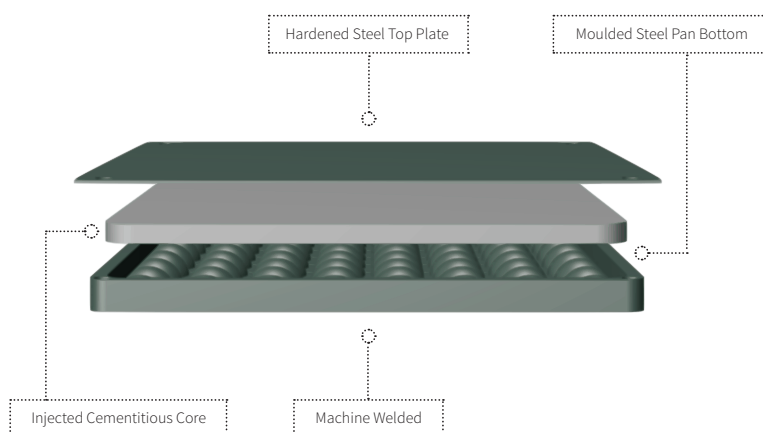


# ICON SERIES ICON AIR

## RECOMMENDED APPLICATIONS



## SYSTEM NAME

Icon Air Heavy Grade 4.5kN

## 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

Australian Standard AS4154/AS4155

Australian Standard AS1170

NATA Testing Certification

ISO9239-1-2003

EN12825-2001

DIN4102-1-1998

**SIZE** 600mm x 600mm

**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

±0.25mm and a flatness tolerance of ±0.5mm 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** 33mm

## PERFORMANCE TO STANDARDS GUIDE PER AS4154 – 1993 AUSTRALIAN STANDARD – GENERAL ACCESS FLOORS

Load Level	Panel (kg)	System (kg/m² at 450mm FFH)
4.5kN Heavy Grade	14.2	44.5
<b>STATIC PERFORMANCE (kN)</b>		
Concentrated	Impact	Ultimate
4.5	0.4	13.5
<b>DYNAMIC PERFORMANCE (kN) - Passes</b>		
10 passes (wheel size 75x25mm)	10,000 passes (wheel size 150x50mm)	40,000 passes (wheel size 200x75mm)
4.4	3.3	2.25
<b>Safety Factor:</b> Panels must provide a minimum safety factor of three (3) times the concentrated load specified above in accordance with Australian Standards AS4154-1993		



## PEDESTAL SIZE

100mm x 100mm 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

600mm

## STRINGER CONSTRUCTION

Rectangular steel welded tube with 1.6mm sponge rubber foam.

## STRINGER FINISH

Hot dipped galvanized finish with 1.6mm sponge rubber

## STRINGER CONNECTION

The stringer is clipped on to the pedestal head.