

# System Selection Fundamentals

A quick guide to choosing the right access flooring system

## Selecting the right access flooring system starts with understanding performance requirements.

When selecting an access flooring system, the most successful outcomes come from aligning system performance to how the space will actually operate.

Rather than focusing on products, early decisions should consider the fundamentals that apply across all environments.

### Typical Considerations:

#### Load & Use Conditions

- Expected static and rolling loads
- Equipment density and movement
- High-traffic or mission-critical areas

#### Service Integration

- Power, data, AV, HVAC, and building services
- Density and accessibility requirements
- Need for future upgrades or reconfiguration

#### Space & Layout Flexibility

- Fixed vs frequently changing layouts
- Tiered, open, or multi-zone spaces
- Adaptability over the building lifecycle

#### Acoustic & Environmental Performance

- Noise control requirements
- Comfort expectations for occupants or users
- Alignment with sustainability objectives

#### Access & Maintenance

- Frequency of underfloor access
- Speed and ease of maintenance
- Minimising disruption to operations

**Engineered access flooring solutions that support informed decisions, reliable performance, and long-term adaptability across all environments.**

### Why this Matters:

These fundamentals apply across commercial, entertainment, education, data centre, and critical environments.

Addressing them early supports clearer specifications, smoother coordination, and more reliable long-term performance.

### Supporting Resources:

Detailed environment guides, technical whitepapers, and system selection support are available on request to assist with project-specific requirements.



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A quick reference guide:

Environment Type	Recommended Systems	Core Selection Drivers
<b>Commercial / Corporate</b>	Icon X, Urban X	Quiet underfoot performance, flexible service access, adaptable layouts, sustainability-aligned materials
<b>High-Load / Secure Facilities</b>	Icon Rigid, Urban Rigid	Structural stability, stringer-grid support, tall void capability, precision load performance
<b>Underfloor Air / Climate Control</b>	Icon Air	Airtight plenum design, optimised airflow, improved indoor environmental quality
<b>Stone / Tile Finishes</b>	Urban Interlock	Interlocking edge detail, stability for stone and tile finishes, reduced cracking risk
<b>Heavy-Duty / Casino / Industrial</b>	Icon HD	High load capacity, reinforced steel construction, durability in high-traffic environments
<b>Data &amp; Technical Spaces</b>	Icon Data Series (HPL / Vinyl)	Static-dissipative finishes, high point-load performance, precise service integration
<b>Sustainable / Lightweight Projects</b>	Magnes	Lightweight system, low embodied carbon, reusable and adaptable installation

**System suitability should always be confirmed against project-specific load requirements, service density, and compliance criteria.**