

# ICON SERIES ICON RIGID

## RECOMMENDED APPLICATIONS



CASINOS



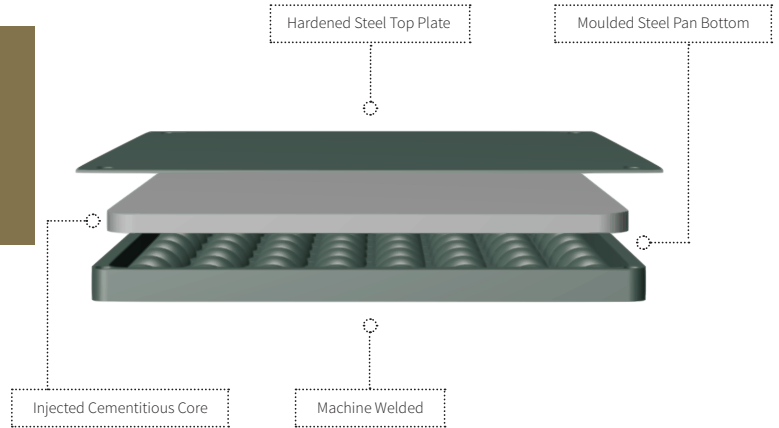
BANKS



HIGH TRAFFIC  
AREAS



TIERED SEATING  
AND STAGES



## SYSTEM NAME

Icon Rigid Super Heavy Industrial Grade 13.0kN

## DESCRIPTION

Icon Rigid is widely used for finished floor heights over 800mm or areas that require a more rigid installation due to high load or traffic.

## COMPLIANT STANDARDS

Australian Standard AS4154/AS4155  
Australian Standard AS1170  
NATA Testing Certification  
ISO9239-1-2003  
EN12825-2001  
DIN4102-1-1998

**SIZE** 600mm x 600mm

**DEPTH** 33mm

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

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

Load Level	Panel (kg)	System (kg/m² at 450mm FFH)
13.0kN Super Heavy Industrial Grade	21.23	65.42
<b>STATIC PERFORMANCE (kN)</b>		
<b>Concentrated</b>	<b>Impact</b>	<b>Ultimate</b>
13.0	0.4	39.0
<b>DYNAMIC PERFORMANCE (kN) - Passes</b>		
<b>10 passes (wheel size 75x25mm)</b>	<b>10,000 passes (wheel size 150x50mm)</b>	<b>40,000 passes (wheel size 200x75mm)</b>
11.0	8.9	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. 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

31mm x 21mm x 1.2mm x 600mm

## STRINGER CONSTRUCTION

Rectangular steel welded tube with 1.6mm sponge rubber foam.

## STRINGER FINISH

Hot dipped galvanized finish.

## STRINGER CONNECTION

The stringer is screw fixed to the pedestal head.