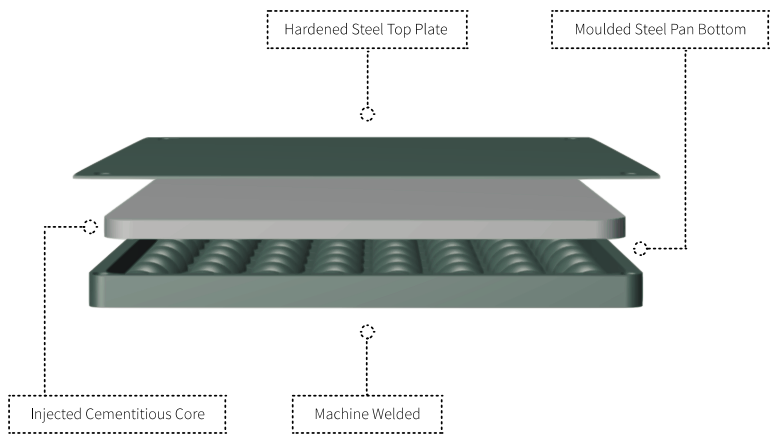
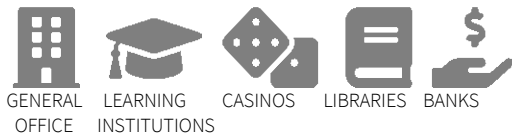


# ICON SERIES ICON AIR

## 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

±0.001in and a flatness tolerance of ±0.02in 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 <sup>2</sup> at 6in FFH)
1500LBS (6.67kN) Industrial Grade	16.6	47.35
<b>STATIC PERFORMANCE (kN)</b>		
<b>Concentrated</b>	<b>Impact</b>	<b>Ultimate</b>
1500LBS (6.7kN)	150LBS (68.4kg)	9500LBS (42.14kN)
<b>DYNAMIC PERFORMANCE (kN) - Passes</b>		
<b>10 passes</b> (wheel size 3in x 1.2in)	<b>10,000 passes</b> (wheel size 6in x 2in)	<b>Uniform</b> (kPa/m <sup>2</sup> )
1250LBS (5.6kN)	1000LBS (4.45kN)	42.6
<p><b>Safety Factor:</b> Panels must provide a minimum safety factor of five (5) times the uniform load specified above in accordance with CISCA Standard ICC-ES.</p>		



### PEDESTAL SIZE

4in x 4in base plate

### PEDESTAL CONSTRUCTION

Hot dipped galvanized 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.