

thin  tile  
king size porcelain lamina

**新瓷**  
超大薄板环保瓷材

**廈門三榮陶瓷開發有限公司**  
XIAMEN SANWON CERAMIC LTD.

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经销商/ Distributed by:





4.5mm

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# WARNER STUDIOS

超大 超薄 简单 节省 易搭配  
Incredible extra-Large, Seriously Thin  
Simple and Easy, Save time & cost  
Match everything else





Thank you for choosing SANWON.

As a professional building materials manufacturer, with over 70 years' experience in manufacture and marketing of architectural stoneware, and advanced machines imported from Europe as well as the technical and design support, Sanwon is committed to providing customer-valued solutions with the best products, services and prices to make us best choice of your project.

SANWON focused on porcelain especially non-rectified tile since 1993, we also provide decorative mosaic, bullnose, listels and glass & stone material in one shipment. Our customer include Roca, Starbucks, Hilton, Wilshire Grand, Turner Construction, Lowe's,.....

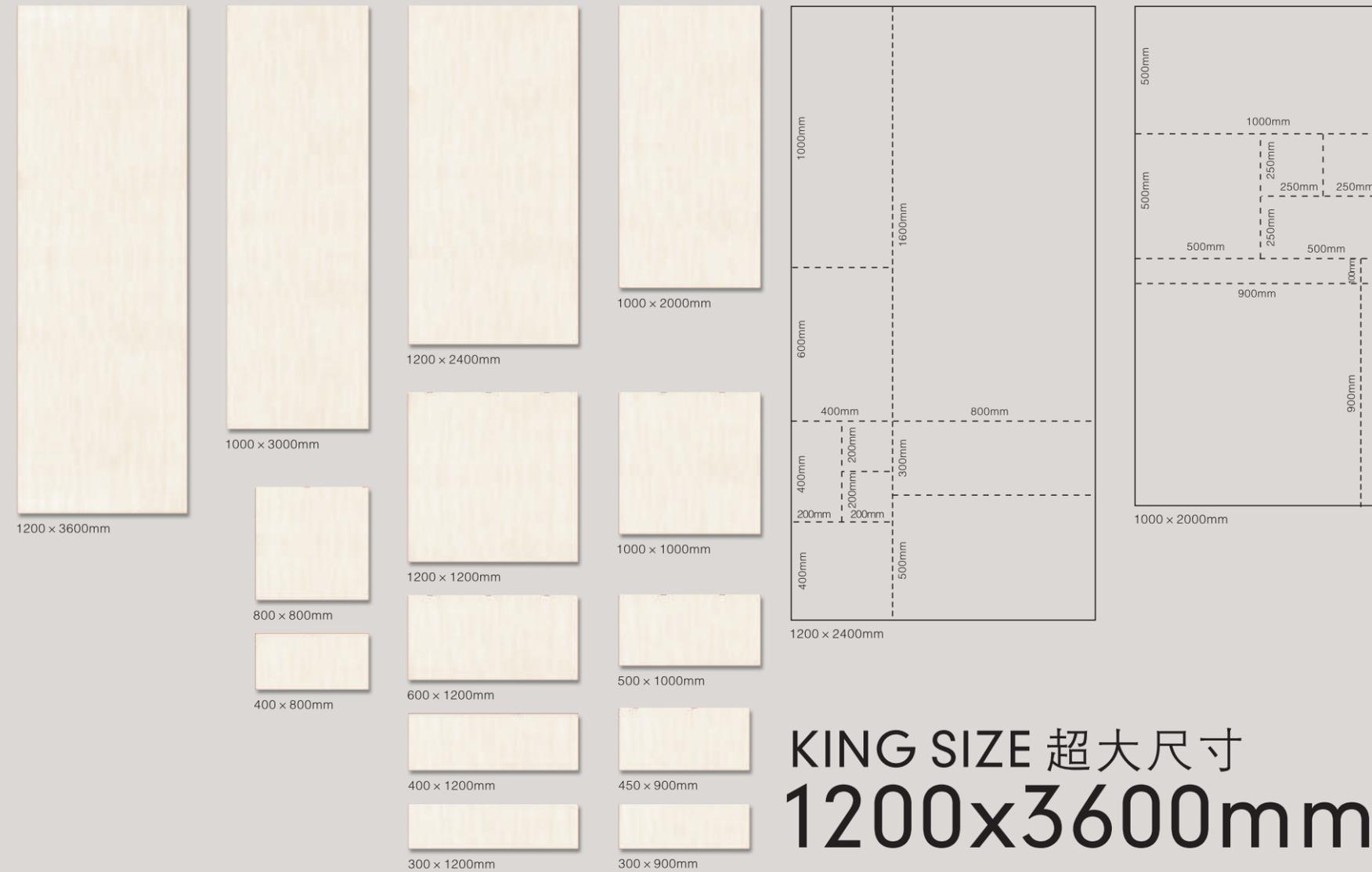
The newly developed "Thin Tile 0.45" porcelain lamina can be up to 3600mm by 1200mm, which is kind of environmental protection material, economical and cost-effective.

It provides a wide range of prospects opened up concerning sustainable optimization of existing portfolios, residential and commercial developments, which could change the way you decorate your hotel and better for home improvement, to help designers accomplish their brilliant ideas simply and easily. Don't miss out!

We would like to take this opportunity to invite you to join us for a win-win partnership, let's build a beautiful natural world together.



Customized sizes can be arranged for your project  
可定制切割各种尺寸



## DIMENSIONS

**KING SIZE 超大尺寸**  
**1200x3600mm**

Better for brilliant idea, match everything else.

卓见首选，百搭材质。



铺贴大型会议桌面，取代木制传统板材。  
A better idea to replace the conventional wooden desktop in your conference room.



取代传统木质隔断，实现更高规格防火要求。  
Support higher classification of fireproof requirements to replace wooden doors and wooden partition.



铺贴浴室墙面、台面地面一次性到位效果绝佳。  
Bathroom countertop, wall and floor looks more integrated.



铺贴浴缸、墙面造景更具生活创意。  
Creative lifestyle with different thin tile designs



医院病房、走廊、手术房隔间完全无菌隔离最安全。  
Safe partition of aseptic, segregation rooms in the hospital.

#### Benefits of SANWON Thin Tile .45:

- Using the newest European technology, SANWON Thin Tile .45 can be installed directly over existing tiled wall. No tear out means minimal clean up.
- SANWON Thin Tile .45 can also be installed directly on dry wall, cement board, and other wall substrates
- SANWON Thin Tile .45 reduces installation time by up to 50%.
- Great for kitchen backsplashes, shower walls, accent walls, fireplace and tub surrounds, outdoor kitchens and any other wall installations.

#### Installation Tips:

- Make sure all existing walls are thoroughly cleaned and free of dirt, dust, grease and residue.
- It is recommended to use a polymer modified thin set when installing this product
- Recommended trowel sizes for each items are as follows:
  - Thin Tile less than 6" use a 3/16" x 5/32" V-notch trowel
  - Thin Tile larger than 6" use a 1/4" x 1/4" x 1/4" square notch trowel
- Porcelain tiles are subject to shade variation. Select tile with identical shade number and size. Inspect all tiles prior to installation. Rotate tiles if necessary to achieve a non-repeat look.

Sanwon pod help you to reduce installation time and cost

三荣预制隔间，简单、迅速地帮你节省时间和施工费用.....



在地面木结构上竖立起镀锌锌板后再订上隔间木板。  
After setting up galvanized plate from wood structure on the ground, wood plank will be set up for division of the space.



预留水管后，将木做洗脸台插入木隔板洞内固定好。  
Insert wood basin into wood division plank hole and fix it after water pipe is reserved.



置入冷、热进出水管后再覆盖木做隔板密封。  
Cover and seal it with wood division plank after inserting cold and hot water inlet and outlet lines.



将木做隔板全部覆盖密封后，再将“新瓷”产品括上粘合剂粘帖上去即可完成。  
After covering and sealing with wood division plank, the building of compartment draws to an end after being pasting up "THIN TILE" product with adhesive.



简单易用的三荣薄板预制隔间帮你节省大量的砖头，沙石、水泥、人力、与施工期成本，让工地节能减排，更少垃圾.....为环保尽一分心力。  
Simple and easy Thin Tile prefabricated pod avoid lots of bricks, sand, cement and construction cost, leaving no trace of rubbish, ash on the construction site.....making contribution to environment protection.



Easy cutting for your designs 配合设计随意切割



超薄厚度与防火性能可全面取代木制隔板，制作各种不同的橱柜、酒柜、台面并与墙、地面搭配，不会霉变，易于清洁，且更防火更安全。

Using the latest European technology, Sanwon Thin Tile can be installed directly over existing tiled wall, no tear out means minimal clean up. Sanwon Thin tile can also be installed directly on dry wall, cement board, and other wall substrates. Its feature of ultra-thin and fireproof performance makes it a good replacement of conventional wooden partition, it is versatile which is great for worktop, kitchen backslashes, shower walls, accent walls, fireplace and tub surrounds, outdoor kitchens and any other wall installations.



## SCENES

室内外空间均适用  
Applicable for both indoor & outdoor use





时尚 Style Selections



BSS 03



BSS 02



BSS 06



BSS 16



BSS 08

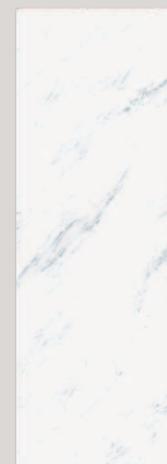


BSS 09

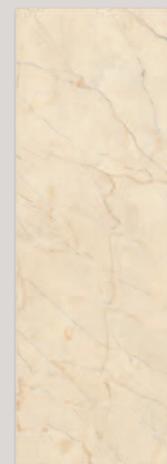


BSS 10

大理石纹 Marble Veins



BSC 01



BSN 02

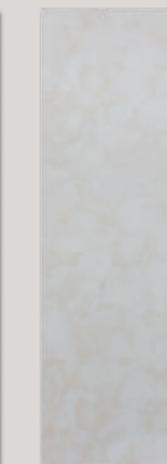


BSN 08

石纹 Stone Pattern



BSB 02



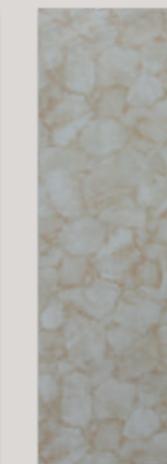
BSB 03



BSB 04



BSB 06



BSB 08



BSB 10



通体 Color Body

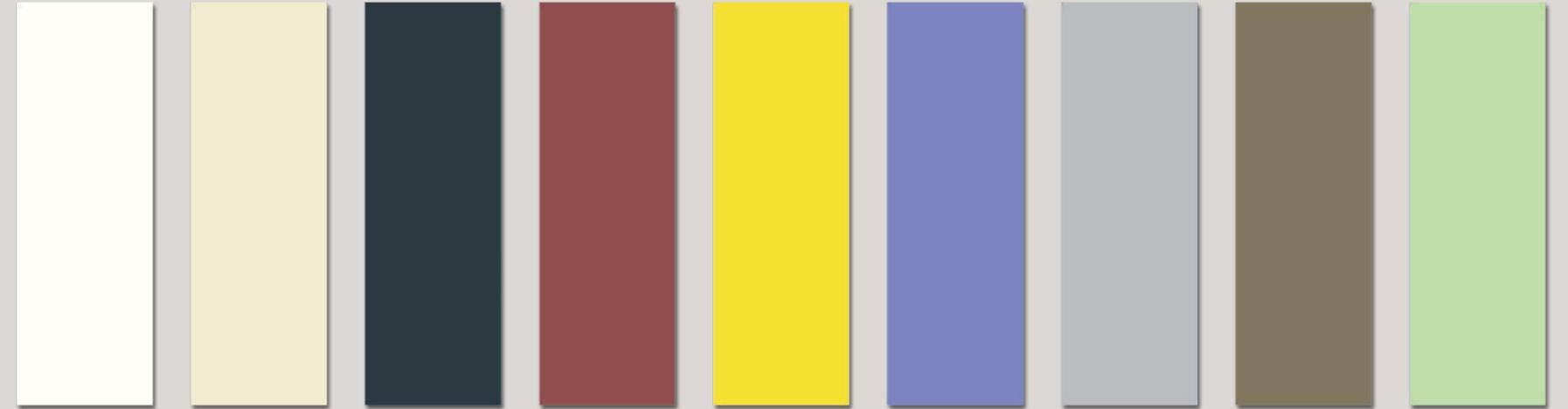


BSF 02      BSF 08      BSF 05      BSF 09



BSF 05A      BSF 10A      BSF 08A

纯色 Solid Color



BSP 01      BSP 08      BSP 10      BSP 06      BSP 28      BSP 07      BSP 05      BSP 09      BSP 04

木纹 Wood Look



BSW 01      BSW 08      BSW 09      BSW 10      BSW 06A

板纹 Slate Style



BSL 02      BSL 04      BSL 05      BSL 09



水泥 (180x540mm局部放大图)  
Cement (Sample enlarged)



BSA 05      BSA 08      BSA 09      BSA 10

沙纹 (180x540mm局部放大图)  
Sand ripple (Sample enlarged)



BSE 01A      BSE 09



帝国 (180x540mm局部放大图)  
Empire (Sample enlarged)



BSD 01      BSD 02      BSD 05      BSD 08      BSD 09      BSD 10

珍珠 (66x198mm局部放大图)  
Pearl (Sample enlarged)



BSG 01      BSG 05      BSG 08      BSG 09      BSG 10      BSG 10A



三维立体喷绘  
3D Printing



3D 1801  
600x1800mm

3D 1802  
600x1800mm

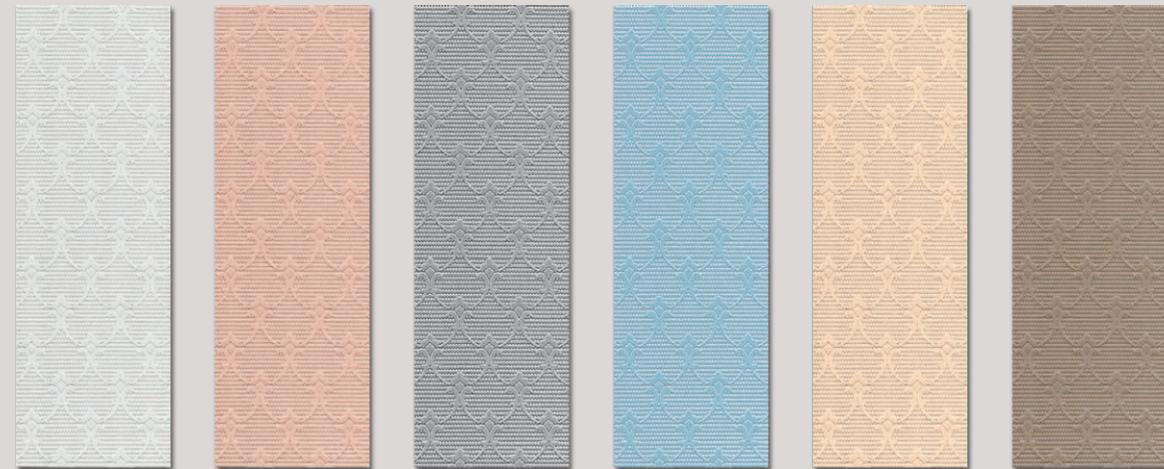
3D 1804  
600x1800mm

充满设计感的3D立体场景  
可与任何不同尺寸、规格瓷砖或素材完美连结  
创造出来的背景墙面效果有如实景  
置身其中放眼欣赏仿若打开绿意情境的窗口  
让室内、外充满大自然视野  
为空间美感打造出更多品味与价值

Various high-grade and fine photos or paintings can be printed on "THIN TILE", for stereoscopic exquisite and beautiful decorating design, it's more realistic and you can enjoy it for your own project.

It's our long-lasting commitment to the environment, and also a great help to your project, for the larger, thinner, lighter and productive features.

浮雕 (66x198mm局部放大图)  
Emboss (Sample enlarged)



BSM 01

BSM 02

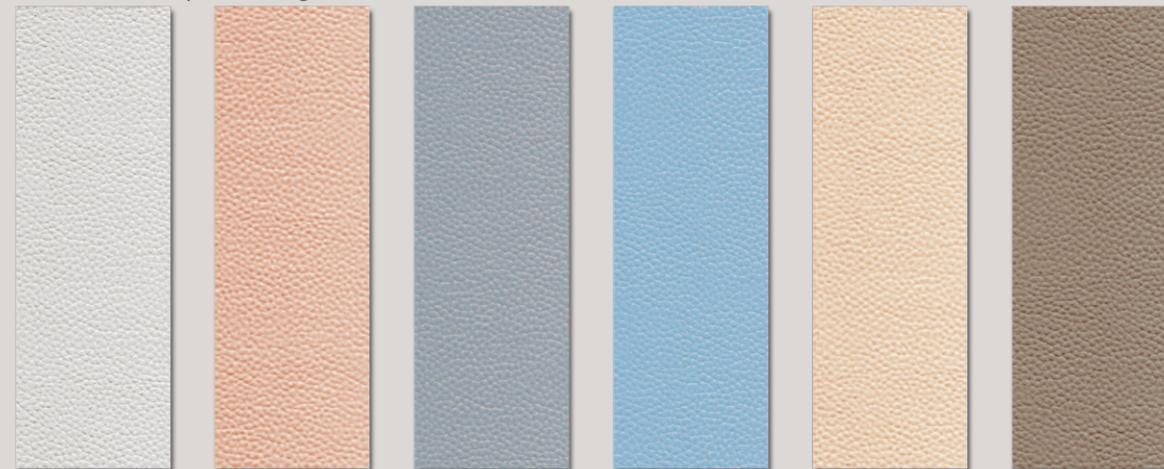
BSM 05

BSM 07

BSM 08

BSM 09

皮纹 (66x198mm局部放大图)  
Leather (Sample enlarged)



BSQ 01

BSQ 02

BSQ 05

BSQ 07

BSQ 08

BSQ 09

布纹 (66x198mm局部放大图)  
Fabric Look (Sample enlarged)



BSZ 02

BSZ 03

BSZ 05



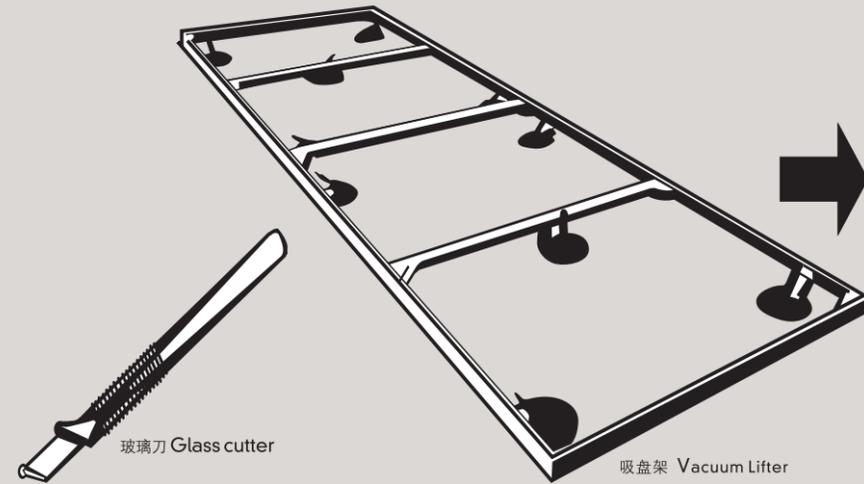
BSZ 08

BSZ 09

BSZ 10

Simple and Easy, save time and money.

改变，让你的工程更快、更简单。

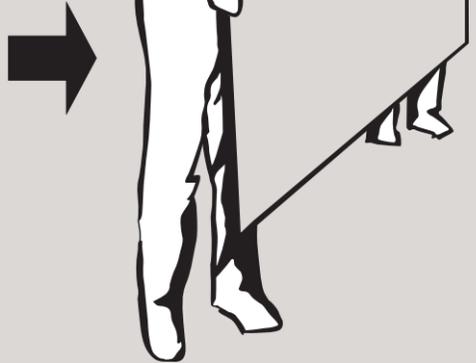


玻璃刀 Glass cutter

吸盘架 Vacuum Lifter

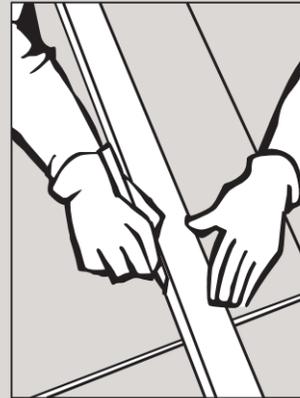


施工时同搬运玻璃的方法一样，采用吸盘架将产品牢牢吸住，两人就可以上下前后移动。  
"THIN TILE" can be lifted and handled like glass, just using the same vacuum lifter.

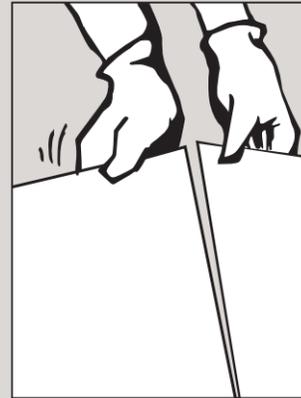


近距离可以两人协作小心搬运  
Team-lift works for close range moving

Installation Tips 施工技巧



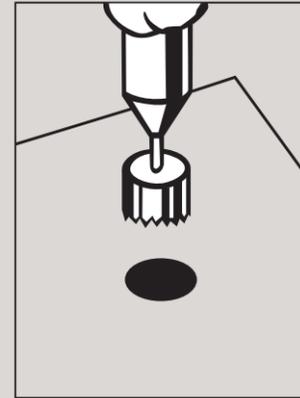
切割直线用玻璃刀在釉面划下切割线。  
You can obtain excellent results in terms of shape and clear cuts by engraving THIN TILE with the glass cutter.



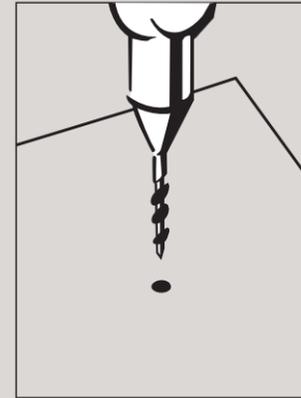
双手往下用力就可以轻易折断。  
After completing the cut, it is sufficient to bend the THIN TILE to detach the two pieces, just like cutting glass.



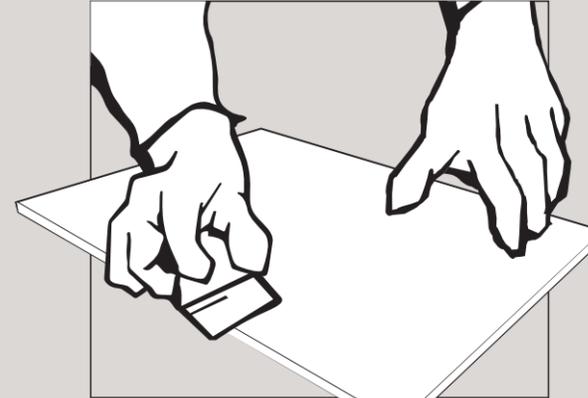
手动切割机可以任意切割需要的方形洞孔。  
THIN TILE can be cut by using diamond discs, which can be used on electrical or handheld grinding machines or cutting benches.



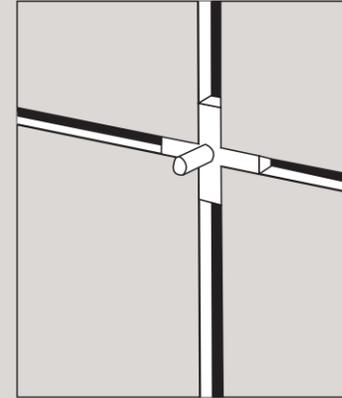
可以轻易的钻取不同大小的洞孔。  
You can use bits for glass which fitted to electrical drills or battery-operated screwdrivers.



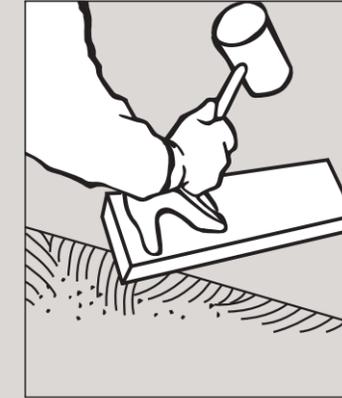
也可以轻易的挖出需要的小孔。  
Smaller holes can also be drilled using cutting discs fitted to electrical drills or battery-operated screwdrivers



切割完需要用磨砂纸将锐利的边线磨平。  
Edges can be finished by using abrasive diamond sponges or emery paper.



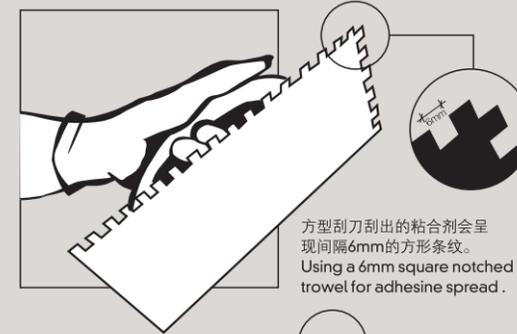
铺贴时要预留2mm缝隙预防热胀冷缩季节变化。  
2mm joint between THIN TILE is required for expansion and shrinkage.



铺贴后将表面轻轻拍打，让内层完全密合并保证表面完全平整。  
Make sure the THIN TILE and adhesive is fully combined and the surface is perfectly smooth.



大片铺贴时要用吸盘控制移动位置才能精准。  
Sucker is requested for large size THIN TILE.

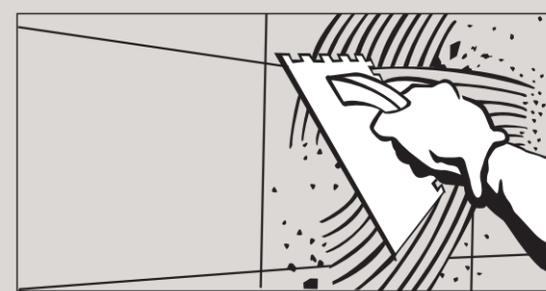


方型刮刀刮出的粘合剂会呈现间隔6mm的方形条纹。  
Using a 6mm square notched trowel for adhesive spread.



齿形刮刀刮出的粘合剂会呈现间隔6mm的尖形条纹。  
Using a 6mm teeth shape notched trowel for adhesive spread.

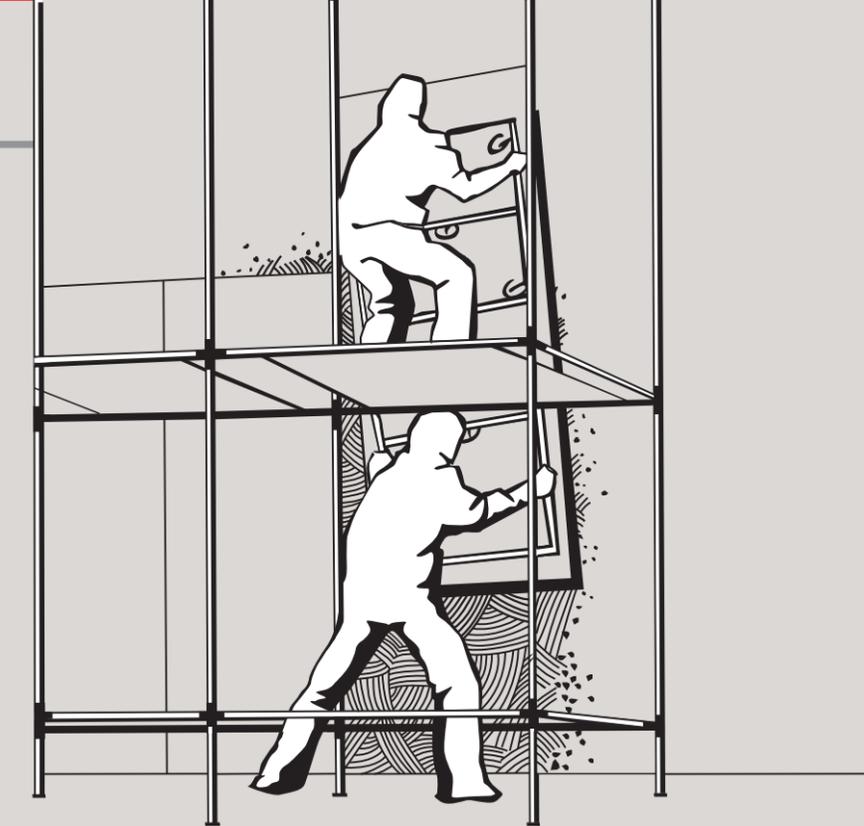
齿形与方形泥水刮刀皆可使用。  
Square notched trowel & teeth-shape notched trowel are both applicable.



在旧瓷砖表面直接覆盖粘合剂，并维持不同的方向刮出。6×6×6mm条纹。  
Spread the adhesive on current tiles using a 6mm notched trowel, make sure the amount of adhesive is consistent and evenly spread.



粘合剂条纹区域要比砖的面积大才能将砖贴上。  
The area of adhesive is larger than THIN TILE.



直立式贴法需两人上下一起移动。  
Teamwork is requested for moving large THIN TILE.

# thin .45 tile

king size porcelain lamina

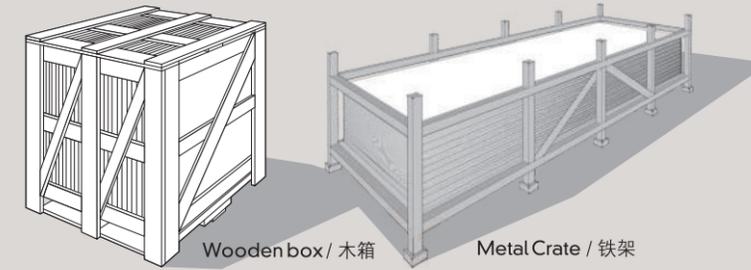
## 新瓷

### Recommended Scenes 适用场所

	<b>Redecorating</b> 二次装修 不必敲下旧地砖，施工时直接粘帖覆盖旧地砖安全、省时、又省工。
	<b>Indoor wall/floor</b> 室内墙地砖 大规格铺贴气派、豪华、迅速、方便。
	<b>Bathroom wall/floor</b> 卫生间墙地砖 可以配合不同的空间切割各种不同规格尺寸表现特殊风格。
	<b>Outdoor wall</b> 室外墙砖 超大尺寸铺贴外墙可以降低成本缩短工期。
	<b>Exterior wall</b> 室外围墙 铺贴室外围墙时，只要设计好结构不必砌砖，直接铺贴快速又美观。
	<b>Indoor room divider</b> 室内隔间 可以设计活动式室内隔间，多出更大室内使用空间。
	<b>Table、Cupboard</b> 桌面、橱柜 取代木质板材制作桌面、橱柜防火又安全好清理。
	<b>Bathtub、Desktop</b> 浴缸、台面 可设计特殊造型铺贴浴缸、台面造景美观又实用。
	<b>Bar counter、Cabinet</b> 吧台、酒柜 可铺贴特殊风格的吧台、酒柜，取代木板隔层。
	<b>Partition twin</b> 双面隔板 经过特殊加工的双层隔板釉面厚度仅有10mm，可以取代传统木门或隔板。
	<b>Composite panel partition</b> 复合隔墙板 背面加工贴上蜂窝铝板的隔墙板是为了强化隔音、隔冷热的最佳绝缘体。

### Technical Specification 技术参数

	Industrial Standard 工业标准 【参照陶瓷板国家标准GB/T23266-2009】	Sanwon THIN TILE 三荣“新瓷”数据
 Springiness limit 弹性限度	No less than 12mm 弹性限度不小于12mm	15mm
 Water absorption 吸水率	Average E≤0.5%, Individual E≤0.6% 平均值 E≤0.5%, 单值 E≤0.6%	E≤0.5%
 Modulus of rupture 断裂模数	Average≥45MPa, Individual≥40MPa 平均值≥45MPa, 单值≥40MPa	≥50MPa
 Abrasion resistance 耐磨性	Floor tile: UL, ≤150mm <sup>3</sup> ; GL, minimal class3@750cycles 地板用无釉陶瓷板耐磨损体积不大于150mm <sup>3</sup> ; 地板用有釉陶瓷板耐磨性不低于3级(转数750转)	Qualified 合格
 Cracking resistance 抗釉裂性	Free from visible defects after test 有釉陶瓷板经抗釉裂性试验后应无裂纹或剥落	Qualified 合格
 Frost resistance 抗冻性	Free from visible defects after test 用于冰冻环境的陶瓷板经抗冻试验后应无裂纹或剥落	Qualified 合格
 Resistance to staining 耐污染性	Minimum class3 for glazed tile 有釉瓷质板经耐污染试验后应不低于3级	Class4
 Thermal shock resistance 抗热震性	Free from visible defects after test 经抗热震试验后应无裂纹或剥落	Qualified 合格
 Household Chemicals 家庭用化学	Minimum UB for unglazed tile 无釉瓷质板应不低于UB级	UA/GA
 Swimming Pool Salts 游泳池盐类	Minimum GB for glazed tile 有釉瓷质板应不低于GB级	UA/GA
 Acids 酸溶液	Manufacture state the class level passed 制造商报告产品耐低浓度酸腐蚀性的级别	UA/GA
 Alkalies 碱溶液	Manufacture state the class level passed 制造商报告产品耐低浓度碱腐蚀性的级别	UA/GA
 Length & Width 长度和宽度	± 1.0 mm	± 1.0 mm
 Thickness 厚度	± 0.3 mm	± 0.3 mm
 Opposite size difference 对边长度差	≤ 1.0 mm	≤ 1.0 mm
 Diagonal difference 对角线长度差	≤ 1.5 mm	≤ 1.5 mm



Wooden box / 木箱

Metal Crate / 铁架

### Metal Crate / 铁架

Thickness 厚度	Actual Size 实际尺寸	Quantity 包装片数	Coverage 包装面积	Weight 包装重量
4.5mm / 0.177in	1000×3000mm / 39.37×118.11in	50 PCS	150m <sup>2</sup> / 1614.58sq.ft	1575Kg / 3473Lbs
4.5mm / 0.177in	1000×2000mm / 39.37×78.74in	100 PCS	200m <sup>2</sup> / 2152.77sq.ft	2100Kg / 4631Lbs
4.5mm / 0.177in	1200×2400mm / 47.24×94.49in	50 PCS	144m <sup>2</sup> / 1549.90sq.ft	1512Kg / 3334Lbs

### Cartons & Pallet / 纸箱和托盘打包

Thickness 厚度	Actual Size 实际尺寸	Qty per box 装箱数量	Coverage/box 装箱面积	Box Weight 单箱重量	Qty on Pallet 托盘包装数量	Pallet Weight 托盘重量
4.5mm / 0.177in	1200×2400mm / 47.24×94.49in	2 PCS	5.76m <sup>2</sup> / 62.00sq.ft	58.2Kg / 128.3Lbs	22 boxes / 44 PCS	1310Kg / 2889Lbs
4.5mm / 0.177in	1000×2000mm / 39.37×78.74in	2 PCS	4.00m <sup>2</sup> / 43.06sq.ft	40.4Kg / 89.1Lbs	22 boxes / 44 PCS	989Kg / 2181Lbs
4.5mm / 0.177in	1200×1200mm / 47.24×47.24in	4 PCS	5.76m <sup>2</sup> / 62.00sq.ft	58.2Kg / 128.3Lbs	26 boxes / 104 PCS	1543Kg / 3402Lbs
4.5mm / 0.177in	1000×1000mm / 39.37×39.37in	4 PCS	4.00m <sup>2</sup> / 43.06sq.ft	40.4Kg / 89.1Lbs	26 boxes / 104 PCS	1080Kg / 2381Lbs
4.5mm / 0.177in	800×800mm / 31.50×31.50in	4 PCS	2.56m <sup>2</sup> / 27.56sq.ft	25.9Kg / 57.1Lbs	26 boxes / 104 PCS	703Kg / 1550Lbs
4.5mm / 0.177in	600×1200mm / 23.62×47.24in	4 PCS	2.88m <sup>2</sup> / 31.00sq.ft	29.1Kg / 64.2Lbs	52 boxes / 208 PCS	1543Kg / 3402Lbs
4.5mm / 0.177in	500×1000mm / 19.69×39.37in	4 PCS	2.00m <sup>2</sup> / 21.53sq.ft	20.2Kg / 44.5Lbs	52 boxes / 208 PCS	1080Kg / 2381Lbs
4.5mm / 0.177in	400×1200mm / 15.75×47.24in	6 PCS	2.88m <sup>2</sup> / 31.00sq.ft	29.1Kg / 64.2Lbs	40 boxes / 240 PCS	1194Kg / 2632Lbs
4.5mm / 0.177in	300×1200mm / 11.81×47.24in	6 PCS	2.16m <sup>2</sup> / 23.25sq.ft	21.8Kg / 48.1Lbs	40 boxes / 240 PCS	902Kg / 1988Lbs
4.5mm / 0.177in	400×800mm / 15.75×31.50in	8 PCS	2.56m <sup>2</sup> / 27.56sq.ft	25.9Kg / 57.1Lbs	40 boxes / 320 PCS	1066Kg / 2350Lbs
4.5mm / 0.177in	450×900mm / 17.72×35.43in	8 PCS	3.24m <sup>2</sup> / 34.88sq.ft	32.7Kg / 72.1Lbs	40 boxes / 320 PCS	1338Kg / 2950Lbs
4.5mm / 0.177in	300×900mm / 11.81×35.43in	8 PCS	2.16m <sup>2</sup> / 23.25sq.ft	21.8Kg / 48.1Lbs	40 boxes / 320 PCS	902Kg / 1988Lbs

