

# ICON SERIES ICON HD

## RECOMMENDED APPLICATIONS



CASINOS



HIGH ROLLING LOADS

## SYSTEM NAME

Icon HD Heavy Industrial Grade 2500LBS (11.12kN)

## DESCRIPTION

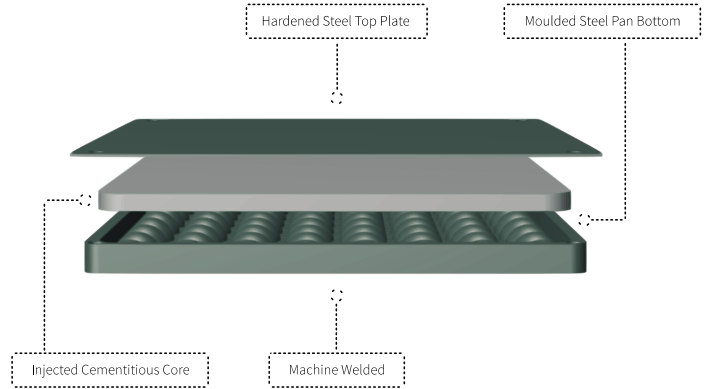
Icon HD offers an upgrade on Icon X, Icon Data and Icon Air for industrial level panel loads. The upgrade incorporates heavy duty understructure and thicker steel than the standard systems. This provides a longer lifespan with an extended product warranty.

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



**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

## PERFORMANCE TO STANDARDS GUIDE PER CISCA STANDARD 2007

Load Level	Panel (kg)	System (kg/m <sup>2</sup> at 6in FFH)
2500LBS (11.12kN) Industrial Grade	20.0	59.65
STATIC PERFORMANCE (kN)		
Concentrated	Impact	Ultimate
2500LBS (11.12kN)	150LBS (0.67kN)	10,800LBS (48.1kN)
DYNAMIC PERFORMANCE (kN) - Passes		
10 passes (wheel size 3inx1.2in)	10,000 passes (wheel size 6inx2in)	Uniform (kN/m <sup>2</sup> )
2000LBS (8.89kN)	1600LBS (7.11kN)	58.3
<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.		



## PEDESTAL SIZE

5in x 5in base plate

## PEDESTAL CONSTRUCTION

Hot dipped galvanized 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.

## 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

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.