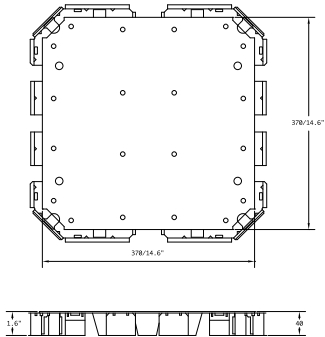


Introduction

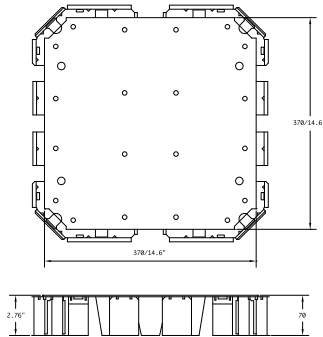
Gridd is a patented all-steel, quick-connect adaptive cable management distribution system consisting of a series of modular, removable, interchangeable steel base units, corner plates, channel plates, border units, and accessories that form an accessible under floor cavity to accommodate electrical and data services.

Standard components

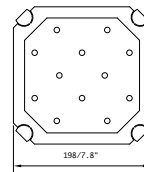
Base Unit (FA-4001)



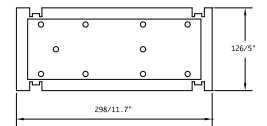
Base Unit (FA-7001)



Corner Plate (FA-4002)



Channel Plate (FA-4003)



Performance Data

	Standard	Reinforced
Live Load Rating	2,000 lbs – 100 PSF	3,000 lbs – 250 PSF
Contact Area	2.5' x 2.5' – uniform	2.5' x 2.5' – uniform
Deflection*	L/240*	L/240*
Factor of Safety	5	5
Fire Rating		
Class Rating	A	A
Flame Spread	5	5
Smoke Development	75	75

*For deflection $\leq L/240$ or $\leq 0.15"$

Applications per 2009/2012/2015 IBC Table 1607.1 and 2016 California Building Code Table 1607A.1

Occupancy or Use	Standard <i>(up to 100 PSF)</i>	Reinforced <i>(up to 250 PSF)</i>
Residential		
Access Floor Systems - Office Use/Computer Use	●	●
Assembly Areas & Theaters – Casinos/Seats/Projection & Control Rooms/Lobbies	●	●
Assembly Areas & Theaters - Stages & Platforms		●
Corridors	●	●
Hospitals - Operating & Patient Rooms/Laboratories	●	●
Libraries - Corridors/Reading Rooms	●	●
Libraries - Stack Rooms		●
Manufacturing		●
Office Buildings – Corridors/Lobbies/Offices	●	●
Schools - Classrooms/Corridors	●	●
Storage Warehouses		●
Stores - Retail	●	●
Stores - Wholesale		●

Components (Standard & Reinforced Floor System)

Base Unit/FA-7001 14.6" x 14.6" x 2.76" – All steel, smooth surface with integral support legs.

Base Unit/FA-4001 14.6" x 14.6" x 1.6" – All steel, smooth surface with integral support legs.

Corner Plate/FA-4002 7.8" x 7.8".

Channel Plate/FA-4003 11.7" x 5".

Reinforcing Leg/FA-4110 0.625" x 1.6"

Reinforcing Leg/FA-7110 0.625" x 2.76"

Overall System adds 5 PSF to building load.

Material of construction: Grade 40 ASTM A653 Steel (Standard & Reinforced Floor System)

Coating: G60 Galvanization (Standard & Reinforced Floor System)

Electrical: Any wiring installed under the floor must conform to the National Electrical Code (NEC). The system is not intended to enclose splices or other types of wiring that are required to be enclosed in raceway as defined in the NEC, Art. 100, and is not part of the grounding system.

Seismic: All load-carrying units such as wall systems shall be anchored directly to the existing structure so as to resist design seismic loads. Gridd installation requires anchorage of load carrying units directly to existing structure with engineering per local code.