

SECTION 09 69 00 – ACCESS FLOORING

1.1 PRODUCTS, GENERAL

A. CISCA A/F, “Recommended Test Procedures for Access Floors”

1. Concentrated Loads: Provide floor panels, including those with cutouts, capable of withstanding a concentrated design load of 1000 lbf, with a top-surface deflection under load and a permanent set not to exceed, respectively, 0.080 inch and 0.010 inch according to CISCA A/F, Section I, “Concentrated Loads”.
2. Ultimate Loads: Provide access flooring systems capable of withstanding a minimum ultimate concentrated load of 2500 lbf without failing, according to CISCA A/F, Section II, “Ultimate Loading”.
3. CISCA A/F Wheel 2 Rolling Load: 500 lbf.
4. Pedestal Axial-Load Performance: Provide pedestal assemblies, without panels or other supports in place, capable of withstanding a 5000 lbf axial load per pedestal, according to CISCA A/F, Section V, “Pedestal Axial Load Test”.

1.2 FLOOR PANELS AND UNDERSTRUCTURE

- A. Floor Panels, General: Provide modular panels complying with the following requirements that one person, using a portable lifting device, can interchange with other field panels without disturbing adjacent panels or understructure.

1. Panel Attachment to Understructure: By gravity for main field areas bolted of pedestal may be necessary at perimeters and high-traffic areas.

B. Formed-Steel Panels

1. Solid.
2. Grates With or Without Dampers.
3. Perforated With or Without Dampers.

- C. Pedestals: Assembly consisting of base, column with provisions for height adjustment, and head (cap); made of steel or aluminum or a combination of both.

D. Floor Panel Coverings

1. Solid Vinyl Tile: Static dissipative.
2. Carpet: Antistatic modular, adhesively bonded.

1.3 ACCESSORIES

- A. Cutouts.
- B. Service Outlets.
- C. Diffusers.
- D. Cavity Dividers.
- E. Vertical Closures.
- F. Ramps.
- G. Railings.

1.4 SUSTAINABLE DESIGN SUBMITTALS

- A. Provide documentation supplied by the manufacturer regarding the product’s sustainable characteristics. Such documents include, but are not limited to: EPDs, FSC Certifications, HPDs and VOC Emissions Certifications. The intent is to aid in the selection of more sustainable products and materials.

END OF SECTION