



ICON SERIES

ICON AIR

RECOMMENDED APPLICATIONS



SYSTEM NAME

Icon Air Industrial Grade 1500LBS (6.67kN)

DESCRIPTION

Icon Air is specifically designed for environments using an underfloor HVAC (heating, ventilation, and air conditioning) system.

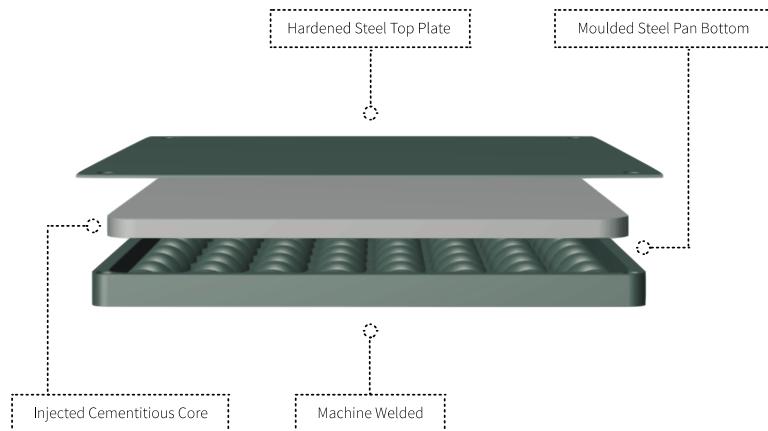
This system incorporates the use of a clip on air tight stringer which creates a seal in between the panels to control and minimize air leakage. With the stringer seal, the underfloor cavity then converts into an air plenum.

COMPLIANT STANDARDS

CISCA Standard 2007
ISO9239-1-2003
EN12825-2001
DIN4102-1-1998

SIZE

24in x 24in



CORE

Cementitious Compound

FINISH

ASP's standard powder coated finish.

CONSTRUCTION

The panels consist of a hardened steel top and bottom sheet plate with corrosion resistant protection, inside and out, encapsulating a structural cementitious core.

TOLERANCE

$\pm 0.001\text{in}$ and a flatness tolerance of $\pm 0.02\text{in}$ measured on a diagonal across the top of the panel

CONNECTION

The panel is screw fixed to the pedestal head at all four corners above the clip-on AT Stringer assembly.

DEPTH

1.3in

PERFORMANCE TO STANDARDS GUIDE PER CISCA STANDARD 2007

Load Level	Panel (kg)	System (kg/m ² at 6in FFH)
1500LBS (6.67kN) Industrial Grade	16.6	47.35
STATIC PERFORMANCE (kN)		
Concentrated	Impact	Ultimate
1500LBS (6.7kN)	150LBS (68.4kg)	9500LBS (42.14kN)
DYNAMIC PERFORMANCE (kN) - Passes		
10 passes (wheel size 3inx1.2in)	10,000 passes (wheel size 6inx2in)	Uniform (kPa/m ²)
1250LBS (5.6kN)	1000LBS (4.45kN)	42.6
Safety Factor: Panels must provide a minimum safety factor of five (5) times the uniform load specified above in accordance with CISCA Standard ICC-ES.		



PEDESTAL SIZE

4in x 4in base plate

PEDESTAL CONSTRUCTION

Hot dipped galvanised steel pedestal base, head and rod. Aluminium head assembly with locating ABS gasket.

PEDESTAL LOCKING

The pedestals will be provided with an adjusting and locking nut to maintain the assembly at a selected height, which requires a deliberate action to change the height setting, and which prevents vibration displacement.

PEDESTAL FINISH

Hot dipped galvanized finish.

PEDESTAL CONNECTION

The panel is screw fixed to the pedestal head at all four corners.

PEDESTAL FINISHED FLOOR HEIGHT (FFH)

The finished floor height of the access floor is measured from the sub floor to the top surface of the installed access floor.

STRINGER SIZE

24in

STRINGER CONSTRUCTION

Rectangular steel welded tube with 0.06in sponge rubber foam.

STRINGER FINISH

Hot dipped galvanized finish with 0.06in sponge rubber

STRINGER CONNECTION

The stringer is clipped on to the pedestal head.