

Product sheet: C38EH FC100

PROJECT

APPLICATION Large Computer / Equipment Room

ACCESS FLOOR Woodcore C38 'Standard-Duty' Bolted-Stringer System

SPECIFICATION DETAILS:

PANEL TYPE: Woodcore **C38EH** Panel with HPL

UNDERSTRUCTURE TYPE: Woodcore **FC100** 'Standard-Duty' Bolted-Stringer Understructure at mm finished floor height



DESCRIPTION OF C38EH-FC100 ACCESS FLOOR SYSTEM

Woodcore – C38 'Standard-Duty' Bolted-Stringer Access Floor System. This access floor system combines 'C38' panels in a gravity held format within a standard-duty bolted-stringer understructure. The panel and understructure unite to provide excellent lateral stability and easy underfloor access making this system suitable for heavy-duty anti-static applications. The finished access floor has a high pressure laminate panel surface finish ready for installation and immediate use.

DESCRIPTION OF C38EH PANEL

Woodcore - 'C38' access floor panel. The robust 'C38EH' panel is manufactured using a strong sandwich-style construction. At the core, a 38mm high density particle board provides durability and acoustic rating. To increase strength, the bottom surface is bonded with a layer of hot-dipped galvanised steel. To provide an anti-static top surface, a layer of hard wearing high pressure laminate is bonded directly to the particle board core. The edges are moulded to produce an accurate and square 600mm x 600mm panel, which is then sealed with a hard plastic trim to provide tough edge protection. All components of the 'C38' panel are designed to provide excellent strength under heavy-duty static and medium-duty dynamic loads.

TASMAN INSTALLATION & PERFORMANCE GUARANTEE

The finished access floor will be rigid, free from vibration and rocking panels within a ± 3 mm level over the entire space. Panels will be accurately cut to fit around all permanent features. All whole panels will be completely interchangeable allowing for any future changes. The access floor will maintain these original conditions when runs of panels have been removed for normal underfloor access.

PERFORMANCE TO STANDARDS GUIDE

Performance of this system meets the following standards for access floors, per AS 4154 - 1993 Australian Standard - General Access Floors.

Woodcore C38EH-FC100 Access Floor System			Static Performance Loads		Dynamic Performance Loads		Impact Load
'C38' Panel Surface Finish	Type of Understructure	Tasman Specification Code	Concentrated Load	Ultimate Load	75mm x 45mm	150mm x 50mm	25mm square
High Pressure Laminate (HPL)	Standard-Duty Bolted-Stringer	C38EH-FC100	25mm square 4.5 kN	25mm square 13.5 kN	10 passes 4 kN	10,000 passes 3.3 kN	

Reference 1kN = 102kg

FIRE RATING

Early fire hazard indices under Australian Standard AS 1530 part 3 include:

Ignitability 14, Spread of Flame 6, Heat Evolved 5, Smoke Developed 5.

ELECTRICAL RESISTANCE

Minimum 5×10^5 Ohms and maximum 2×10^{10} Ohms.