

URBAN SERIES URBAN INTERLOCK



RECOMMENDED APPLICATIONS



TILED AND STONE AREAS

SYSTEM NAME

Urban Interlock Heavy Industrial Grade 11.0kN

DESCRIPTION

The Urban Interlock System has been designed for applications where stone or tile finishes are to be applied. The panels specially designed interlock edge profile ensures panels remain locked together, eliminating movement.

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 38.4mm

CORE Calcium Sulphate

FINISH

Bare finish.

CONSTRUCTION

The panels consist of a bare calcium sulphate surface and a reinforcing bottom steel plate. It also has a specially designed interlock edge profile to ensure panels remain locked together with minimal movement.

TOLERANCE

±0.25mm and a flatness tolerance of ±0.5mm measured on a diagonal across the top of the panel

CONNECTION

The panel interlocks to the adjacent panels and can be screw fixed 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/m ² at 150mm FFH)
11.0kN Heavy Industrial Grade	21.2	61.3
STATIC PERFORMANCE (kN)		
Concentrated	Impact	Ultimate
11.0	0.4	33.0
DYNAMIC PERFORMANCE (kN) - Passes		
10 passes (wheel size 75x25mm)	10,000 passes (wheel size 150x50mm)	40,000 passes (wheel size 200x75mm)
8.9	6.7	2.25
<p>Safety Factor: Panels must provide a minimum safety factor of three (3) times the concentrated load specified above in accordance with Australian Standards AS4154-1993</p>		



PEDESTAL SIZE

100mm x 100mm base plate

PEDESTAL CONSTRUCTION

Hot dipped galvanised steel pedestal base, head and rod.

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.