

Products sheet: C33EH-FC100

PROJECT

APPLICATION

Large Computer / Equipment room

ACCESS FLOOR

Fibrecore C33 'Standard Duty'
Bolted-Stringer System

SPECIFICATION DETAILS:

PANEL TYPE:

Fibrecore **C33EH** Panel with HPL &

UNDERSTRUCTURE TYPE:

Fibrecore **FC100** 'Standard-Duty'
Bolted-Stringer Understructure at
..... mm finished floor height



DESCRIPTION OF C33EH-FC100 ACCESS FLOOR SYSTEM

Fibrecore C33 'Standard-Duty' Bolted-Stringer Access Floor System. This access floor system combines 'C33' panels in a gravity held format within a standard-duty bolted-stringer understructure. The panel and understructure unite to provide excellent lateral stability along with easy access for heavy-duty applications. The finished access floor has a high pressure laminate panel surface finish ready for installation and immediate use.

DESCRIPTION OF C33EH PANEL

Fibrecore - 'C33' access floor panel. The extremely strong 'C33' panel is manufactured using a strong sandwich-style construction. At the core, a 33mm high density particle board provides durability and acoustic rating. To provide an anti-static top surface, a layer of hard wearing high pressure laminate is bonded directly to the core. To increase strength, the bottom surface is bonded with a layer of hot-dipped galvanised steel. 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 'C33' panel are designed to provide excellent strength under heavy-duty static and 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.

Fibrecore C33EH-FC100 Access Floor System			Static Performance Loads		Dynamic Performance Loads		Impact Load
'C33' Panel Surface Finish	Type of Understructure	Tasman Specification Code	Concentrated Load 25mm square	Ultimate Load 25mm square	75mm x 45mm 10 passes	150mm x 50mm 10,000 passes	25mm square
High Pressure Laminate (HPL)	Standard-Duty Bolted-Stringer	C33EH-FC100	5.0 kN	15.5 kN	4.0 kN	3.3 kN	45 kg

Reference 1kN = 102kg

FIRE RATING

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

Ignitability 0, Spread of Flame 0, Heat Evolved 0, Smoke Developed 3.

ELECTRICAL RESISTANCE

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