

THE FUTURE of casino environment



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Creating a positive impression and energizing players in your gaming facility is essential for increasing play time and improving customer loyalty. With Unitile's raised access flooring technology, ensure key paths to the player experience like the entrance, gaming floor, high stakes room, clubs and lounges provide a flexible working atmosphere. ”



More than just gaming ■

The beautifully designed modern-day casinos are typically located within large resort complexes, in which patrons enjoy all forms of entertainment-like exciting games of skill and chance, world-class performances, luxurious shopping, unique dining options, and even amusement park rides. To accommodate all of these needs in a safe fashion, casinos need to have exceptional flooring in place.

Unitile has delivered excellence in casinos for over 23 years. From customized and specialized buildings to renovations and additions, we have delivered to our clients world class casinos including South East Asia's largest Casino.

Our experts use leading-edge, innovative technology to deliver the most sustainable, efficient projects on time and on budget while working with our clients to understand their specific project goals. Our team will help our clients bring their vision to life.

Key Advantages of using Raised Access Flooring System in Casinos:





Building the perfect Casino Environment

- 01** Unitile Raised Access Floor System - made from recycled content for the ultimate in strength and acoustic performance.
- 02** 'Plug & Play' modular power wiring and data cabling systems save valuable construction time and facilitates quick and easy gaming reconfigurations.
- 03** Unitile Bolted Stringer understructure system provides positive panel positioning and exceptional lateral stability.
- 04** Underfloor service pathway accumulates any type of voice and data system approach, from homerun to passive or active zone cabling.
- 05** A full range of finishes available to satisfy all application requirements.



An Indoor Pervasive Gaming Experience.

Modern casinos need flooring that is durable, flexible and safe. A casino flooring must reflect the excitement of a casino, and it has to be incredibly long-lasting. Ease of flexibility is the single most important factor as casinos are swamped with thousands of people that walk on the flooring daily.

At Unatile, we have engineered the casino gaming experience by creating flooring solutions that are modular and can remain completely undamaged for years of incessant and repetitive stress that stems in casinos.

“*Unatile raised access flooring system is the perfect flooring partner for casinos.*”



AESTHETICS:

The access floor system improves aesthetics by eliminating the need to run cabling over ceilings, down walls & through power poles. It lets interior designers focus completely on designing attractive interiors.



NOISE ATTENUATING:

Feeling and sounding solid underfoot you will never know you are walking on an access floor.



FUNCTIONAL AND OPERATIONAL:

Provides increased floor to ceiling height and large cable capacity with organized channels for cable to runs.



WATER-LEVELLED FLOORS:

Making carpet fixing easier and helps reduce costs in the installation of modular furniture and equipment in casino.



High Performance Seamless Flooring ■

Unitile raised access flooring systems are an ideal solution that can quickly adapt and provide the ultimate flexibility, cost effectiveness and energy efficiency to casino owners. For achieving the premium gaming experience, or upgrading gaming equipment and surveillance systems, Unitile raised access flooring system becomes the perfect flooring partner.

For casinos, the fundamental advantage of a raised access flooring is that services such as wiring, cables, electrical supply, plumbing and air distribution can be easily routed under the elevated surface.

“*Ultimate flexibility, cost effectiveness and energy efficiency to casino owners.*”



ALL STEEL CONSTRUCTION:
The raised access flooring system is an all steel construction to provide high durability & strength.



MODULAR POWER DISTRIBUTION:
Plug & Play technology offers unlimited flexibility for casinos providing a system that's economical, accessible and adaptable.



UNDERFLOOR AIR DISTRIBUTION:
UFAD systems routed through raised flooring are widely used in casinos to improve the air quality & lower energy and maintenance costs.



REDUCE IMPACT ON BASE BUILDING:
Access floors eliminate the need to embed wiring and cabling within concealed rigid structures such as walls, columns and concrete floors.



Sustainable Gaming Solutions.

Casinos demand high energy, HVAC loads, frequent reconfigurations and renovations, which require materials and energy (and money) and thus they need a unique sustainable design. In addition to gaming flexibility, raised access flooring can also act as a ductless air-supply system.

Air flows through the raised access flooring and enters the gaming space at floor level through vents. Power systems can also be streamlined via raised access flooring. Reusing service supply materials such as wires, cables, outlets and diffusers during reconfiguration further improves the life-time sustainability of any tenant space.

“ Improve life time sustainability of the tenant space. ”



ENERGY SAVINGS:

Under floor air distribution systems operate at very low static pressures as compared to conventional overhead systems.



ECO-FRIENDLY:

Unitile Raised Access Floor is created from recycled components thus contributing to sustainability.



GREEN PRODUCT:

Unitile products are Singapore Green Certified making it the most environmentally friendly raised floor solution available.



SAFETY:

Meets Class A requirement of interior finishes in order to minimize threat of flame and smoke to allow easy exit & public safety in case of emergency.



Cost Control and Reduction.

The most advanced technology needs to offer long-term value if it is to provide a positive return on your investment. The Unitile raised access floor system reduces installation time, adapts to future expansion with ease, has a low-cost maintenance, and improves cost control and budget management.

As a result, it increases the likelihood that your production schedule, construction costs, life cycle costs, quality and sustainability are achieved as projected.

“Adapts to future expansion with ease and has a low-cost maintenance.”



IMMEDIATE ROI:

The investment reaps benefits with instant payback realized during turnover and re-configurations.



TECHNOLOGICAL CHANGES:

Easily adapts to technological changes over the casino's lifecycle at low cost.



FAST CONSTRUCTION:

Reduced first cost and construction time due to significant reduction in HVAC ductwork & use of underfloor prefabricated 'plug & play' wire/cable services.



REDUCED OPERATING COSTS:

Lower facility and maintenance costs through accessible, flexible, and adaptable services-accommodating any layout changes.



Gaming on the go with unmatched Flexibility.

Unitile is an innovative access floor system that is engineered specifically to let you quickly and easily adjust to changes in advanced technology with minimal downtime. If you plan on expansion or redesign; with raised access flooring technology, you can actually renovate without shutting down your casino operation.

For quick maintenance work, one can simply remove the flooring tile, lift the panel and close it with ease.

“Renovate without shutting down your casino operation.”



SMART MAINTENANCE:

Simple service connections minimize the need for professional outside services.



COMPLETE ACCESSIBILITY:

Access to your service pathway at any location on the floor plate, with finished floor heights that accommodate any capacity needs.



EASE OF RECONFIGURATION:

When you make changes in your space, simply unplug and relocate in minutes. Service changes can be made with minimal disruption to the work environment.



SMOOTH TRANSITIONS:

Achieve smooth transition between the gaming area often with carpet finish and the passage area with stone finish.

Delivering Excellence in Casino with Unitile Low Flange Panel (LFW) ■

Dimensions: 600mm x 600mm | 600mm x 800mm

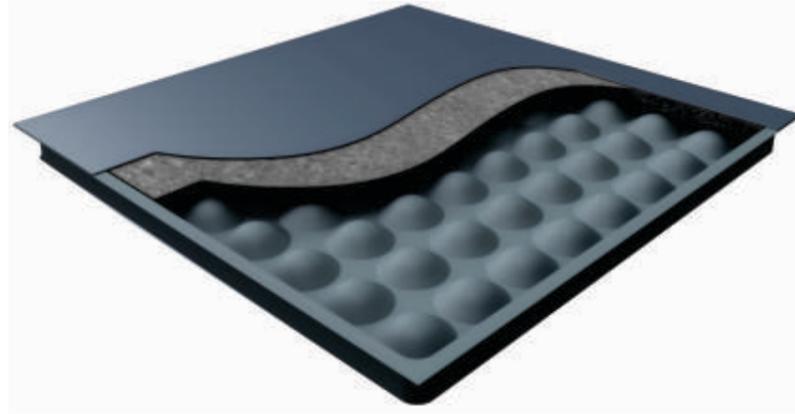
Panel Thickness: 30 mm | 35 mm

Top: Flat steel

Bottom: Flat steel uniquely designed to form hemispherical reinforcing pockets

Core: Lightweight proprietary cementitious mixture

The cantilever edges of the panel are reduced and this unique product design enhances the technical performance of the system, reduces the risk of damage at site and aims to provide tremendous advantages to the user.

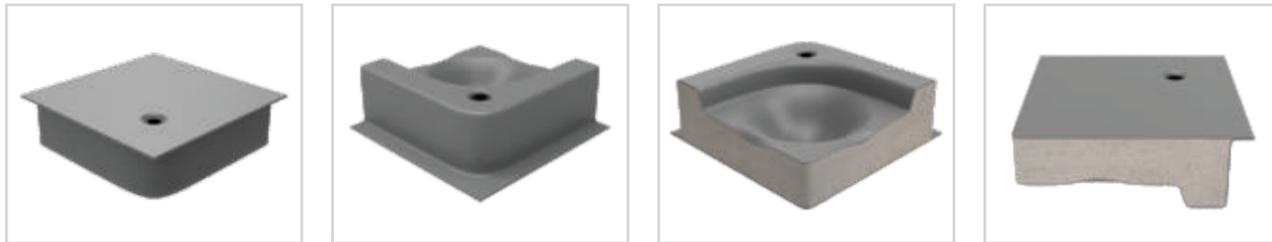
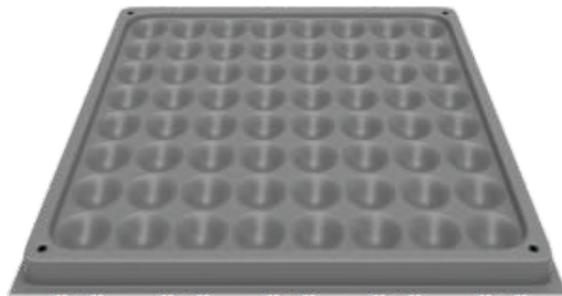


 **Non-combustible**
 **Coated with Electrostatic Epoxy paint**

System Selection Guide

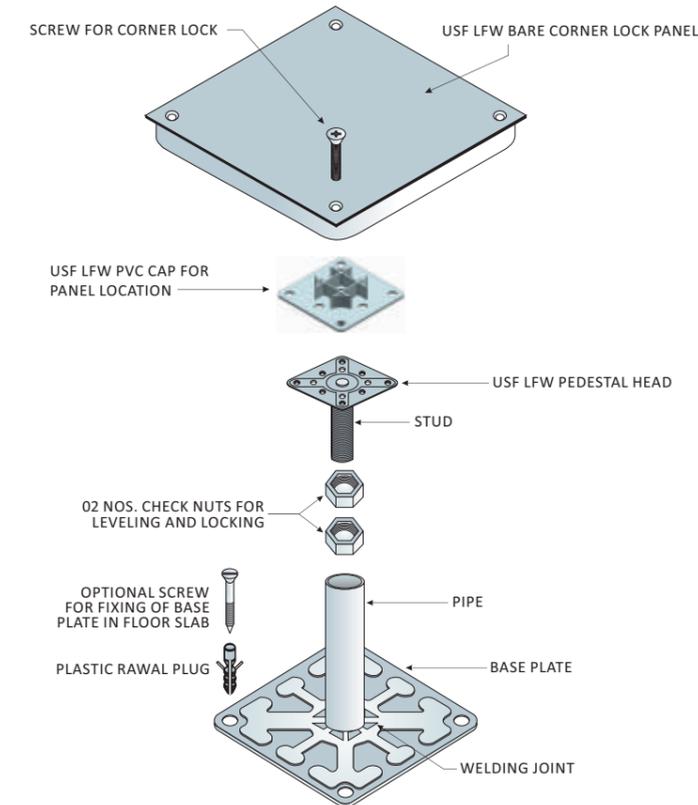
Grade	USF 800	USF 1000	USF 1250	USF 1500	USF 2000	USF 2500
Concentrated Load kgs (lbf)	363 (800)	454 (1000)	567 (1250)	680 (1500)	907 (2000)	1134 (2500)
Ultimate concentrated Load kgs (lbf)	907 (2000)	1134 (2500)	1418 (3125)	1701 (3750)	1814 (4000)	2268 (5000)
Uniform Distributed Load kgs / sq mt (lbf / sq ft)	1650 (338)	2025 (415)	2450 (502)	3100 (636)	3600 (738)	4000 (820)
Rolling Load* kgs (lbf)	180 (397)	225 (496)	281 (619)	315 (694)	425 (937)	525 (1157)

* Contact us for detailed specifications of the product design.

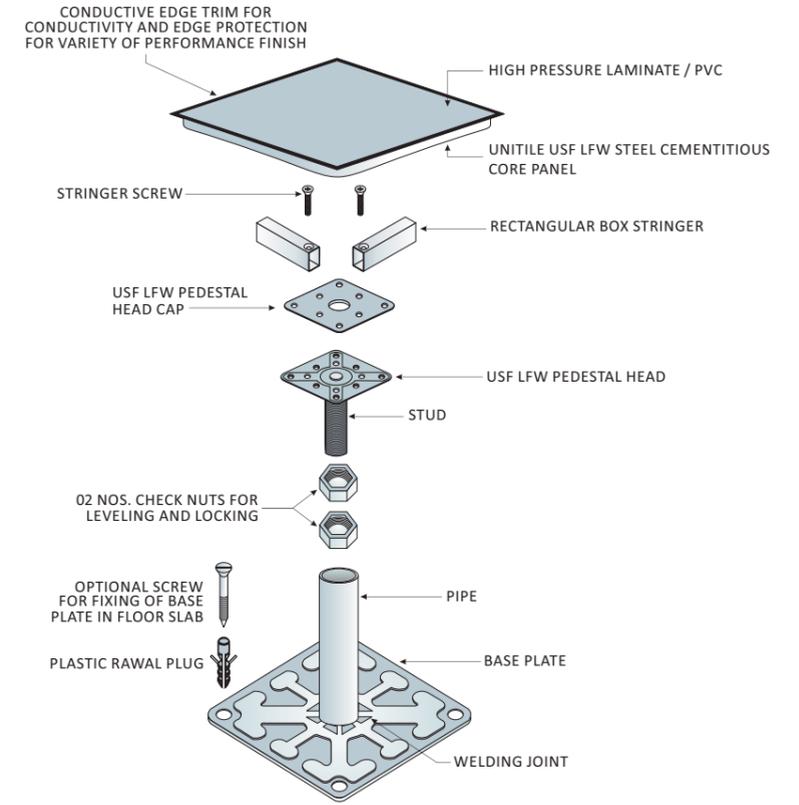


Low Flange Panel - Understructure System ■

Corner Lock system



Edge Support Rigid Grid system (ESRG)



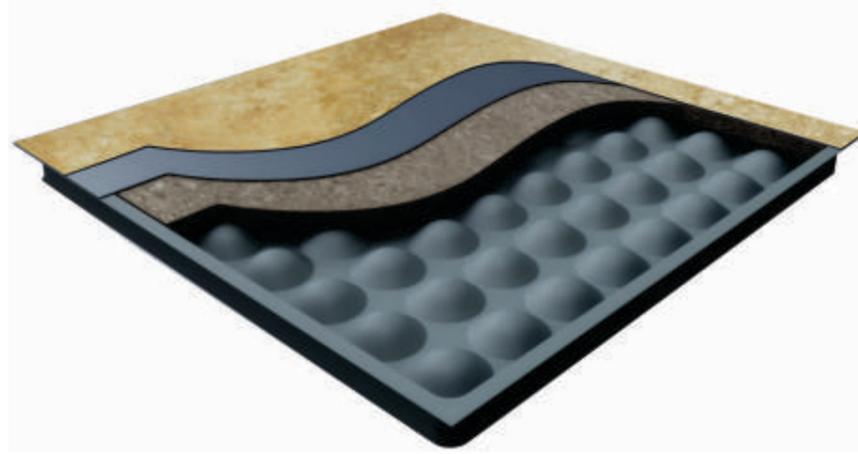
Finished Floor Height: Minimum: 65 mm | Maximum: 2000 mm

“Crafted to Perfection with high load bearing capacity.”

Unitile Topstone ■

Unitile's Raised Access Floor System is carefully fitted with Unitile's Topstone Floor Panels, which are designed to withstand extreme weight and pressure.

Unitile's Topstone access floor panels (600x600mm) comprise of customer selected Vitrified or any Natural Stones tiles which are factory bonded to the steel cementitious access floor panel with propriety admixed glue to ensure perfect bonding of two different substrate.



“Your Rock Solid Option.”

System Selection Guide

Grade	Concentrated Load Kgs (lbf)	Ultimate Concentrated Load Kgs (lbf)	Uniform Distributed Load Kgs/Sqmt (lbf/sqft)	Rolling Load* kgs (lbf)
Unitile Topstone	680 (1500)	1700 (3748)	2040 (419)	315 (694)

* Contact us for detailed specifications of the product design.

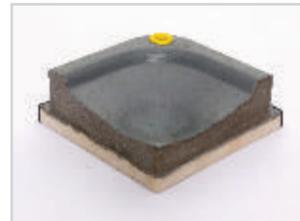
Understructure Support System

Gravity Lay system

Identical performance features as the Unitile Corner Lock System, used for finished floor height as low as 65mm. With this systems the range of vertical adjustment is therefore limited.

ESRG system

Edge support under-structure provides maximum floor stability. It reduces all lateral movements and also ensures integrity of the floor on removal of panels for access to services in the sub-floor. Stringers are mechanically fastened to the pedestal head and panels are then placed on the grid formed. This system is ideal for high finished floor heights.



Achieve a smooth transition using Unitile Raised Access Floor with Stone finish in passage areas between gaming zones.



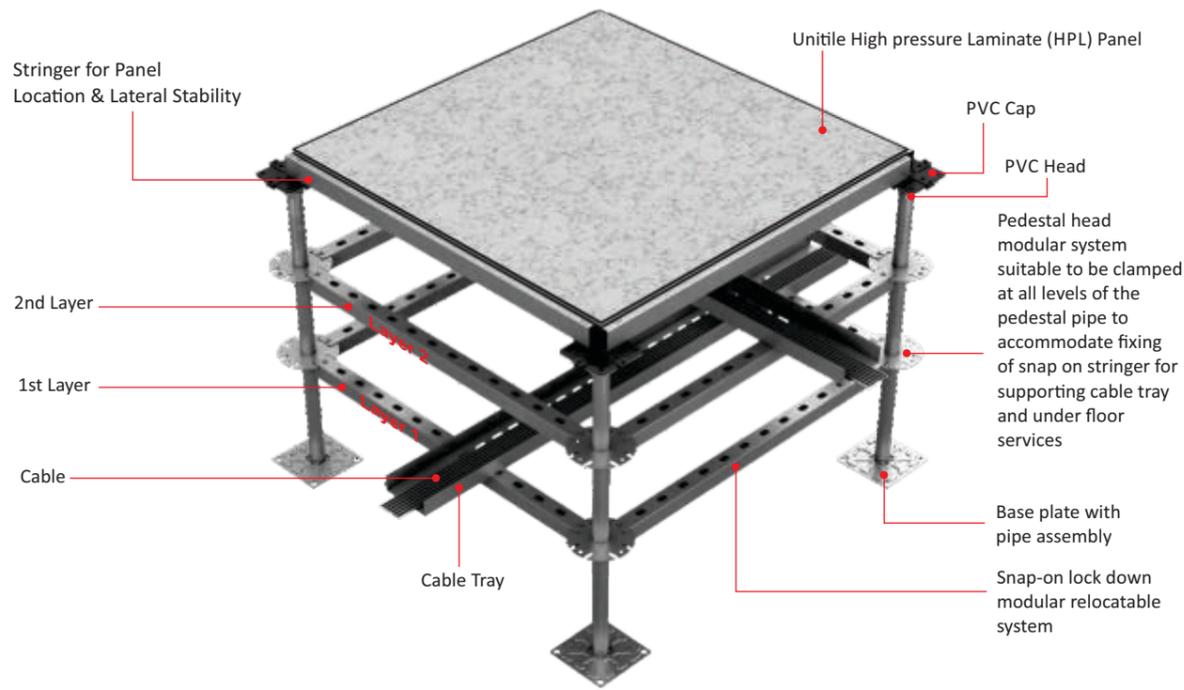
Multilayer Underfloor Cable Tray Support System ■

In a casino environment, the access floor is exposed to substantial static and dynamic loads due to movement of machineries, upgrading equipments and heavy footfall. We have redesigned the understructure support system to cater to the requirements and adapt to the needs of a casino.

Our all new multilayer grid support system and bracings improves lateral rigidity and enhance the technical performance of the floor.

Multilayer Underfloor Cable Tray Support System is an engineered under grid cable tray support system made with heavy grade slotted angles along with special head for snap on easy installation.

The grid is available in different finishes like hot dipped galvanized and powder coated.



BENEFITS



Fully modular system



Integration with the raised floor system improves speed of installation



Elevated cable tray feature



Higher stability & lateral support

Key Casino Projects ■



Philippines - 2016

38,912 sq. mtr.



Nepal - 2016

2,335 sq. mtr.

Goan
Recreation Clubs
Pvt. Ltd.

Goa - 2015

650 sq. mtr.

OUR PRESENCE.

INDIA

Ahmedabad
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Bareilly
Bengaluru
Chandigarh
Chennai
Cuttack
Goa
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Guwahati
Hyderabad
Indore
Jaipur
Kanpur
Kolkata
Lucknow
Mumbai
Nagpur
New Delhi
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Turkey
UAE
Vietnam



HELP AND ADVICE

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For help with flooring materials, costs & specifications, contact Unitile Sales.

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