

什麼是GTI MAX裝甲地板？給業主與建築師的地面解方

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目前大部分的電子生技廠房大都是使用環氧樹脂地坪，使用多年後，會開始出現，表面龜裂與剝落，推車與機具運行顛簸；表面容易濕滑，員工頻傳滑倒事件；經過補修後仍反覆出現問題，無法根治。而醫院急診室、手術室，是一天24小時完全待命的空間，一般傳統的施工方式使院方須長期停工、造成病患的權益受損與抱怨、醫院營運的損失。在健身房，像啞鈴、槓鈴的器材經常會有掉落的狀況，地面容易破損，一般無彈性地板，使訓練者得雙腳更加疲勞。這些問題不僅導致使用者的安全健康受威脅，營運效率也會跟著降低。

今天要跟大家介紹GTI MAX裝甲地板，只需直接鋪設於原地坪，無須破除、不須使用膠水、無氣味施工、即鋪即用，大幅減少停工時間與後續維護壓力。

GTI MAX裝甲地板的優勢是什麼？

第一，表面耐磨為歐盟最高標準，具抗菌性與抗化學腐蝕性，易清潔、不藏污納垢。第二，耐重壓可以承重6噸，等同於一隻成年非洲象的重量，能承受醫療儀器、舉重器材各種類別的重機具。R10荔枝止滑表面，在微量水漬下，可以提供優越的止滑性。第三，模組化的拼裝設計，可以快速安裝、彈性調整，不須上膠、不需等待乾燥，可直接鋪設於原地面，無須停工或破壞基底，容易替換，維修成本低，每小時可以施作20平方米，相當於一間病房的空間。

GTI MAX裝甲地板，非常適合高流量、重機械接觸、維護頻率高的空間，特別是需快速施工、不中斷營運的製造工廠、物流倉儲、大型量販店，醫療空間，健身中心等場域。

以下分享幾個實績案例，

國際知名大型量販店，家樂福，在法國聖馬洛的超市，選擇GTI MAX系列地板，在不影響營運的情況下進行快速翻新。

為病患提供醫療服務長達一甲子的台中中山醫院，急診區域時常滿載，院方為改善病患的就診環境，採用GTI MAX系列地板，四天即可完工，施工過程無粉塵、無氣味，不影響院區正常營運。

頂級義大利健身器材品牌Technogym的展間，也使用了GTI MAX系列的地板，提升止滑與降噪表現，有效減少掉落器材對地坪的衝擊痕跡，會員反應場地「走起來更安穩、減少腳底疲勞感」，提升整體使用體驗。這些實例顯示 GTI MAX裝甲地板不只是空間材料，更是現場效率、安全與永續管理的關鍵角色。

GTI MAX裝甲地板是您專案設計中的「安靜工程師」，它能降低滑倒事故、簡化施工、減少維修，實實在在為空間產生加值的作用，它不只是結構性的安全基底，而是創造空間價值的起點。



What is GTI MAX Flooring? A Smart Flooring Solution for Business Owners and Architects

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Epoxy resin flooring is widely used in various electronics and biotech factories. However, after years of use, surface cracking and peeling often occur, causing jolts when carts or machinery move across the floor. The surface can become slippery, leading to frequent slips and falls among employees. Even after repairs, these issues tend to resurface, making it challenging to find a permanent solution.

In hospitals, the emergency rooms and operating rooms must be ready for use 24/7. Traditional flooring installation methods often require prolonged shutdowns, affecting patient rights, causing complaints, and leading to operational losses for the hospital. In fitness centers, equipment like dumbbells and barbells are frequently dropped which would cause damage to the floor. Most rigid floorings are not resilient, which increases foot fatigue for users during workouts.

These issues compromise user safety and well-being, as well as hinder overall operational efficiency.

Today, I'd like to introduce GTI MAX Flooring, a smart solution that can be laid directly over existing floors without demolition, adhesives, or strong odors. It's a clean, glue-free, ready-to-use system that significantly reduces downtime and eases the burden of future maintenance.

What makes GTI MAX stand out?

The surface of this product adheres to the highest European Union standards regarding abrasion resistance. It is designed to be antibacterial, chemically resistant, and easy to clean, while effectively preventing the accumulation of dirt.

Furthermore, it exhibits exceptional durability, capable of supporting a weight of up to 6 tons, equivalent to that of a full-grown African elephant. This attribute enables it to accommodate heavy medical equipment, gym weights, and industrial machinery with ease. The R10 litchi-textured surface ensures superior slip resistance, even in conditions of light moisture.

The modular interlocking design facilitates rapid installation and allows for flexible layout modifications. There is no requirement for adhesive or drying time, as the product can be directly installed over existing flooring without necessitating shutdowns or compromising the subfloor. Additionally, it is straightforward to replace, resulting in low maintenance costs. An area of up to 20 square meters, comparable to the size of an average hospital room, can be installed within a single hour.

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GTI MAX Flooring is ideal for high-traffic areas, heavy machinery zones, and spaces that require frequent maintenance. Especially in environments where fast installation and uninterrupted operations are critical, such as manufacturing plants, logistics warehouses, hypermarkets, healthcare facilities, and fitness centers.

Here's one real-world example:

Carrefour, the internationally renowned retail chain, selected the GTI MAX series for their supermarket in Saint-Malo, France. The flooring upgrade was completed quickly without disrupting daily operations.

Chung Shan Medical University Hospital in Taichung, which has been serving patients for over 60 years, often experiences high patient volume in its emergency department. To improve the treatment environment, the hospital adopted the GTI MAX flooring system. The installation was completed in just four days, remaining dust-free, odor-free, and causing zero disruption to hospital operations.

The showroom of Technogym, the premium Italian fitness equipment brand, also features GTI MAX flooring. The upgrade enhanced slip resistance and noise reduction while minimizing impact marks from dropped weights.

Some of our members said the space feels more stable and easier on the feet, this makes the overall experience much more comfortable.

These examples show that GTI MAX Flooring is more than just a surface material, it plays a key role in boosting on-site efficiency, ensuring safety, and supporting sustainable facility management.

The GTI MAX Flooring is the “silent engineer” in your project design.

It reduces slip-related accidents, simplifies installation, and minimizes maintenance while adding real value to your space. It's not merely a structural safety layer; it's the basis for creating meaningful spatial value.

