



The raised access floor system RhinoROC® 20% airflow perforated panel is perfectly suited for the use in technical rooms, server rooms and data centers. It consists of a welded tube frame structure with powder-coated surface and perforated covering sheet with round holes. The substructure consists of height-adjustable zinc-coated steel pedestals from our own production which form the necessary cavity for installations and gaskets for sound decoupling.

PANEL FEATURES

- Compatible with 24" or 60cmm stringer system
- 20% open area
- Strong design loads with safety factors of 2
- Available with top surface adjustable damper
- Steel perforated panels are available with High Pressure Laminate, vinyl and rubber floor coverings
- Interchangeable with laminated RhinoROC® cementitious filled panels in a stringer system
- Aluminum perforated panels are available for use with a bolted stringer aluminum system

AREAS OF APPLICATIONS

- 1) Offices areas, working areas, corridors e.g. offices, hospitals, surgeries, ward rooms
- 2) Technical rooms e.g. electrical distribution and switchgear cabinet rooms
- 3) Areas for the gathering of people e.g. school rooms, restaurants, reading rooms
- 4) Factories, workshops and warehouses

TECHNICAL DETAILS

| Panel Type | Panel Size | Core Material | Panel Construction | Panel Thickness (include frame) | Panel Weight (Nominal) |
|------------|------------|---------------|--------------------------|---------------------------------|------------------------|
| Perf 800 | 600/610mm | 2.00 mm | Cold rolled steel welded | 35.00 mm | 12 kg |
| Perf 1000 | 600/610mm | 2.50 mm | Cold rolled steel welded | 35.00 mm | 13 kg |

LOAD PERFORMANCE CHART

| Panel Type | Understructure | Performance Grades | Static Loads | | | Rolling Loads | | Impact Loads |
|------------|-----------------|--------------------|-------------------|---------------|--------------|-----------------|---------------|--------------|
| | | | Concentrated Load | Ultimate Load | Uniform Load | 10 Passes | 10,000 Passes | |
| Perf 800 | Bolted Stringer | Medium Duty | 3.56 kN | 7.12 kN | 14 kN | Not Recommended | 0.67 kN | |
| Perf 1000 | Bolted Stringer | Heavy Duty | 4.45 kN | 8.90 kN | 17 kN | Not Recommended | 0.67 kN | |