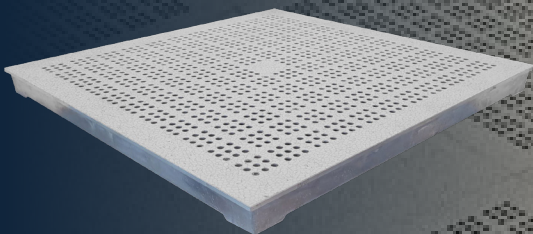


A large, empty clean room with a grid of perforated floor panels and a central pillar. The room features a ceiling with recessed lighting and walls with vertical panels. The floor is composed of a grid of square panels, some of which are perforated. A central pillar stands in the middle of the room.





Perforated Panels





Aluminum composite perforated and solid floor panels offer a modern flooring solution that combines lightness with high load-bearing capacity. Solid panels provide a durable and stable surface for heavy-traffic areas, while perforated panels are designed for spaces that require airflow and cooling — such as data centers, clean rooms, or industrial facilities.

Their modular design allows for easy installation, maintenance, and replacement. With a variety of surface finishes available, they deliver both functionality and visual appeal across a wide range of applications — from industrial environments to contemporary office spaces.

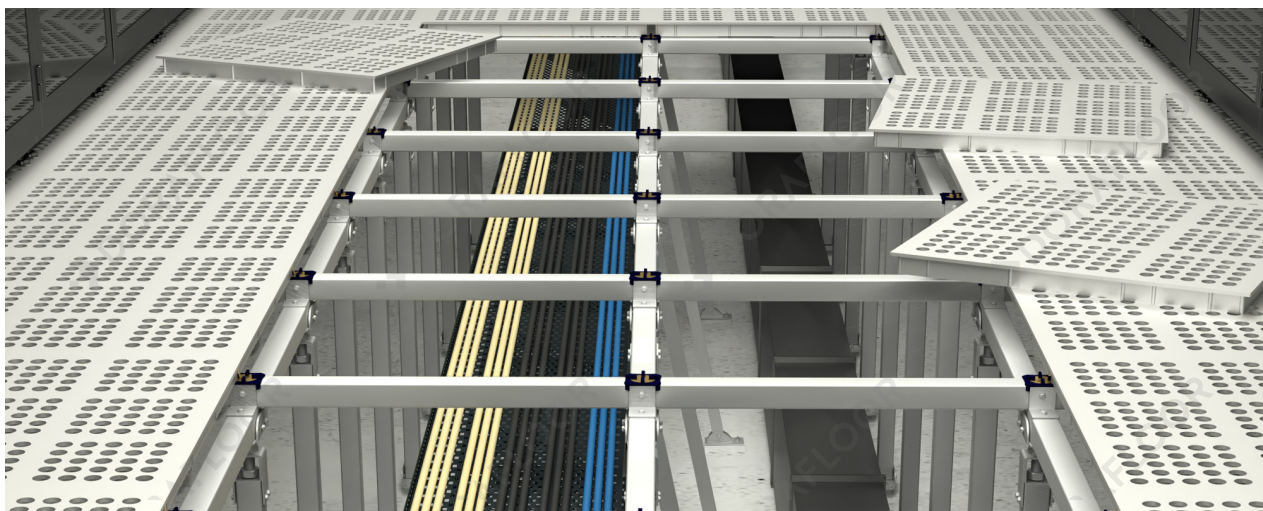


Aluminum Composite Perforated and Solid Panels - Finishing: PVC/HPL

-  17%-50% ventilation rate
-  Lightweight and excellent loading capacity
-  Non-conductive coverings
-  A1 fire rated

-  Good performance of waterproof
-  Pollution and radiation free
-  Recyclable and economic system
-  Various 'DOF' pedestals and structure system

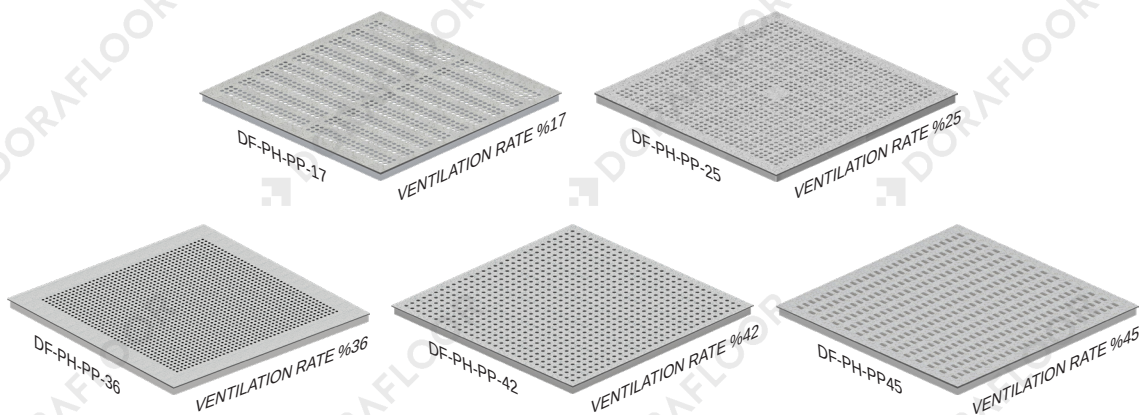
Type	Open Ratio / Ventilation Ratio	Surface Type	Size (mm)	Fireproof Performance	Concentrated Load	Uniform Load	Deflection (mm)
DF-ALC-PP-0-40	0 %	Solid	600-600-40	A	≥20000	≥60000	≤1
DF-ALC-PP-17-40	17 %	Perforated	600-600-40	A	≥10000	≥30000	≤1
DF-ALC-PP-25-40	25 %	Perforated	600-600-40	A	≥7000	≥20000	≤1
DF-ALC-PP-50-40	50 %	Perforated	600-600-40	A	≥4000	≥10000	≤1
DF-ALC-PP-0-55	0 %	Solid	600-600-55	A	≥30000	≥90000	≤1
DF-ALC-PP-17-55	17 %	Perforated	600-600-55	A	≥15000	≥40000	≤1
DF-ALC-PP-25-55	25 %	Perforated	600-600-55	A	≥10000	≥30000	≤1
DF-ALC-PP-50-55	50 %	Perforated	600-600-55	A	≥60000	≥15000	≤1



*You can select from the PVC and HPL laminate patterns available on pages 4 and 6. Explore our pattern options to determine the most suitable solution for your projects.

Perforated Steel Panels - Finishing: PVC/HPL

-  High ventilation rate
-  Good performance of waterproof
-  Lightweight and excellent loading capacity
-  Pollution and radiation free
-  Non-conductive coverings
-  Recyclable and economic system
-  A1 fire rated
-  Various 'DOF' pedestals and structure system



Type	Open Ratio / Ventilation Ratio	Size (mm)	Fireproof Performance	Concentrated Load (N)	Uniform Load	Deflection (mm)
DF-PH-PP-17	17 %	600-600-32	A	≥4450	≥23000	≤1
DF-PH-PP-25	25 %	600-600-32	A	≥1960	≥9720	≤1
DF-PH-PP-36	36 %	600-600-32	A	≥3550	≥10700	≤1
DF-PH-PP-42	42 %	600-600-32	A	≥3550	≥10700	≤1
DF-PH-PP-45	45 %	600-600-32	A	≥4450	≥23000	≤1



*You can select from the PVC and HPL laminate patterns available on pages 4 and 6. Explore our pattern options to determine the most suitable solution for your projects.

Airflow Panel DF-AF-02

Technical Specifications

- Aluminum Blade Design with DKP Steel Frame Interchangeable with all types of panels.
- 69% airflow @ 30 Pa with 2125L/s per rack without damper
- Panel Dimensions: Dimension on Demand



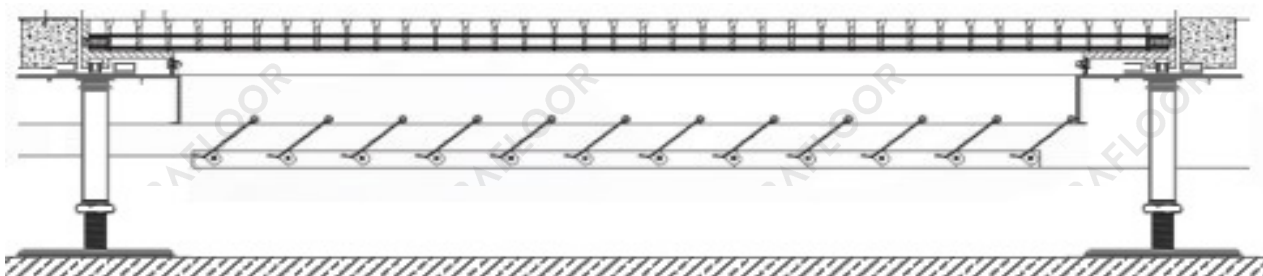
Panel Dimensions

- Panel Size: 600*600mm, 600*400mm, 600*200mm standard dimensions.
- Panel Height: . 30mm, 35mm,40mm standard thickness
- Panel Weight with damper: 14,4 kg
- Panel Weight without damper : 12.6 kg
- 60 cm screw and screwless stringers
- 120 cm screw and screwless stringers



Damper Options

- Parallel Angle Damper
- Single Way Opposed Blade Damper
- Multi Way Opposed Blade Damper
- Aluminium Damper with Fan



Airflow Panel DF-AF-01

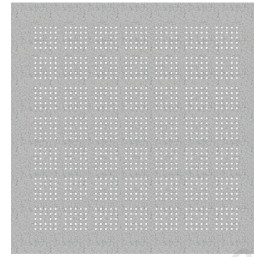
Technical Specifications

- Steel Grill Metal Design
- Interchangeable with all panels
- 88% air-flow without damper
- @ 25 Pa, 19,1 kW efficiency per cabinet
- RAL 7035 light-grey or RAL 7021 dark-grey powdercoated on galvanized steel

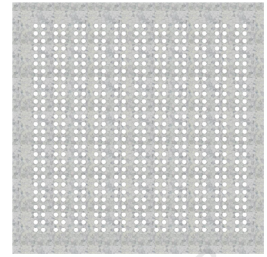
Panel Dimensions

- Panel Size: 600*600mm
- Panel Height: 30mm / 38mm
- Panel Weight: 9,5 kg / 11,5 kg
- 60 cm screw and screwless stringers
- 120 cm screw and screwless stringers

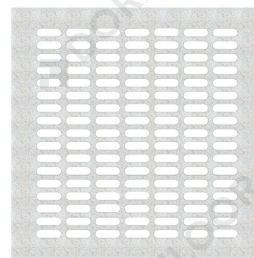
Airflow Standard Options



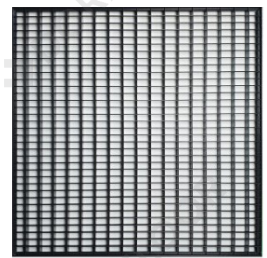
Open Rate : 22%
Steel Perforated Panel



Open Rate : 33%
Steel Perforated Panel



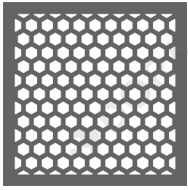
Open Rate : 45%
Steel Grate Panel



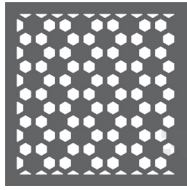
Open Rate : 70%
Steel Grate Panel



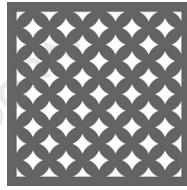
Airflow Special Options



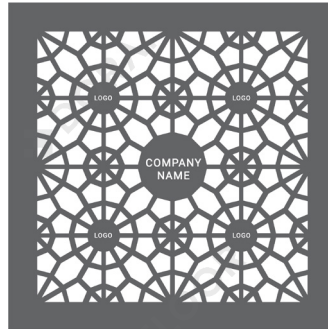
DF-AF-S1
Open Rate : 38



DF-AF-S2
Open Rate : 25

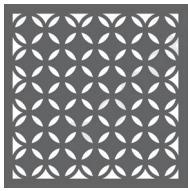


DF-AF-S3
Open Rate : 21

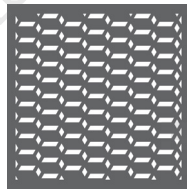


DF-AF-S7
Open Rate : 33

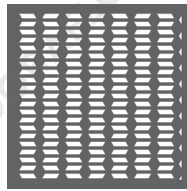
Dorafloor's custom designed airflow panel, you can have a personalized panel featuring your company name in the center and your company logo on all four sides.



DF-AF-S4
Open Rate : 19



DF-AF-S5
Open Rate : 20



DF-AF-S6
Open Rate : 29

Dorafloor special airflow panels can be redesigned based on the requested open rate ratio.

Dorafloor special airflow panels can be manufactured according to project designs and customer demands.

System Performance	Panel Type	DF-AF-01 Steel Grill Metal Panel	DF-AF-02 Aluminium Airflow
	Structure System	All Systems	All Systems
	System Weight	11,5 kg	14,4 kg
Static Load Rates	Design Load	11.1	6.5
	Safety Factory	Min>2	Min>2
	Max Load	>2.0	8.5
Rolling Load	10 Pass	8.88	7.84
	10.000 Pass	8.88	7.80
Impact	Load	0.888	0.888
Airflow	@ 25 Pa. (L/s)	1227	2125
	Capture Index	93%	93%

