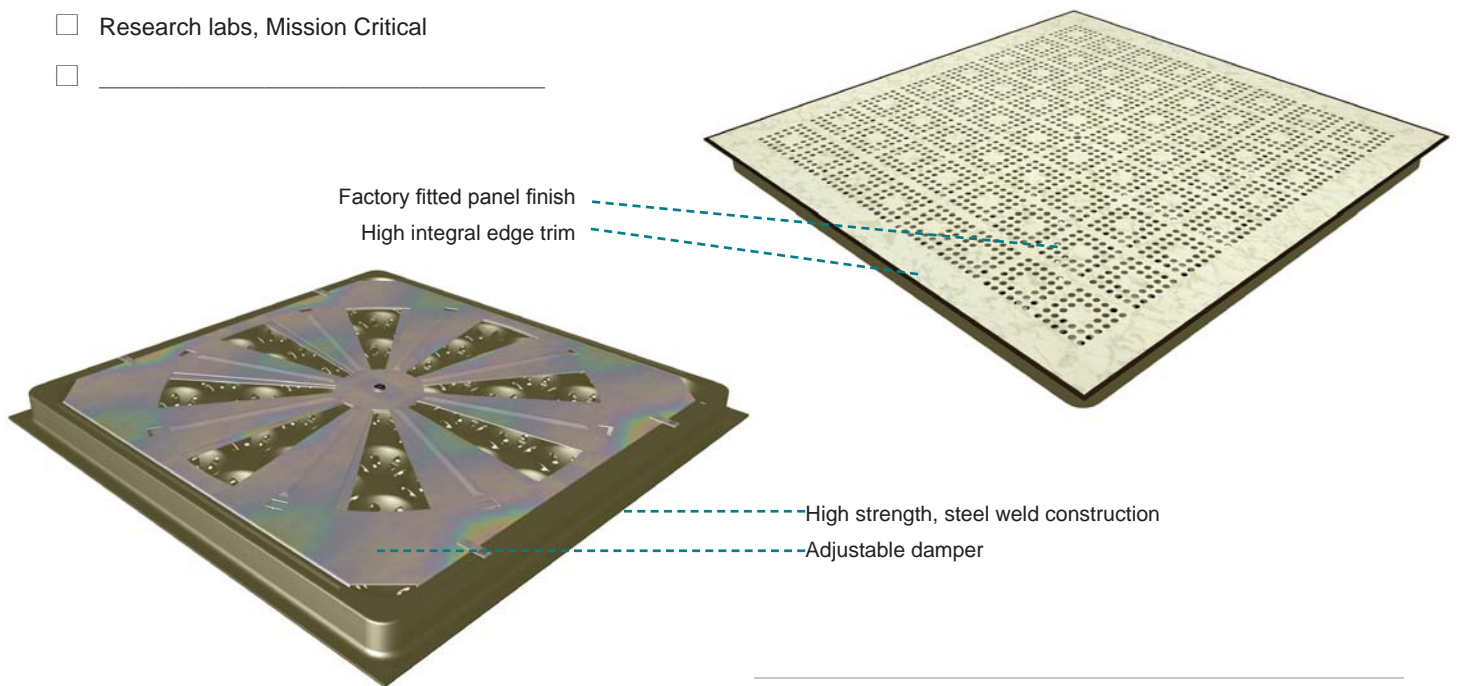
## Technical Specifications

### Application

- Healthcare, Industrial Facilities
- Universities, Control Facilities
- Clean Rooms, Server, IT Rooms
- Research labs, Mission Critical
- \_\_\_\_\_

### Environmental Attributes

- 50% Recycled Steel



### Acoustic Performance

- System Normalised Noise Isolation 40 dB
- Impact Sound Insulation 72 dB

### Panel Surface Finishes

- Vinyl
- High pressure laminate
- \_\_\_\_\_

### Access Floor Panel

Type:	PP Series – Perforated Panel System
Size:	600mm x 600mm <sup>1</sup>
Thickness:	<input checked="" type="checkbox"/> 35.0mm <input type="checkbox"/> 40.0mm with frame
Function:	Completely interchangeable
Construction:	Die formed and moulded high strength welded steel panels.
Tolerance:	Size and squareness tolerance - $\pm 0.25$ mm. Flatness tolerance - $\pm 0.5$ mm.
Life Span:	+25 years.
Connection:	Engagement with pedestal locating gasket.
Panel Edge:	<input type="checkbox"/> Plastic <input type="checkbox"/> Integral
Steel Coating:	Epoxy Powder Coat
Open Area:	27%
Panel Damper:	<input type="checkbox"/> Yes <input type="checkbox"/> No

## Technical Specifications

### Panel Performance



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Panel	Panel (kg)	System (kg/m <sup>2</sup> )	Static Performance (kN)				Dynamic Performance (kN) - Cycles		
			Concentrated	Impact	Ultimate	Uniform	10 Wheel size (mm) (75 x 25)	10,000 Wheel size (mm) (150mm x 50)	40,000 Wheel size (mm) (200 x 75)
<input checked="" type="checkbox"/> PP4.5	8.0	28	4.5	0.71	11	14	4.5	3.6	2.25
<input type="checkbox"/> PP5.7	10.0	31	5.7	0.76	12.5	22	5.7	5.6	2.25
<input type="checkbox"/> PP6.8	12.0	36	6.8	0.84	15	25	6.7	6.7	2.25

• Deflection: The access floor panels shall have a deflection during application of the specified concentrated load not exceeding 2.0mm with a permanent set deflection not exceeding 0.1mm. The permanent set deflection achieved during application of the specified uniform load shall not exceed 1.0mm.

### Factor of Safety

• The access floor will be Heavy-Grade, with a safety factor of three times the concentrated (design) load, and is capable of meeting heavy static and dynamic loads per AS 4154 - 1993 Australian Standard - General Access Floors and (PSA) "Method of Building Performance Specification 'Platform Floors (Raised Access Floors)", MOB PF2 PS and BS EN 12825 and CISC94.

### Fire Safety

Classification: Class O as per BS476

Panels are to conform to Australian Standard AS 1530, ASTM E84, and NFPA 99 for Ignitability, Spread of Flame, Heat Evolved, and Smoke Developed. All panels provide low fire hazard.

