

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: 1-1/4". Total panel height 1-5/8".
- Flange width: .540" 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 can be adjusted from the top to restrict air flow by up to 100%
- Removeable with portable lifting device

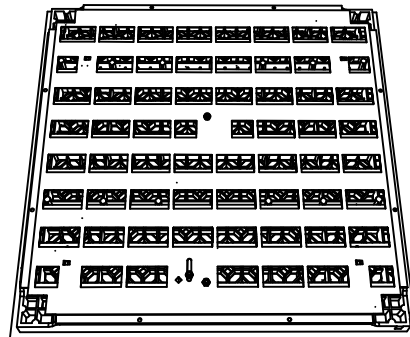
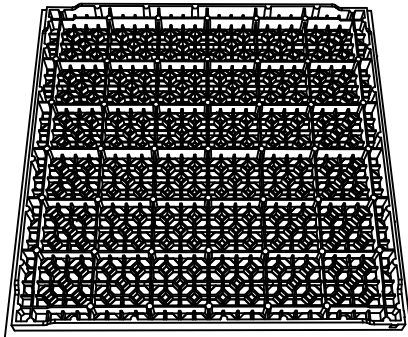
UNDERSTRUCTURE OPTIONS

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

COATING OPTIONS

- Bare textured
- Epoxy powder coat (non-conductive)
- Epoxy powder coat (conductive)

TOP VIEW



BOTTOM VIEW

BOTTOM VIEW WITH DAMPER

Static Pressure (In. H ₂ O)	Air Volume (CFM)	Air Volume w/ damper open (CFM)	Air Volume w/ damper closed (CFM)	Air Volume w/ damper 1/2 open (CFM)
0.02	916	504	108	312
0.04	1320	712	156	448
0.05	1468	792	172	500
0.06	1608	876	196	548
0.08	1860	1008	224	632
0.10	2096	1128	252	700
0.12	2292	1232	276	768
0.14	2484	1332	296	828
0.16	2684	1416	316	888
0.18	2848	1496	332	948
0.20	3024	1580	352	992

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 Performance Criteria (Tested on Actual Understructure)*

System Type	Understructure	SYSTEM WEIGHT	STATIC LOADS		ROLLING LOADS		IMPACT LOADS
			Design Loads	Safety Factor (min 2.0)	10 Passes	10,000 Passes	
Aluminum Grate	Bolted Stringer	6.25 lbs / ft ² 30.5 kg / m ²	1000 lbs 454 kg	Pass	1000 lbs 454 kg	800 lbs 363 kg	100 lbs 45 kg

*System load definitions and test procedure descriptions can be found in the Standard Product Tests and Methodology Guide located in the Resources section of Tate's web-site, www.tateaccessfloors.com.