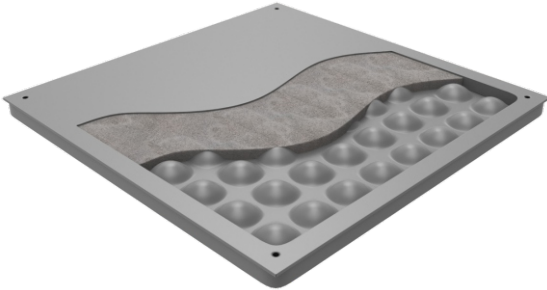


UNITILE UNIFOLD 1650 BARE CORNER LOCK ESRG SYSTEM

PANEL ILLUSTRATION



Category	Bare, Corner Lock ESRG
Panel size	600 x 600 mm
Core Material	Cement
Panel Core Thickness	30 mm
Panel Weight	13.1 kgs
Weight of System	40kg/m ² for FFH 200mm (varies with height)
Overall Floor Height	300 mm - 2000 mm

FEATURE BENEFITS

- ▶ Unique folded flange design increases edge strength.
- ▶ Guaranteed no squeaking sound as folded flanges are not vulnerable to damage at site.
- ▶ Folded flanges eliminate risk of cuts and accidents to onsite workers.
- ▶ Reduce risk of onsite damage.
- ▶ Increased foot print area boosting panels' structural performance and stability.

PRODUCT STRUCTURAL PERFORMANCE

Concentrated Load (Point Load)	363 kgs (800 lbf)
Uniformly Distributed Load (UDL)	1650 kg/m ²
Ultimate Concentrated Load	1089 kgs (2400 lbf)
Rolling Loads	180 kgs (400 lbf)
Fire Rating	Class O & Class 1, ASTM E84 1998 (Flammability) & ASTM E136 (Combustibility)
Pedestal Axial Load Test	22 kN
Pedestal Over Turning Moment Test	113 N x Meters

SYSTEM DESCRIPTION

Unifold 1650 Access floor panel incorporates folded flange technology which ensures a noise neutral floor. The design also improves edge strength and accessibility. Unifold is the most advanced raised access flooring technology available in the world. The Unifold panel is known for its exceptional characteristics of strength and durability.

The pedestal assembly shall provide easy adjustment of leveling and accurately align panels for a maximum ± 25 mm in the vertical direction. The Pedestal head assembly shall consist of embossed head mechanically riveted to a rolled formed stud and 2 check nuts for level adjustment and arresting vertical movement. The pedestal head shall consist of a acoustical pad/gasket with inbuilt isolating spacers for Panel location.

The stringer shall be continuous box type, for strength, lateral stability, and for enhanced rolling loads performance and to support the panels on all four sides for alignment without leaving any gap at the pedestal head preventing air leakage.

PANEL CONSTRUCTION

The UFP 1650 is of size 600 x 600 mm, an all steel welded construction with an enclosed bottom pan of 64 hemispherical cones, while the plain top sheet is fuse-welded at 64 locations to form a panel. All the four sides of the panel are double fold wrapped around the perimeter edges with 4 corner holes on all edges for bolting the panel to the substructure to form a rigid leveled floor along with stringer.

The hollow panels are pretreated and coated with electrostatically deposited epoxy raisein 60 - 80 micron thick on all the exposed sides of the panel. The hollow core of the panel is injected with a lightweight, fire retardant, noncombustible cementitious compound at high pressure to ensure support of not less than 90% of the top surface area of the panel.

APPLICATIONS

- General Office
- Casino
- Training Room
- Hotel
- Auditorium
- Library

UNITILE UNIFOLD 1650 BARE CORNER LOCK ESRG SYSTEM

SPECIAL APPLICATIONS

Bridging Sections	Where obstructions prevent the use of pedestals
Ramp Pedestals	Pivot head pedestal to support angled ramp panels

FABRICATION TOLERANCE

Floor Panel Flatness	± 0.75 mm in any direction
Floor Panel Width or Length from specified size	± 0.50mm
Floor Panel Squareness	± 0.38mm

FACTORY BONDED FINISHES

Bare

Modular Carpet

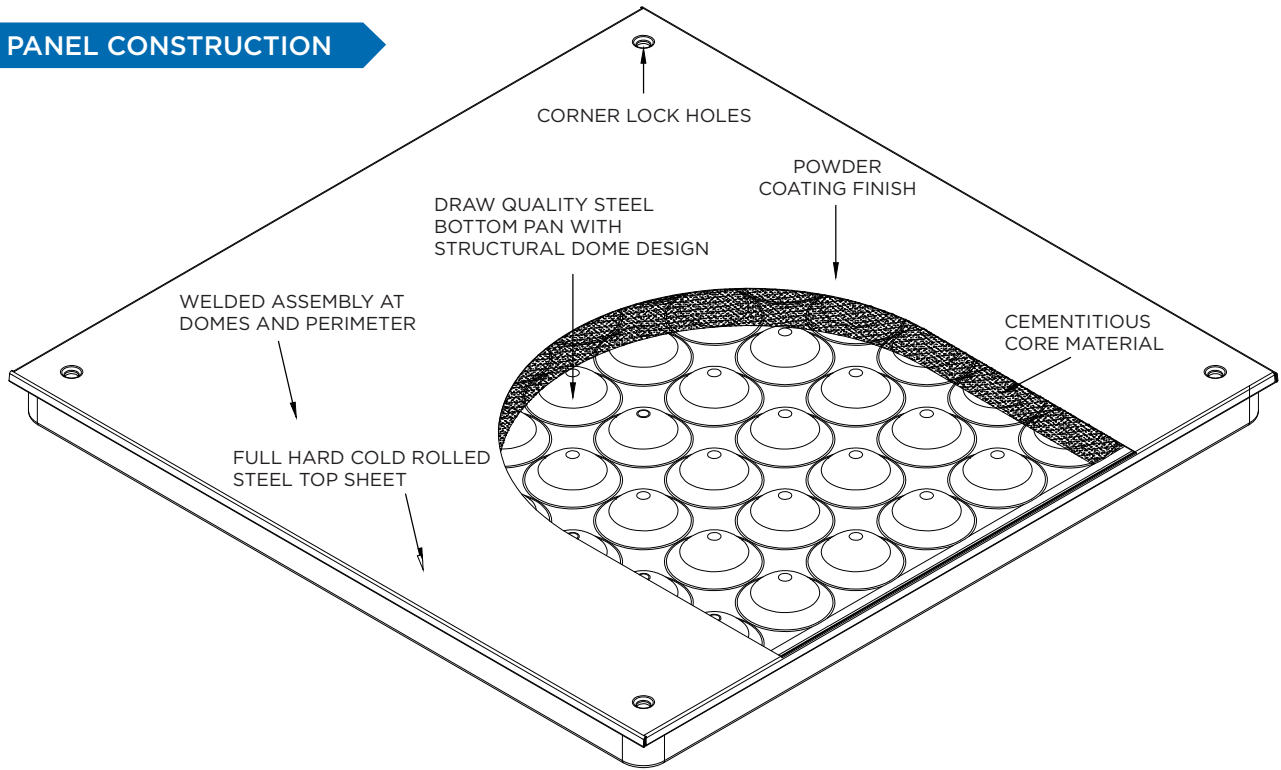
INSTALLATION TOLERANCE

Overall level before application of any load	± 1.5 mm over any 5.00 Sq mt. ± 6 mm over any size of basic space
Panel Level	+ 0.75 mm before the application of any load
Panel Interchangeability installation and removal	Interchangeable (except for field cut panels) & replaceable in any of the four directions at 90° increments

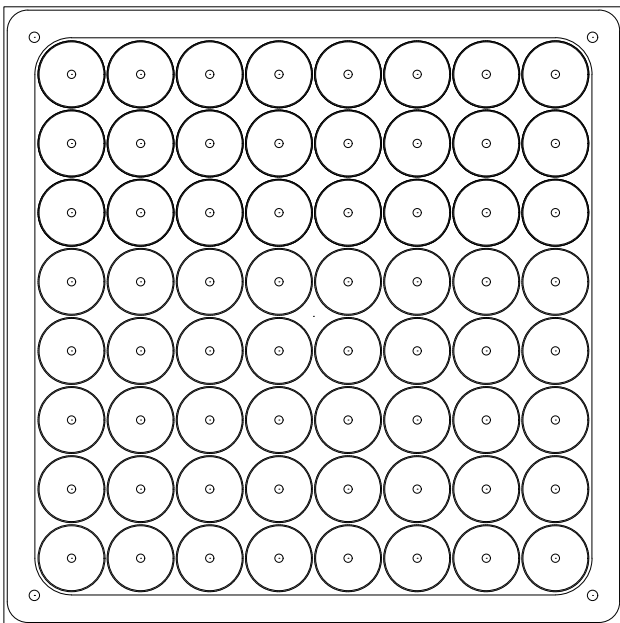
Note:

- The above mentioned loading parameters are derived & defined on the basis of the tests performed by the manufacturer based on the guidelines provided by the specified standards or as per manufacturer's recommendations.
- Manufacturer has all the rights to change or revise the specifications as and when applicable or required without the prior notice.

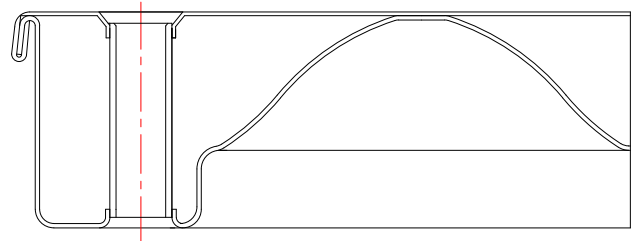
PANEL CONSTRUCTION

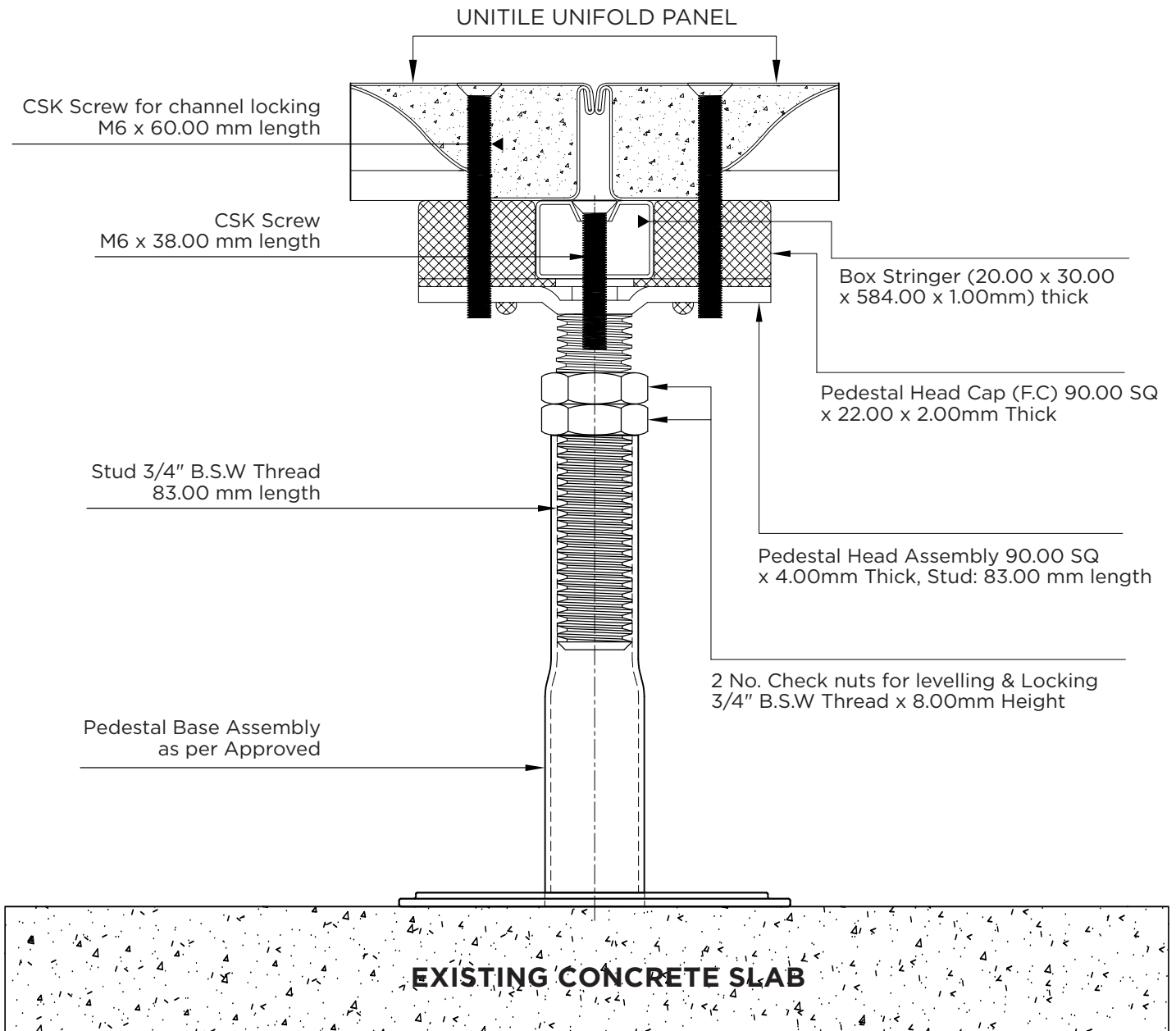


PANEL BOTTOM VIEW



SECTION VIEW





Notes:

1. This system will be suitable exclusively for Unitile folding panels.
2. Manufacturer's has all the rights to change or modify the system & its components suitable for applications.