

Product sheet: TC1000U-TC100

PROJECT

APPLICATION

Lift Lobby, Dealing / Trading Room

ACCESS FLOOR

Tascor® Unifix 'Heavy Grade'
System

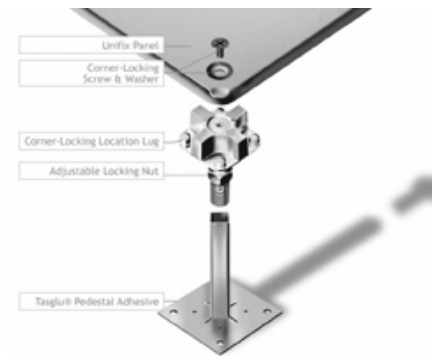
SPECIFICATION DETAILS:

PANEL TYPE:

Tascor **TC1000U** Unifix Panel &

UNDERSTRUCTURE TYPE:

Tascor **TC100** Unifix Understructure



DESCRIPTION OF TC1000U-TC100 ACCESS FLOOR SYSTEM

Tascor® - Unifix 'Heavy Grade' Access Floor System. This access floor system combines lockable 'heavy grade' Unifix panels within a stringerless understructure. The panel and understructure unite to provide a rigid access floor membrane that provides easy underfloor access and a very stable surface. The finished access floor has a 'bare' panel surface finish ready to accept on-site floor covering supplied by others.

DESCRIPTION OF TC1000U PANEL

Tascor® - 'Heavy Grade' Unifix access floor panel. The 600mm x 600mm TC1000U panel is manufactured using a steel/concrete composite construction. A heavy-duty precision-sized steel outer-shell is filled with a concrete composite core to provide strength, acoustic rating and fire resistance. The resulting heavy grade panel is a structural element that achieves maximum strength and durability for a wide range of applications.

Also, the unique corner design of the Unifix panel works in tandem with the Unifix understructure to lock the access floor system in position, from above - by corner fixing screws, and from below - by the understructure location lugs. This double locking system delivers an access floor that is strong, stable, secure and safe at a range of finished floor heights.

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 sufficient panels have been removed for normal underfloor access.

PERFORMANCE TO STANDARDS GUIDE

Performance of this system meets the 'Heavy Grade' standard for access floors, per AS 4154 - 1993 Australian Standard - General Access Floors.

Tascor® TC1000U-TC100 Access Floor System			Static Performance Loads		Dynamic Performance Loads			Impact Load
Panel Surface Finish	AS 4154 Performance Grade	Tasman Specification Code	Concentrated Load 25mm square	Ultimate Load 25mm square	75mm x 25mm 10 passes	150mm x 50mm 10,000 passes	200mm x 75mm 2.25kN	25mm square
Bare	Heavy Grade	TC1000U-TC100	4.5 kN	13.5 kN	4.4 kN	3.3 kN	250,000 Passes	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 0.

ELECTRICAL RESISTANCE

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