



# ICON SERIES

# ICON RIGID

## RECOMMENDED APPLICATIONS



CASINOS



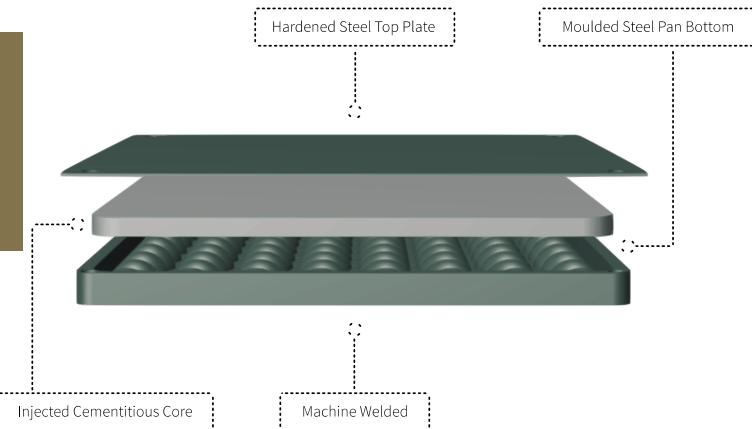
BANKS



HIGH TRAFFIC AREAS



TIERED SEATING AND STAGES



## SYSTEM NAME

Icon Rigid Super Industrial Grade 2500LBS (11.12kN)

## DESCRIPTION

Icon Rigid is widely used for finished floor heights over 31.5in or areas that require a more rigid installation due to high load or traffic.

## COMPLIANT STANDARDS

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

**SIZE** 24in x 24in

**DEPTH** 1.3in

## 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

## PERFORMANCE TO STANDARDS GUIDE PER CISCA STANDARD UFGS-09 69 11/15

Load Level	Panel (kg)	System (kg/m <sup>2</sup> at 17.7 FFH)
2500LBS (11.12kN) Industrial Grade	19.4	60.34
<b>STATIC PERFORMANCE (kN)</b>		
Concentrated	Impact	Ultimate
2500LBS (11.12kN)		
150LBS (0.67kN)		
10,800LBS (48.1kN)		
<b>DYNAMIC PERFORMANCE (kN) - Passes</b>		
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

4in x 4in 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.

## 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

1.2in x 0.8in x 0.05in 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.