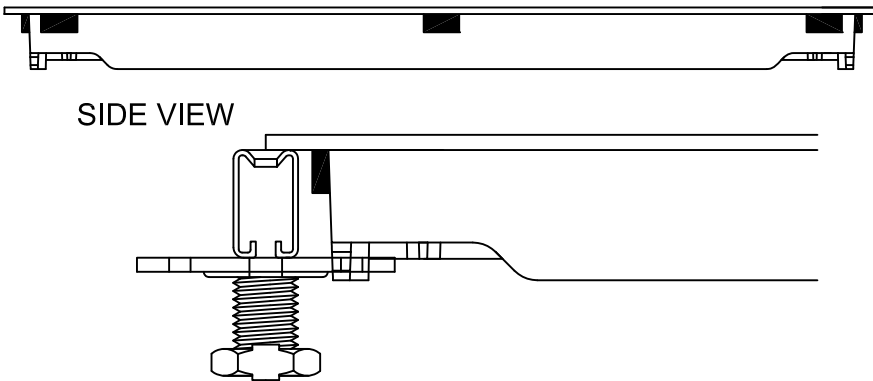


TOP VIEW



SIDE VIEW

SPECIFICATIONS

General information

- Die cast aluminum construction
- Interchangeable with laminated ConCore® and All Steel panels
- 56% open area
- Panel size: 24 inches square
- Panel height at corner: 1.250". Total panel height 1.687".
- Flange width with tabs: .480" to accommodate 3/4" wide stringers.
- Panel weight: 4.7 lb./ft²
- Non-combustible material
- Class A flame spread rating
- Available with or without damper
- Damper with can be adjusted from the top to restrict air flow by up to 100%
- Removeable with portable lifting device

UNDERSTRUCTURE OPTIONS

- 2' Heavy duty bolted stringer system
- 4' Heavy duty bolted stringer system

COATING OPTIONS

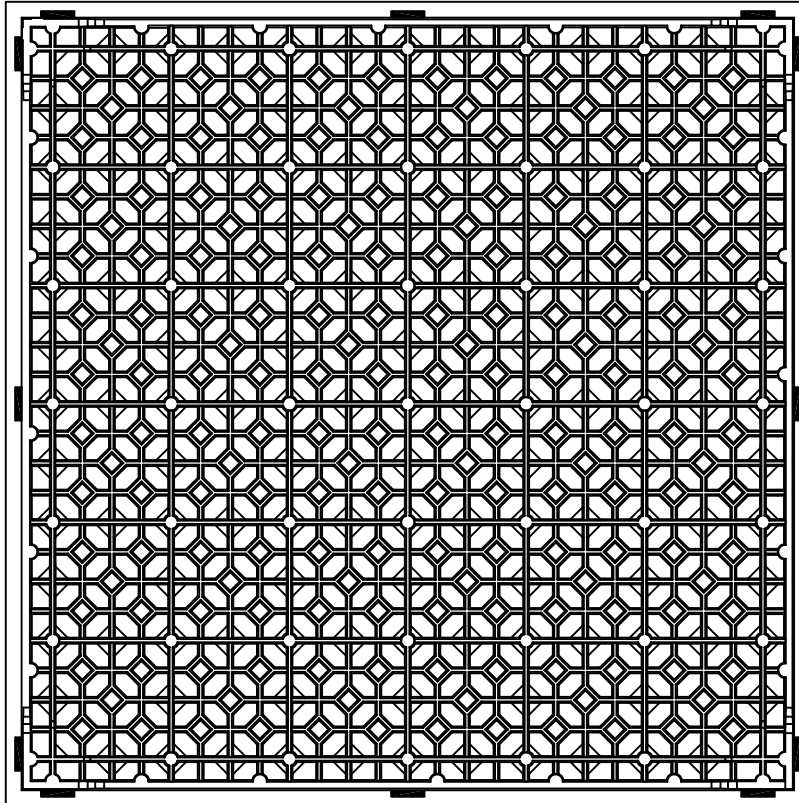
- Bare textured
- Anti-static SparkLite White powder coat finish - 25,000 TO 20,000,000,000 ohms when tested at 500 volts per NFPA 99

Static Pressure (In. H ₂ O)	Air Volume (CFM)	Air Volume w/ damper open (CFM)	Air Volume w/ damper closed (CFM)
0.02	916	504	108
0.04	1320	712	156
0.05	1468	792	172
0.06	1608	876	196
0.08	1860	1008	224
0.10	2096	1128	252
0.12	2292	1232	276
0.14	2484	1332	296
0.16	2684	1416	316
0.18	2848	1496	332
0.20	3024	1580	352

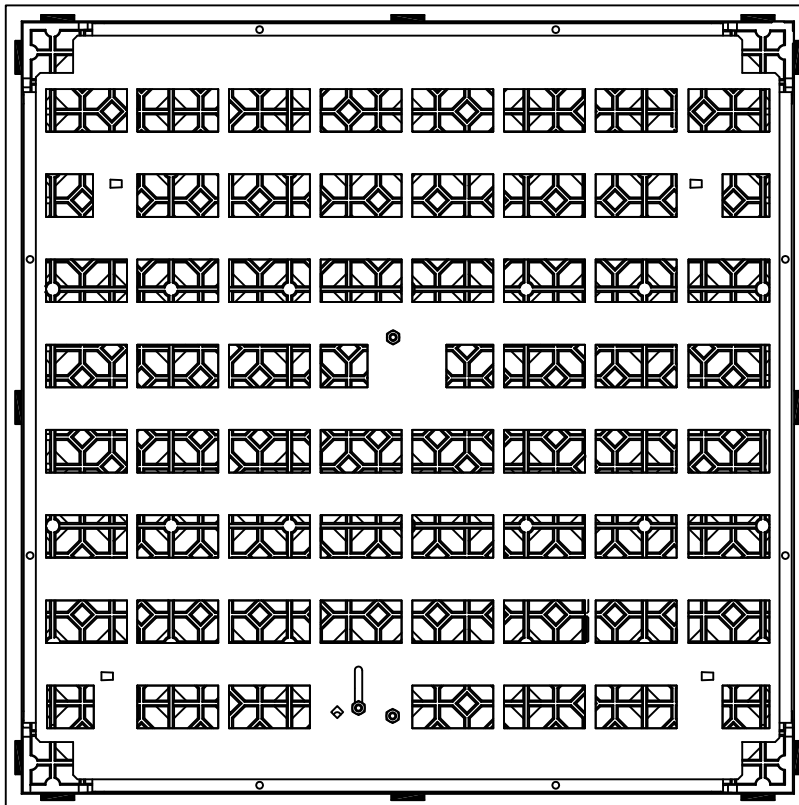
System Performance Criteria

System performance criteria are the most important to consider because they represent the performance in a typical installation. Panel only criteria such as concentrated load is often used to specify floor systems however, the test is not representative of an actual installation because it is performed with the panel resting on blocks, not actual understructure.

System Type		SYSTEM WEIGHT	STATIC LOADS		ROLLING LOADS		IMPACT LOADS
Panel	Understructure		Design Loads	Safety Factor (min. 2.0)	10 Passes	10,000 Passes	
Aluminum GrateAire	Bolted Stringer	6.25 lbs / ft² 30.5 kg / m²	1000 lbs 454 kg	Pass	1000 lbs 454 kg	800 lbs 363 kg	100 lbs 45 kg



BOTTOM VIEW



BOTTOM VIEW WITH DAMPER