

SPC FLOOR & WALL PANEL

SPC 地板、牆板 產品介紹

Authorised Distributor (Hong Kong)



鈞泰工程
KWAN TAI ENGINEERING

乙種集團成員 Member of Twintek Group

Welcome to SPC

Artistic Designs+ Functionality

工藝設計 + 功能性

Today is an era of pursuing sustainable development, with new materials and new energy sources emerging at an unprecedented rate.

INNOMASTER SPC Flooring and Wall Panel belong to the new environmentally friendly product developed with advanced production technology - redefine the traditional floor and decorative wall panel by combining artistic designs and functionality.

現今是一個追求可持續發展的時代，新材料及新能源層出不窮。SPC 地板及牆板是高科技開發的新型環保材料，並將工藝設計和功能性結合，為傳統的地板及牆身飾面帶來新定義。

GO BEYOND
TRADITIONAL



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More info 更多資料

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Main Component: Calcium Carbonate
 主要成份: 碳酸鈣 (CaCO₃)

SPC 簡介

The SPC material is developed into decorative flooring and wall panel characterised by Eco-friendly properties – recyclable, with zero formaldehyde content and hazardous emission, with less consumption of natural raw materials.

SPC地板及牆板是基於高科技開發的新型環保建築材料，製作過程不釋放對人體有害的揮發性有機化合物如甲醛、苯；無輻射、減少天然原材料的消耗，屬新時代的綠色環保裝修材料。

Its other outstanding features include fire-proof (at least B1 grade), water-proof*, moisture proof, mildew proof, insect proof and with super easy installation method.

其他產品特點包括：防火（B1以上）、防水*、防潮、防霉、防蟲、安裝簡易迅速。

With its excellent stability and durability, SPC is re-defining the traditional floor and decorative wall panel, by combining artistic designs and functionality achieved through advanced production technology.

憑藉其出色的穩定性和耐用性，SPC為傳統的地板及牆身飾面帶來新定義－將工藝設計和功能性結合。

*Applies to SPC series without real wood layer 適用於沒有實木層的SPC系列



Advantages of SPC Floor & Wall Panel

SPC 地板牆板-優點



1

Green 綠色環保



Mainly composed of Calcium Carbonate (CaCO_3) in the form of Natural Stone powder, an inorganic compound commonly found in rocks such as marble, calcite, marble, etc. Certified by authorised laboratory that SPC does not contain any radioactive element.

SPC地板及牆板的主要原料是- 碳酸鈣 (CaCO_3) - 天然石粉，是一種無機化合物，屬於地球常見物質，存在於雲石、方解石、大理石等岩石；動物骨骼或外殼。檢驗報告證實SPC不含任何放射性元素，更是綠色環保的新型裝飾材料。



2

Fire Retardant 防火阻燃

The fire protection index of SPC Flooring can meet B1 standard. It is flame-retardant, non-self-igniting, and can automatically extinguish itself within 5 seconds after breaking contact with the flame. It also does not produce any toxic or harmful gases in the process. (According to the studies, 95% of the injury cases in a fire accident is caused by poisonous gases generated during the burning process.)

SPC地板及牆板的防火指標達B1級。阻燃、不自燃、離開火焰5秒內自動熄滅，不會產生窒息性的有毒、有害氣體（根據權威部門統計：在火災中95%受傷人士是由於燃燒時產生的有毒害氣體所致）。



3

Water-proof 防水

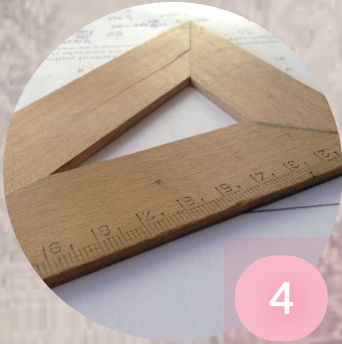
Another SPC component – Vinyl Resin has no affinity for water. Due to its enhanced hydrolysis resistance nature, it forbids any growth of mildew under high humidity. The surface of the flooring has been protected with a special anti-bacterial and anti-fouling treatment, which can kill off most bacteria and prevent bacteria multiply.

SPC地板及牆板的另一成份“乙烯基樹脂”，對水沒有親和力，耐水解性高，令產品不會因為濕度高而發生霉變。地板及片材表面經過特殊的抗菌、抗污處理，對絕大部分的細菌都有較強的殺滅能力，抑制細菌繁殖的能力。



Advantages of SPC Floor & Wall Panel

SPC 地板牆板-優點



4

Ultra Thin 超薄

SPC Flooring has a thickness of only 3.2mm - 12mm, while the SPC Wall Panel has thickness of 3.6mm. It has an unparalleled advantage for use in high-rise buildings with space saving need. At the same time, due to its ease of installation, SPC Flooring has special advantages in secondary decoration and renovation as well.

SPC地板的厚度僅為3.2 - 12mm，而SPC牆板的厚度為3.6mm。特別適用於現代建築空間節省的概念。同時，由於其易於安裝，SPC地板及牆板在二次裝修和翻新工程中具有特殊優勢。



5

Acid & Alkaline Corrosion Resistance 耐酸鹼腐蝕性

Tested and confirmed by authoritative laboratories, SPC Flooring has strong acid and alkali corrosion resistance, can withstand the test of harsh environment, and is very suitable for use in hospitals, laboratories, research institutes and other places.

檢驗報告顯示SPC地板及牆板具有較強的耐酸鹼腐蝕性性能，可以經受惡劣環境的考驗，非常適合在醫院、實驗室、研究所等地方使用。



6

Easy Maintenance 保養方便

The maintenance of the SPC Flooring and Panel are very simple. When the floor gets dirty, it can easily be wiped with a mop. The overall maintenance cost of SPC Flooring is much lower than other forms of flooring materials.

SPC地板及牆板保養非常方便，一般用清水抹布擦拭即可。

More Advantages of SPC Floor

更多 SPC 地板優點



1

Super Wear Resistant 耐磨度高

The surface of SPC Flooring has a special transparent wear-resistant layer made possible by a very high-tech production technology. This layer can withstand up to 8,000 revolutions during a standard abrasion resistance test. (By comparison, the wear-resistant level of standard Laminate Flooring is only up to about 6,000 revolutions.) Therefore, the wear-resistant layer on the surface of SPC Flooring is able to last up to 5-10 years under normal working conditions.

SPC地板表面有一層經高科技加工的特殊透明耐磨層，其耐磨轉數可達8000轉以上。【傳統強化地板耐磨轉數為6000轉。】SPC地板表面的耐磨層是根據厚度的不同在正常情況下可使用5-10年。



2

Anti-Slip 防滑

The wear-resistant layer of SPC Flooring has a special anti-slip property. Comparing with ordinary flooring materials, SPC Flooring gives a lot sturdier feeling when it comes into contact with water.

SPC地板的耐磨層有特殊的防滑性，而且與普通的地面材料相比，地板在沾水的情況下腳感更濕，減少意外跌倒機會。



3

Seamless 無縫

The seams of properly installed SPC Flooring are very small, almost invisible from a distance. This seamless splicing optimizes the overall visual effects of the floor.

SPC地板經嚴格的施工安裝，其接縫、遠觀幾乎看不見，無縫拼接使地面的整體效果及視覺效果得到最大限度的優化。



4

Thermal Conductivity 導熱保暖

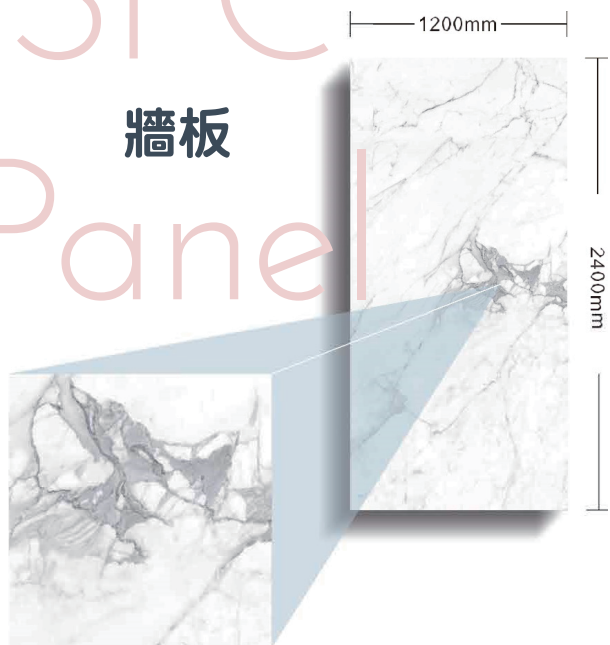
SPC Flooring is physically stable with good thermal conductivity, and very uniform heat dissipation characteristics. It will not expand or deform with radiant heating under normal conditions. The flooring is currently the first choice for home improvement with radiant heating in Europe, the U.S., Japan and South Korea.

SPC地板的物理性能穩定，導熱性能良好，散熱均勻，安裝地暖不會使地板膨脹變形。目前SPC地板在歐美以及日韓等國家，是家居地暖導熱地板的首選產品。

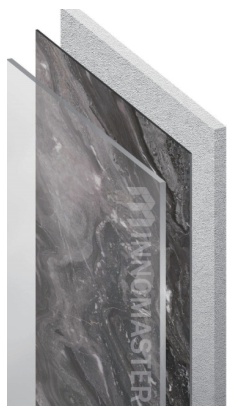


We recommend using the MITAKE heated floor system for Wooden/ SPC floors. Please consult us for details.
我們推薦使用日本MITAKE遠紅外線地暖系統於木地板/SPC地板。詳情請向我們查詢。

SPC 牆板 Panel



THE THREE SERIES 三大系列



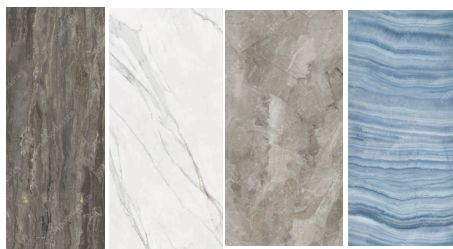
**SPC Panel -
Digital Printing Series**
數碼彩繪石晶牆板系列



**SPC Panel -
Colour Film Series**
彩繪石晶牆板系列



**SPC Panel -
Wooden Series**
木飾石晶牆板系列



Partial designs only, details please refer to website 僅部分款式,詳情請參考網站



SPC

Digital Printing Series

數碼彩繪石晶牆板系列

Panel



UV CoatingUV 耐磨層

Anti-tarnish with high wear-resistance
防變色、超耐磨

Digital Printed 數碼彩繪層

Using Swiss NCS 160 million pixels scientific digital camera to shoot natural wood, stone, handcraft and other natural textures, restored by six-colour digital painting on SPC substrate.

瑞士NCS一億六千萬像素，科幻級數碼相機拍攝天然木材、石材、藝術手繪等自然紋理，通過六色數碼彩繪還原在SPC基材上

SPC Layer 石晶基材

Mainly composed of Calcium Carbonate (CaCO_3), an inorganic compound commonly found in rocks such as marble, calcite, marble, etc. It is also an animal bone or shell. 主要成份-碳酸鈣 (CaCO_3) 是一種無機化合物，屬於地球常見物質，存在於雲石、方解石、大理石等岩石；動物骨骼或外殼



- The new generation space aesthetic wall material with original Italian design
- Colour matching - Adopts the Swedish NCS German CGS colour system, colour is restored on the stone substrate by 6-colour digital painting; thus delivering a rich and layered prints.
- Waterproof and moisture resistant, suitable for bathrooms, kitchens
- Meets the GB8624-2012 B1 fire rating Zero.
- Zero release of formaldehyde, safe and environmentally friendly
- Product surface treatment: soft light 35°, glossy 65° or 95°

- 採用意大利原創設計，現代空間美學牆體材料
- 色彩配搭-採用瑞典NCS德國CGS色彩系統，通過6色數碼彩繪還原在石晶基材上，色彩豐富，更具立體感和層次感。
- 防水防潮，適用於浴室、廚房
- 符合GB8624-2012 B1防火級別
- 零甲醛釋放，安全環保
- 表面處理：35°柔光，65°或95°高光





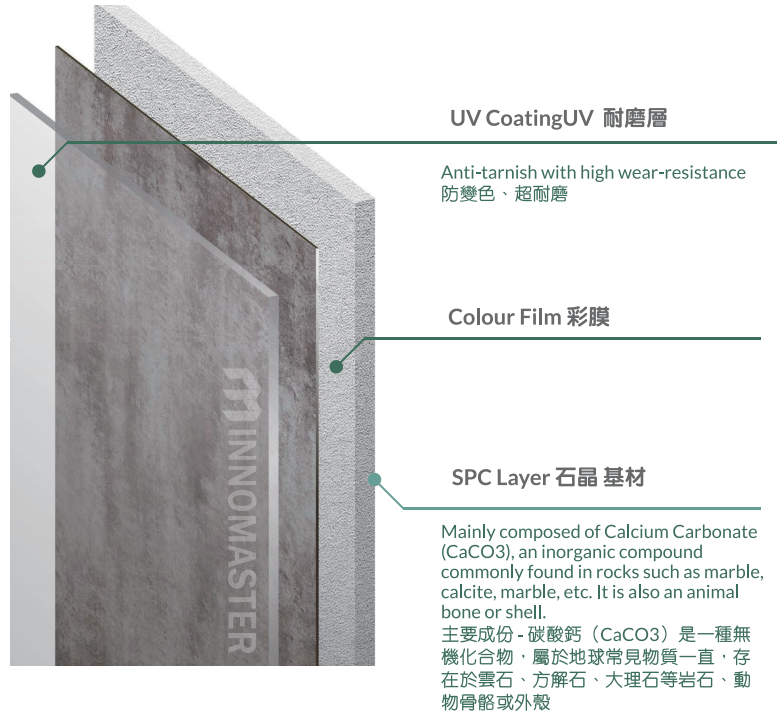


SPC

Colour Film Series

彩膜石晶牆板系列

Panel



- Excellent abrasion and scratch resistance, with impact hardness of $\geq 2\text{H}$ (pencil).
- Can wrap around the corners
- Waterproof and moisture resistant, suitable for bathrooms, kitchens
- Meets the GB8624-2012 B1 fire rating
- Zero emission of formaldehyde, safe and environmentally friendly

- 卓越的物理性能，耐磨耐刮，具有表面 $\geq 2\text{H}$ （鉛筆）的抗撞擊硬度。
- 牆板可包角
- 防水防潮，適用於浴室、廚房
- 符合GB8624-2012 B1防火級別
- 零甲醛釋放，安全環保







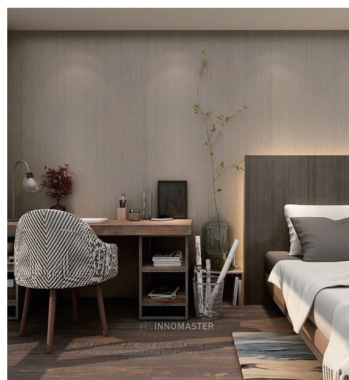
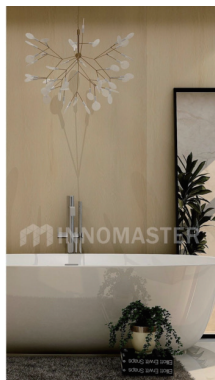
SPC

Wooden Series

木飾石晶牆板系列

Panel

- The natural wood texture delivers a warm and natural atmosphere. The top layer with matte-treatment to avoid light pollution.
- Moisture-proof, pest-resistant
- Meet the GB8624-2012 B1 Fire Rating
- 原木風采、質感天然、散發出溫馨自然韻味。
- 色調柔和，產品表面採用啞光處理，避免光污染。
- 防潮，抗蟲害
- 符合GB8624-2012 B1防火級別







Wear Layer 耐磨層

Anti-tarnish with high wear-resistance
防變色、超耐磨

Printed Layer 印刷層

Wood texture printed in HD film
原木紋理高精度彩膜

SPC Layer 石晶 基材

Mainly composed of Calcium Carbonate (CaCO_3), an inorganic compound commonly found in rocks such as marble, calcite, marble, etc. It is also an animal bone or shell.
主要成份 - 碳酸鈣 (CaCO_3) 是一種無機化合物，屬於地球常見物質一直，存在於雲石、方解石、大理石等岩石、動物骨骼或外殼

Backing Layer 緩震隔音層

EVA 緩震增添柔腳感 防潮隔音

SPC SPC Floor Series 石晶地板系列 Floor

- HD wood texture delivers a warm and natural atmosphere.
- Waterproof and super anti-slip
- Meets the GB8624-2012 B1 Fire Rating
- Seamless flooring system equipped with a clicking system . Glue-free installation to achieve high eco-friendly standard.

- 高清原木紋理、質感天然、散發出溫馨自然韻味。
- 防水，超強防滑
- 符合GB8624-2012 B1防火級別
- 無縫地板、鎖扣設計，施工便捷。安裝過程無需膠水，打造環保空間。



SPC FLOOR
石晶地板

LAMINATE FLOOR
纖維地板

Calcium Carbonate CaCO ₃ in the form of limestone 碳酸鈣 - 天然石粉	 Core 基材	Fiberboard core. 纖維板
100% waterproof, moisture proof, mildew proof, insect proof 100%防水·防潮·防霉·防蟲	 Anti-Water 防水	Absorbs water rapidly when water seep through the seams, causing the flooring to swell along the edges of the boards. 當水滲透接縫時，水迅速吸收，導致地板沿著板的邊緣膨脹
Meets the GB8624-2012 B1 Fire Rating Standard 符合GB8624-2012 B1防火標準	 Fire Proof 防火	Combustible 易燃
Ultra thin with strong dimensional stability, minimum thermal expansion 超薄，穩定性強，不受冷縮熱脹影響	 Stability 穩定性	Susceptible to thermal expansion 或受冷縮熱脹影響
Can be installed in any interior areas, including wet areas such as kitchens and bathroom. 可安裝在室內任何區域，包括廚房和浴室等潮濕區域	 Application 應用	Limited to interior area not exposed to water and moisture. 限於不暴露於水和濕氣的空間

COMPARE

比較

SPC FLOOR
石晶地板

CERAMIC TILE
瓷磚

Soft texture with wood-alike touches 質地柔軟，觸感與木材相似	 Texture 觸感	The ceramic clay tile has a cold, hard surface 瓷磚表面冰凍及硬
Seamless joints between floors 無縫設計	 Joint 接縫	Need to reserve joints between tiles for thermal expansion and contraction 瓷磚之間需為熱膨脹和收縮預留空間
Fast finish - can simply be installed the ultra-thin SPC floor on top of any existing flat floor 簡易安裝- 可在任何現有的平地上安裝超薄SPC地板	 Installation 安裝	Cumbersome process in tiles cutting, laying, mortar mixing and grouting 工序繁複，包括切割瓷磚、鋪設、砂漿攪拌和灌漿
Cost saving in labour and time efficiency 省時及施工成本	 Cost saving 成本	Time-consuming with higher labour cost 耗時且施工成本較高

Special Advantages
in secondary decoration & renovation

在二次裝修和翻新工程的特殊優勢



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