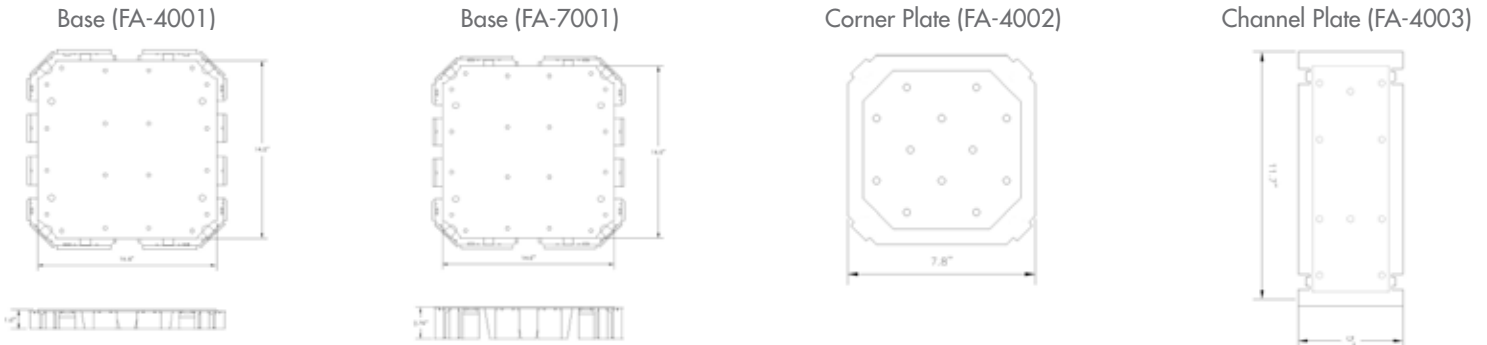


SPECIFICATION SUMMARY

Introduction:

FreeAxéz is a patented all steel, quick-connect low-profile access floor 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, voice, and data services.

Standard Components:



International Building Code (IBC) 2009 Performance Data:

Property	Standard		Reinforced	
	Live Load	2,000 lbs	100 PSF	3,000 lbs
Contact Area	2.5' x 2.5'	Uniform	2.5' x 2.5'	Uniform
Deflection ¹	≤L/240 ¹		≤L/240 ¹	
Factor of Safety	5		5	
Fire Rating				
Class Rating	A		A	
Flame Spread	≤L25		≤L25	
Smoke Development	75		75	

Note 1: For deflection ≤L/240 or ≤ 0.15"

Applications per 2009 IBC Table 1607.1:

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

See Manufacturer's instructions for reinforcing leg installation. (Quantity and placement locations)

Product Dimensions:

Components (Standard & Reinforced Floor System)

- 1) Base Unit/FA-7001 14.6" x 14.6" x 2.75"
– All steel, smooth surface with integral support legs.
- 2) Base Unit/FA-4001 14.6" x 14.6" x 1.6"
– All steel, smooth surface with integral support legs.
- 3) Corner Plate/FA-4002 7.8" x 7.8" .
- 4) Channel Plate/FA-4003 11.7" x 5" .
- 5) Reinforcing Leg/FA-4110 0.625" x 1.6"
- 6) Reinforcing Leg/FA-7110 0.625" x 2.75"

Overall System adds 5 PSF to building dead load.

Material of Construction: ASTM A653 Steel (Standard & Reinforced Floor System) 2011-T3 Aluminum (Reinforcing legs)

Coating: Minimum G40 Galvanization (Standard/ Reinforced Floor System)

Country of Origin: United States

Electrical: The low-profile access floor is not part of the grounding system, and 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. All wiring/cabling installed under the floor(s) must conform to the applicable sections of the National Electrical Code (NEC) in effect.

Seismic: All load carrying units and other heavy equipment shall be anchored directly to the existing structure so as to resist design seismic loads. All attachments to the access flooring system shall be engineered by others.

Listings: • UL Listing E238565
• GreenSpec Listed



Made in USA

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