

# ICON SERIES

# ICON HD

## RECOMMENDED APPLICATIONS



CASINOS



HIGH ROLLING LOADS

## SYSTEM NAME

Icon HD Super Heavy Industrial Grade 3000LBS (13.0kN)

## DESCRIPTION

Icon HD offers an upgrade on Icon X, Icon Data and Icon Air for industrial level panel loads. The upgrade incorporates heavy duty understructure and thicker steel than the standard systems. This provides a longer lifespan with an extended product warranty.

Icon HD is suitable for environments subject to heavy rolling loads such as Casino's and Showrooms.

## COMPLIANT STANDARDS

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

**SIZE** 24in x 24in

## CISCA 2007 RECOMMENDED TEST PROCEDURES FOR ACCESS FLOORING

Load Level	Panel (kg)	System (kg/m <sup>2</sup> at 6in FFH)
3000LBS (13.0kN) Super Heavy Industrial Grade	21.23	70.44
<b>STATIC PERFORMANCE (kN)</b>		
Concentrated	Impact	Ultimate
3000LBS (13.0kN)	200LBS (0.9kN)	11,150LBS (49.6kN)
<b>DYNAMIC PERFORMANCE (kN) - Passes</b>		
10 passes (wheel size 3inx1.2in)	10,000 passes (wheel size 6inx2in)	40,000 passes (wheel size 8inx3in)
2400LBS (11.0kN)	2000LBS (8.9kN)	500LBS (2.25kN)
Uniform (kN/m <sup>2</sup> )	66.9kN	

**Safety Factor:** Panels must provide a minimum safety factor of three (3) times the concentrated load specified above in accordance with Performance to Standards Guide per CISCA Standard 2007

## PEDESTAL SIZE

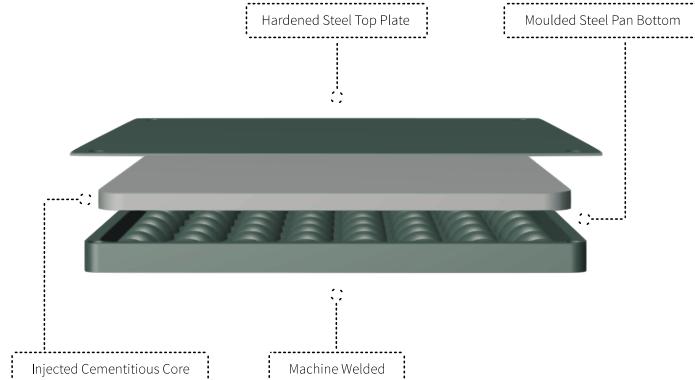
5in x 5in base plate

## PEDESTAL CONSTRUCTION

Hot dipped galvanised steel pedestal base, head and rod. Finished with an ABS locating 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.



## 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 on top of the stringer assembly to the pedestal head at all four corners

## DEPTH

1.3in



## PEDESTAL FINISH

Hot dipped galvanized finish.

## STRINGER SIZE

1.4in x 0.9in x 0.07in x 24in

## STRINGER CONSTRUCTION

Rectangular steel welded tube with 0.06in sponge rubber foam.

## STRINGER FINISH

Hot dipped galvanized finish.

## STRINGER CONNECTION

The stringer is screw fixed to the pedestal head.

## 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.