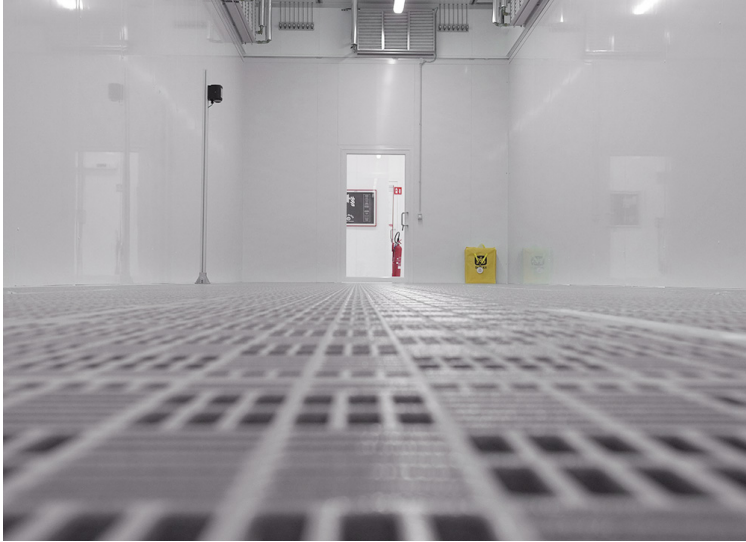




## ACCESS FLOOR



Access Floor Systems: Our advanced raised access floor systems are meticulously engineered to provide superior performance and reliability, especially in high-tech environments such as cleanrooms, data centers, and industrial facilities. Designed to support continuous innovation, these systems offer unparalleled flexibility for managing critical infrastructure beneath the floor while ensuring optimal operational conditions.

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**SKU:** N/A



# PRODUCT DESCRIPTION

## Panel Solutions

### Solid Panels

Ideal for areas with the heaviest loading requirements, these panels feature unique lattice structures that ensure optimum weight dispersion and secure installation of heavy equipment. They are available with concentrated load capacities up to 3,000 kgf.

### Dimensions & Thickness

#### 600mm x 38 ~ 44T

- Concentrated Load @Center 500 kgf
- Ultimate Load @Center 1,250 kgf

#### 600mm x 45 ~ 47T

- Concentrated Load @Center 700 kgf
- Ultimate Load @Center 1,400 kgf

#### 600mm x 46 ~ 50T

- Concentrated Load @Center 800 kgf
- Ultimate Load @Center 1,600 kgf

#### 600mm x 50 ~ 51T

- Concentrated Load @Center 900 kgf
- Ultimate Load @Center 2,200 kgf

#### 600mm x 48 ~ 55T

- Concentrated Load @Center 1,100 kgf
- Ultimate Load @Center 2,200 kgf

#### 600mm x 50 ~ 51T

- Concentrated Load @Center 1,300 kgf
- Ultimate Load @Center 3,000 kgf

#### 600mm x 50 ~ 51T

- Concentrated Load @Center 1,400 kgf



- Ultimate Load @Center 3,600 kgf

### **600mm x 50 ~ 55T**

- Concentrated Load @Center 1,500 kgf
- Ultimate Load @Center 3,200 kgf

### **600mm x 50 ~ 55T**

- Concentrated Load @Center 1,600 kgf
- Ultimate Load @Center 4,000 kgf

### **600mm x 50 ~ 55T**

- Concentrated Load @Center 3,000 kgf
- Ultimate Load @Center 6,000 kgf

## **Perforated Panels**

Combining the robust features of solid panels with precision airflow management, these panels include chamfered holes and offer nominal air open ratios ranging from 14% to 26% to meet specific airflow demands inside cleanrooms. They are manufactured with strict quality control to ensure minimum emission of volatile organic compounds (VOCs) and to meet electrostatic or conductivity requirements.

## **Dimensions & Thickness**

### **600mm x 38 ~ 44T**

- Open Ratio 16, 20, 24%
- Concentrated Load @Center 500 kgf
- Ultimate Load @Center 1,250 kgf

### **600mm x 45 ~ 47T**

- Open Ratio 18, 20%
- Concentrated Load @Center 600 kgf
- Ultimate Load @Center 1,200 kgf

### **600mm x 46 ~ 50T**

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 700 kgf
- Ultimate Load @Center 1,400 kgf

### **600mm x 50 ~ 51T**

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 800 kgf
- Ultimate Load @Center 2,000 kgf

### **600mm x 48 ~ 55T**

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 1,000 kgf
- Ultimate Load @Center 2,200 kgf



### 600mm x 50 ~ 51T

- Open Ratio 18, 20%
- Concentrated Load @Center 1,200 kgf
- Ultimate Load @Center 3,000 kgf

### 600mm x 50 ~ 51T

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 1,300 kgf
- Ultimate Load @Center 3,500 kgf

### 600mm x 50 ~ 55T

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 1,400 kgf
- Ultimate Load @Center 3,000 kgf

### 600mm x 50 ~ 55T

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 1,600 kgf
- Ultimate Load @Center 3,800 kgf

### 600mm x 50 ~ 55T

- Open Ratio 14, 16, 18, 22%
- Concentrated Load @Center 3,000 kgf
- Ultimate Load @Center 6,000 kgf

## Grating Panels

Featuring non-directional patterns and high air open ratios from 51% to 54%, these panels facilitate unrestricted smooth airflow and minimize vibration from rolling loads. They are particularly suited for air-return chase and ballroom areas.

## Dimensions & Thickness

### 600mm x 45 ~ 50T

- Open Ratio 51%
- Concentrated Load @Center 700 kgf
- Ultimate Load @Center 1,750 kgf

### 600mm x 48 ~ 50T

- Open Ratio 54%
- Concentrated Load @Center 900 kgf
- Ultimate Load @Center 1,800 kgf

### 600mm x 48 ~ 50T

- Open Ratio 51%
- Concentrated Load @Center 1,500 kgf



- Ultimate Load @Center 3,000 kgf

## View Panels

These panels incorporate customized acrylic or polycarbonate inserts, providing visibility and easy access to gauges, piping, and electrical wiring running under the floor. They can be tailored to meet specific loading requirements.

## Key characteristics and ranges

### Finished Floor Height (FFH)

Ranging from 160 to 1,500 mm (6.30 to 59.06 inches).

### Axial Loading Capacity

Ranging from 4,000 to 15,000 kgf (8,800 to 33,000 lbf). Specific capacities depend on the type:

- Aluminum S/D: 4,000 kgf (8,800 lbs).
- Aluminum H/D: 5,800 kgf (12,500 lbs).
- Steel S/D: 7,500 kgf (16,500 lbs).
- Steel H/D: 8,000 kgf (M16) or 10,000 kgf (M20) (17,600 lbs or 22,000 lbs).
- H2 Pedestal: 15,000 kgf (33,000 lbs).
- H3 Steel S/D or H/D Pedestals: 10,000 kgf (22,000 lbs).

## Finishes

Pedestals are available in bare aluminum, electrocoating, or epoxy powder coating finishes

## Pedestals

Pedestals are available in **aluminum, steel**, or a **combination thereof**. These custom-designed components are proven to meet various axial loading requirements. They typically provide flexibility in **height adjustment, usually within  $\pm 25$  mm**.

## Stringers

Aluminum stringers are offered in two different sizes to ensure compatibility with both 24-inch and 600 mm Raised Access Floor Systems. The primary function of stringers is to provide excellent additional lateral support during the process of tool move-in. Stringers are available with finishes including bare **aluminum, electrocoating, or epoxy powder coating**.

