



•rubicer

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SlimCeramic



just 4,8 mm



A great technological innovation in big size and 4,8mm thickness porcelain panel

It's Stronger. It's lighter. And easier to apply

## The Product Slimceramic

SLIMCERAMIC tile is a great scientific and technological innovation. We adopt the world's most advanced special ceramic production technology and produce oversized porcelain sheet board with thickness of only 4.8 mm in a specialized way. Compared with ordinary ceramic tiles, the weight of building ceramic materials in unit area can be reduced by 1 time; more than 60% of raw materials resources can be saved; over 50% of overall energy consumption is reduced.

The application of SLIMCERAMIC tile is a revolutionary alternative of the traditional building ceramics and traditional decorative materials. In accordance with the international production standards, relying on high technology; SLIMCERAMIC tile marches forward a higher level in decoration and function compared with traditional materials. This product not only has strong physical properties which are durable, but also has the outstanding merits of "huge, thin, light, stiff and new. They represent "new technologies, new processes and new materials, became the top choice sheet products to improve quality and create personality and pursue perfectness in the field of decoration, which are known as the "green skin of construction".

SLIMCERAMIC tile not only can replace the traditional ceramic and traditional decorative materials comprehensively, but also can be widely used in

interior and exterior space decoration of various places such as households, hotels, railway stations, airports, subway and other places. It possesses lots of merits such as lowering costs significantly, energy conservation and environmental protection, beautiful and elegant and so on. It can enhance the quality of modern life comprehensively.

We know well that energy conservation and emission reduction not only meet social responsibility and environmental protection but also can directly help customers to control cost and increase profitability and competitiveness. Compared with similar products, SLIMCERAMIC tile possesses lots of features such as large specification, thin, light weight and high rigidity, application of new technology and energy conservation and environmental protection etc. The actual measure values of a number of physical and chemical indexes are superior to standard. The low water absorption rate and good abrasion

resistance guarantee the quality stability during paving. It has excellent extreme cold and extreme hot resistance. The construction of SLIMCERAMIC tile is convenient. This not only helps to maintain the cleanliness of construction site but also can reduce labor intensity of construction workers effectively. What is more, it can save a lot of comprehensive fees in cutting and paving accessories etc.

## 10 Advantages of Slimceramic

1. SLIMCERAMIC tile products are light and thin; the quantity of construction ceramics material in unit area can be reduced over 1 time than the conventional ceramic materials; more than 60% of raw material resources are saved; 50% of comprehensive energy consumption is reduced; energy conservation and environmental protection; its weight is only 1/3 of traditional ceramics; logistics costs are saved significantly.
2. The building's own load is reduced effectively. For high-rise buildings, the effect is more obvious; the cost for accessory and labor in installation can be reduced. For the floors below 24 square meters, stick can be adopted, thus cost can be saved significantly.
3. As for old house renovation, it is not necessary to pry the original wall and floor tiles; reducing noise pollution, water and electricity consumption can be reduced; paving costs and industrial pollution are reduced; construction period is shortened;
4. Relative to aluminium plastic plate, SLIMCERAMIC tile is applied to external walls without deformation and fading. It has stronger wear resistance.
5. It has higher hardness compare to wallpaper; anti-moisture, with long life, fire proof and heat resistance;
6. Compare to wall tiles such as ceramic plate etc., cracking never appear; it is much more environment friendly, easier to maintain and durable;
7. Compare to stone materials, it has lower water absorption rate without color difference, radiation; its construction is simple and cost is saved;
8. Cutting of SLIMCERAMIC tile is more convenient with low cost. It can be accurately cut into various sizes with professional manual broach or glass cutter, and give designers greater design space especially in size collocation or mashup;
9. As for the north of Yangtze River where ground heating is needed, because the tack coat is thin and material itself is thin, Sipingyou ground heating is better with less energy loss and faster to enhance spatial temperature;
10. SLIMCERAMIC tile can be bonded with other materials for its original Italian design, more decorative art, rich and stable color and various tile effects. It is with prominent personalization and can be tailor-made. It can not only meet the needs of environmental protection materials but also it is a manifestation of personality and artistic taste.



# Go Green Go Slim

According to leading scientists, deducting the oxygen consumption of a tree itself, in the rain forest each tree can averagely release 273.000 liters of oxygen every year. With high efficient production process and technology, Rubicer can save up to 40% production energy. Compared to the traditional wood processing, application of every 1.000m<sup>2</sup> Rubicer Slimceramic can save at least 10 ripe trees and release more than 2.73 million liters of oxygen.

60%

Compared to the traditional ceramic production, Slimceramic reduces 60% of the mineral resources consumption

50%

Compared to the traditional ceramic production, Slimceramic reduces 50% of carbon and other solid emissions

40%

Compared to the traditional ceramic production, Slimceramic reduces 40% of the consumption

# Florest

Porcelanato Esmaltado Retificado

rectified glazed porcelainato | émaillé porcelanato rectifié | emailiertes porcelanato verarbeitet | porcelánico esmaltado



Florest White RSC60120FW - C12  
600x1200x4,8mm



Florest Caramel RSC60120FC - C12  
600x1200x4,8mm



Size	pcs / box	m <sup>2</sup> / box	Kg / box	box / pal	m <sup>2</sup> / pal	Kg / pal
60x120cm   24x48"	3	2,16 m <sup>2</sup>	25 Kg	34	73,44 m <sup>2</sup>	860 Kg

# Urban

Porcelanato Esmaltado Retificado

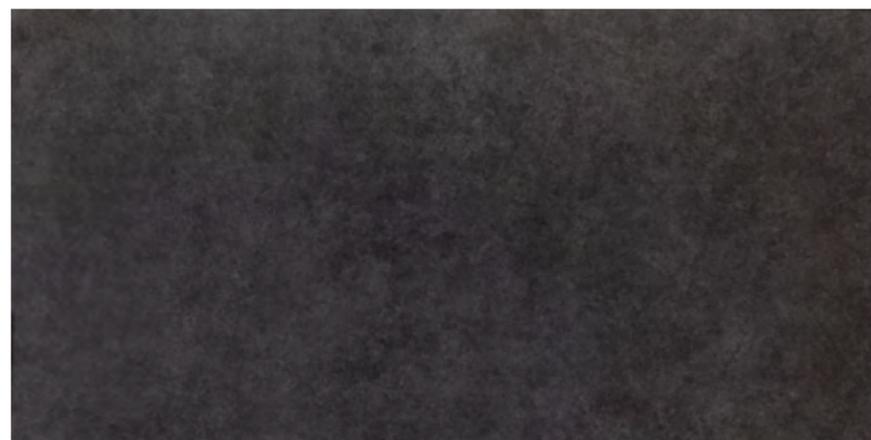
rectified glazed porcelainato | émaillé porcelanato rectifié | emailiertes porcelanato verarbeitet | porcelánico esmaltado



Urban Beige RSC60120UB - C12  
600x1200x4,8mm

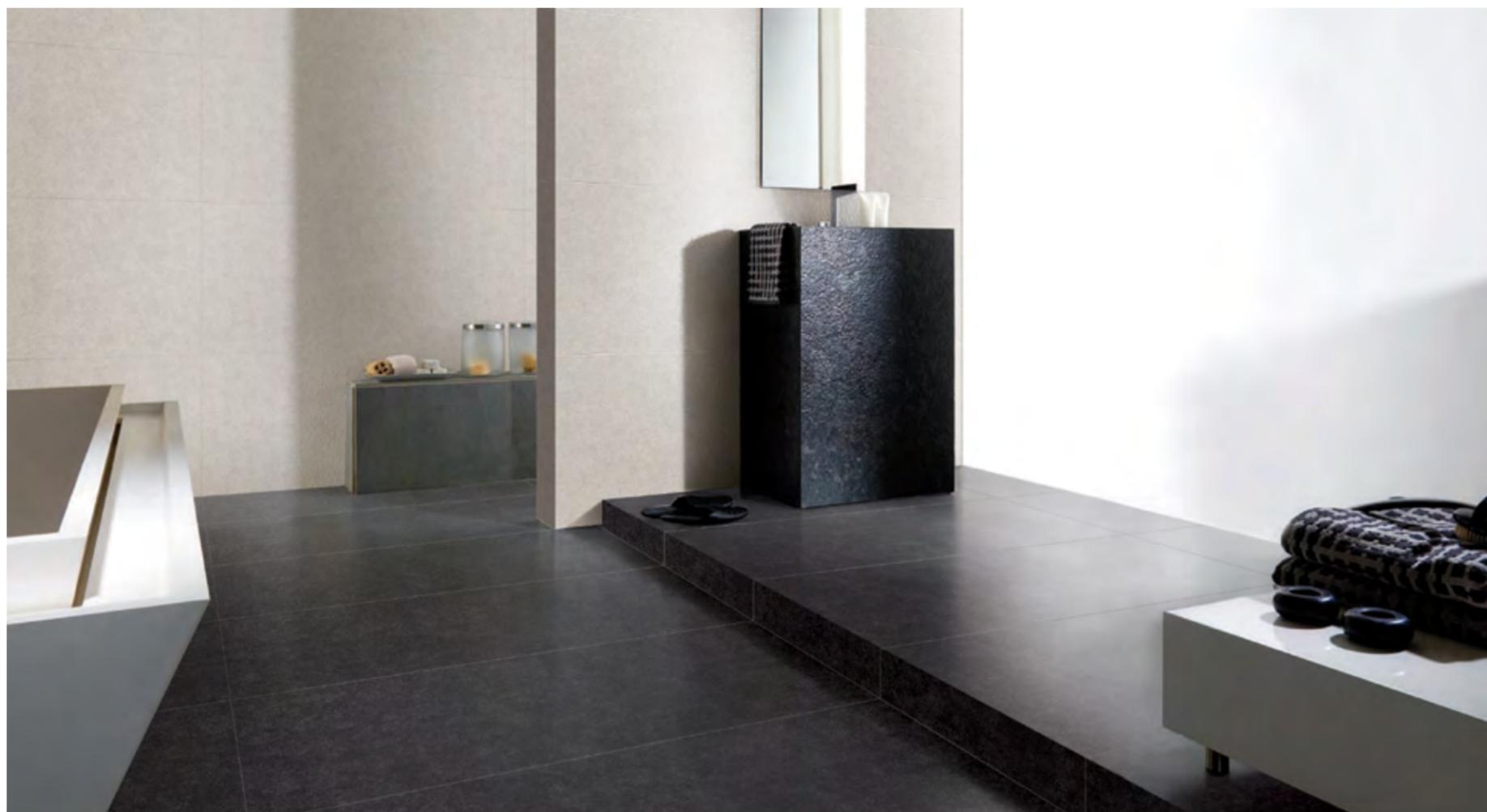


Urban Gris RSC60120UG - C12  
600x1200x4,8mm



Urban Noir RSC60120UN - C12  
600x1200x4,8mm

- Size  
60x120cm  
24x48"
- pcs / box  
3
- m<sup>2</sup> / box  
2,16 m<sup>2</sup>
- Kg / box  
25 Kg
- box / pal  
34
- m<sup>2</sup> / pal  
73,44 m<sup>2</sup>
- Kg / pal  
860 Kg



# Marble

Porcelanato Esmaltado Retificado

rectified glazed porcelainato | émailié porcelanato rectifié | emailiertes porcelanato verarbeitet | porcelánico esmaltado



Marble Marfim Polish RSC60120MMP - C14  
600x1200x4,8mm



Marble Smoth Polish RSC60120MSP - C14  
600x1200x4,8mm



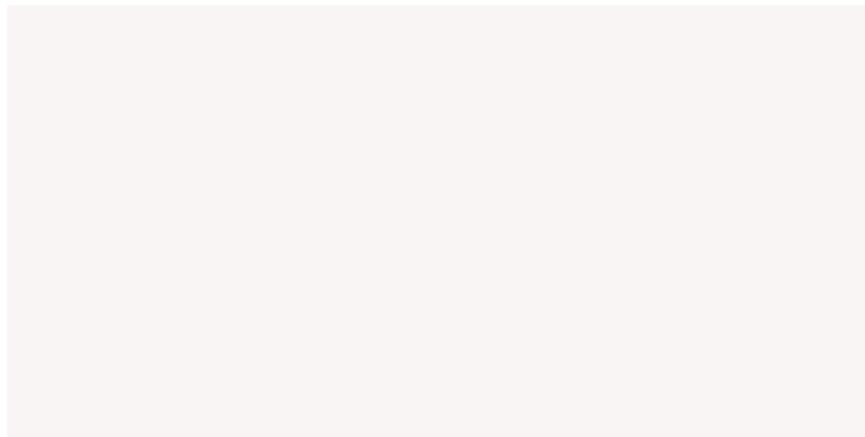
Size	pcs / box	m <sup>2</sup> / box	Kg / box	box / pal	m <sup>2</sup> / pal	Kg / pal
60x120cm   24x48"	3	2,16 m <sup>2</sup>	25 Kg	34	73,44 m <sup>2</sup>	860 Kg

# Solid

Porcelanato Esmaltado Retificado

rectified glazed porcelainato | émailié porcelanato rectifié | emailiertes porcelanato verarbeitet | porcelánico esmaltado

Polish or Mate



Solid White Polish RSC60120BRP - C14  
600x1200x4,8mm

Solid White Mate RSC60120BRM - C12  
600x1200x4,8mm



Solid Gey Polish RSC60120SGP - C14  
600x1200x4,8mm

Solid Gey Mate RSC60120SGM - C12  
600x1200x4,8mm



Size	pcs / box	m <sup>2</sup> / box	Kg / box	box / pal	m <sup>2</sup> / pal	Kg / pal
60x120cm   24x48"	3	2,16 m <sup>2</sup>	25 Kg	34	73,44 m <sup>2</sup>	860 Kg

# TECHNICAL MANUAL

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Sealant selection

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Drilling

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## APPLICATIONS

Building space with certain functions. Only the space decorative with suitable method, it can meet people's unique living and spiritual needs. Therefore, the innovation of spatial function, pattern and decoration is the greatest mission of SLIMCERAMIC.

Facing with people's multi-dimensional and variable demands nowadays, we will integrate into products and space decoration and make static space active. In visible places, SLIMCERAMIC tiles won people's love and trust by its extraordinary quality; in invisible places it is still seeking excellence, pays attention to every detail and makes its own qualities shine distinctively and brightly. There are always surprise when it exists.

## APPLICATION SCOPE

1. As the premise paving materials or components of environmental protection and energy conservation building;
2. As the decorative material for interior wall, exterior wall and floor of modern buildings;
3. As light and thin interval wall materials within modern building;
4. As the surface material of furniture products and electronic products;
5. As the decorative material in special environmental, it is anticorrosive, resists to acid and alkali, and prevents bacteria.

## NOTES

1. Before construction, it must be ensured that base surface is clean and leveling blanket shall meet the requirements.
2. In making leveling blanket mortar, too much lime is avoided to use in order to prevent efflorescence risk.
3. When using semidry and semi-wet method, the strength grading of cement on site shall not be less than 42.5. The mud content of sand shall be less than 1%.
4. When applying adhesive on the back and base of SLIMCERAMIC tile, compaction with force should be done to form effective contact between adhesive and base to reduce hollowing.

5. After adhesive is paved, SLIMCERAMIC tile should be adjusted timely.
6. In the process of final cleaning, residual water can not be remained in slush, or else it is prone to whiten.
7. In the process of paving SLIMCERAMIC tile and within 72 hours after construction completion, the works shall not be exposed to rain; shock and vibration should be avoided; direct exposure in sun should be avoided.

## CONSTRUCTION

The surface engineering design of SLIMCERAMIC tiles should include the following:

### 1. Requirements of base:

The surface engineering of indoor and outdoor floor: The tensile strength of base should not be less than 0.3Mpa; the shear strength should not be less than 0.5Mpa.

The surface engineering of interior and exterior walls: the tensile strength of base should not be less than 1.0Mpa; the shear strength should not be less than 1.0Mpa.

The flatness of base should not exceed 3mm/2m.

When base does not meet the above requirements, process should be done. When base is in process, cement mortar is the top choice.

### 2. The variety, composition and corresponding technical specifications of materials used in each structural layer and each layer in thinset method:

Structural layers of interior and exterior engineering, materials for each layer should have compatibility.

Structural layers for exterior wall, each structural layer material should pay attention to shallow expansion coefficient and coefficient of thermal conductivity getting close.

Appropriate choices of caulking agent for exterior wall should be epoxy caulking agent or sealant.

### 3. Specifications, colors and patterns and main technical and performance index of SLIMCERAMIC tiles:

As for the project with appearance and color requirements, color matching should be done on building ceramic sheet board and sealant.

### 4. The structural treatment of dilatation joint position, seam and special places:

As for the surface engineering of interior and exterior walls, dilatation joint should be set on the surface layer of SLIMCERAMIC tiles. Dilatation joints should be set every 3 to 4 meters. Vertical dilatation joint can be set on both sides of holes or the corresponding parts with cross-walls and columns; horizontal dilatation joints can be set on the top of or under hole or the places corresponding to floor. The width of dilatation joint should be 10mm, which can be determined according to climatic conditions of various places. Dilatation joint should use elastic materials in caulking.

The slit width among exterior wall SLIMCERAMIC tiles pasted on both sides of deformation joints on structural walls should be no less than the width of deformation joint.

The joint width among SLIMCERAMIC tiles should be no less than 3mm.

### 5. The waterproof and drainage structure of concave and convex parts on walls:

Waterproof and drainage structures should be used on concave-convex parts of walls such as sill of window, cornice, decorative lines, awnings, balcony and drain gully.

The top drainage slope in horizontal external angle of exterior walls should be no less than 3%. Dripping structure should be set.

## GENERAL PROVISIONS

Thin set method should be adopted when SLIMCERAMIC tiles is pasted on indoor wall and floor as well as outdoor walls.

When SLIMCERAMIC tiles is used for facing engineering of external wall, it should be consistent with the existing national standards Code for construction quality and acceptance of building decoration, and specification for construction and acceptance of tapestry brick work for exterior wall.

After entry of construction materials, sample retesting should be conducted for original tensile strength of cement-based adhesive agent, tensile strength of adhesive after freezing and thawing cycle, the total volatile organic compounds TVOC and total volatile organic compounds TVOC or sealant. Its performance index should meet the requirements of adhesive and sealant performance index table in this manual.

Before construction of surface engineering, the materials used in base, paste and slush should be premixed. They can be used only after test qualified. Model should be made before construction of surface engineering of interior and exterior wall. Outdoor wall model should be tested as per the provisions of the current industry standard testing for adhesive strength of tapestry brick of construction engineering JGJ110; and test results should meet requirements.

Before construction of surface engineering of SLIMCERAMIC tiles, the arrangement program of SLIMCERAMIC tiles should be clarified and numeration should be done in advance.

## TRANSPORT AND STORAGE

The box for SLIMCERAMIC tiles should be solid with reliable shock absorption measures. In the process of transportation rain, water immersion and long-term exposure in the sun should be avoided. Handle with care. Do not drop.

In transportation SLIMCERAMIC tiles in bulk, cross stand handling must be done; level carry is forbidden.

SLIMCERAMIC tiles should be stored in solid, smooth and dry warehouse. Stacking height should be determined based on the strength of box.

dim.	Pcs / Box	m <sup>2</sup> / Box	Kg / Box
120x60cm	3	2,16	25





## ISO STANDART

SLIMCERAMIC results for ISO standart

N.º	Item	ISO index	SLIMCERAMIC	
1	Water absorption rate (%)	≤ 0.5	≤ 0.08	
2	Breaking strength	≥ 700	830	
3	Modulus of rupture	≥ 45	55	
4	Abrasive resistance	-	Grade 5/4 (glazed polish)	
5	Resistance to thermal shock	Without cracking and spalling after test	Without cracking and spalling	
6	Resistance to craking	Without cracking and spalling after test	Without cracking and spalling	
7	Frost resistance	Without cracking and spalling after test	Without cracking and spalling	
8	Chemical resistance	Not lower than grade GB	Grade GA	
9	Stain resistance	-	Grade 5	
10	Limit of radioactive nuclear	-	A: I <sub>ra</sub> =0.40 I <sub>Y</sub> =0.89 Type A: I <sub>ra</sub> =0.4 I <sub>Y</sub> =0.89	
11	Elastic limit	-	19	
12	Anti-slip slope	-	12º	
13	Size and bias	Length	± 0.6	-1.0 ~ -0.5
		Width	± 0.6	-0.28~+0.5
		Thickness	-	-0.08 ~-0.09
		Average thickness	-	4.72 ~4.89
		Length difference of oposite sides	-	0.5
	Length difference of oposite angles	-	1.0	
14	Surface Quality	-	No obvious defects	

## ADHESIVE SELECTION

### 1. Indoor adhesive (indoor floor and walls)

Indoor adhesive is divided into two types: standard and reinforced. It is modified cement-based adhesive after polymer, with excellent performances such as high bonding strength, good flexibility, outstanding weather resistance, non-toxic and environmental protection etc. Products implement: grade C1T in JC/T547-2005 Adhesion Agent for Ceramic Wall and Floor Tile.

Therefore, it is recommended to use standard adhesives agent for paving as for the general cement-based indoor floors and walls; it is recommended to use reinforced adhesives agent for paving as for the wooden or glass base.

### 2. Outdoor adhesive (outdoor ground and walls)

Outdoor adhesive is modified epoxy-based adhesive after polymer with excellent performances such as high bonding strength, good flexibility, outstanding weather resistance, non-toxic and environmental protection etc. Products implement: the highest specification grade: C2TE in JC/T547-2005 Adhesion Agent for Ceramic Wall and Floor Tile.

Therefore, it is recommended to use outdoor adhesives agent for paving as for outdoor ground and walls.

N.º	Item	index
1	The original Tensile strength of adhesive (Mpa)	≥ 1.0
2	Tensile strength of adhesive after immersed in water (Mpa)	≥ 1.0
3	Tensile strength of adhesive after heat aging (Mpa)	≥ 1.0
4	Tensile strength of adhesive after freezing and thawing cycle (Mpa)	≥ 0.5
5	Tensile strength of adhesive after 20 min open assembly time	≥ 1.0
6	28 days shear strenght (Mpa)	≥ 2.0
7	Compressive Strength (Mpa)	≥ 17.5
8	Water absorption rate (%)	≤ 4
9	Free methanol (g / Kg)	≤ 1
10	Benzene (g / Kg)	≤ 0.2
11	Toluene + xylene (g / Kg)	≤ 10
12	Total volatile organic compounds TVOC (g / L)	≤ 50
13	Initial setting time (h)	0.75≤t≤6
14	Final setting time	≤ 12

## SEALANT SELECTION

### 1. Epoxy-based sealant

It is better to select epoxy-based sealant for outdoor wall sealant

### 2. Cement-based sealant

Cement-based sealant can be selected except for outdoor walls

Epoxy-based sealant

N.º	Item	index
1	Tensile strength (Mpa)	≥ 7.0
2	Tensile strength (Mpa)	≥ 24
3	240 min water absorption quantity (g)	≤ 0.1
4	Abrasion resistance (mm³)	≥ 250
5	Shrinkage (mm/m)	≤ 1.5

Cement-based sealant

N.º	Item	index
1	Compressive strength under standard test conditions (MPa)	≥ 15
2	Compressive strength after freezing and thawing cycle (MPa)	≥ 15
3	Bending strength under standard test conditions (MPa)	≥ 2.5
4	Bending strength after freezing and thawing cycle (MPa)	≥ 2.5
5	30 min water absorption quantity (g)	≤ 5.0
6	240min water absorption quantity (g)	≤ 10.0
7	Shrinkage (mm/m)	≤ 3.0
8	Abrasion resistance (mm³)	≤ 2000
9	Free methanol (g / Kg)	≤ 1
10	Benzene (g / Kg)	≤ 0.2
11	Toluene + xylene (g / Kg)	≤ 10
12	Thtal Volatile Organic Compounds 1VOC (g/L)	≤ 50

## COMMONLY USED TOOLS DURING CONSTRUCTION



Serrated trowel



Manual Broach



Glass Cutter



Vibrator



Rubber trowel



Angle grinder



Slow mixer electrical mixer



Rubber hammer



Cutting machine



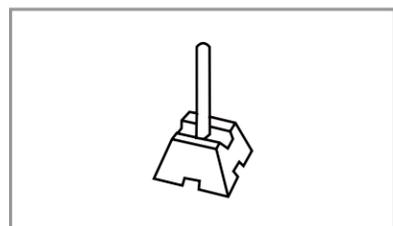
Putty knife



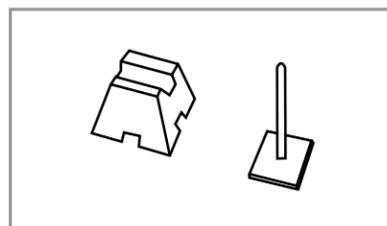
Cleaning sponge



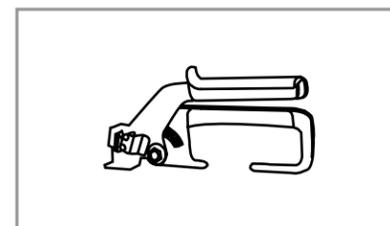
Glass drill bit



Leveling device



Lid and base

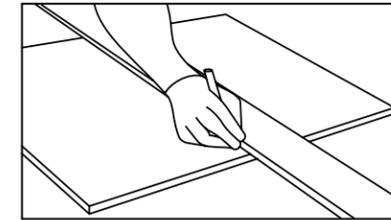


Pressure gun

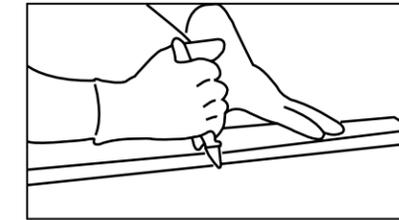
## CUTTING

SLIMCERAMIC tiles can be cut with glass cutter, with carborundum grinding wheel. Similar to other manual broach in traditional cutting method. In ceramic products, cutting must be done from front to back.

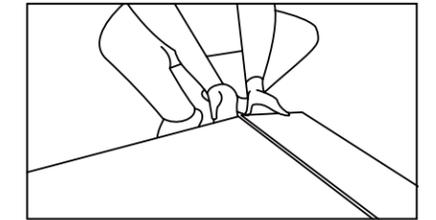
### Glass Cutter



1. Start to scratch from outer edge with continuous and uniform power on the surface of sheet board

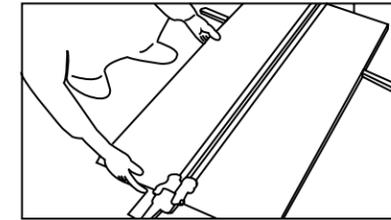


2. Keep perpendicular to surface; blade can not be away from cutting axis and without stop. DO NOT INTERRUPT OR REPEAT SCRATCHING.

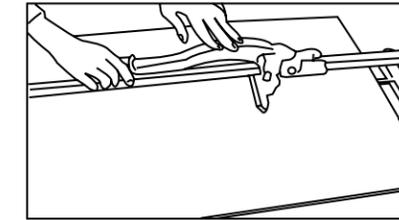


3. SLIMCERAMIC tiles is fixed on a stable and flat desktop, so that scratches can be aligned with table edge. Seize it, press down from split edge until it is broken

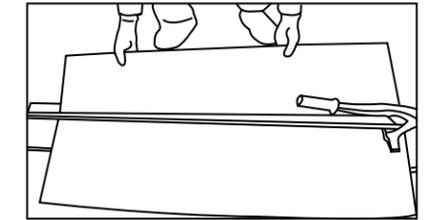
### Manual Broach



1. SLIMCERAMIC tiles is placed into broach; align to the cutting edge of broach according to the cutting size.



2. Keep pressure down and pull broach without stop. Do not interrupt or repeat scratching.



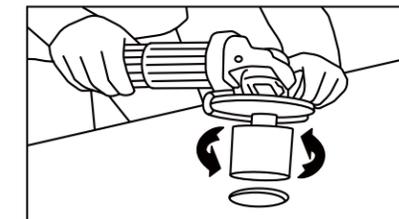
3. Fetch the cut SLIMCERAMIC tiles.

## DRILLING

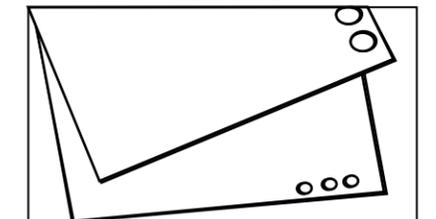
SLIMCERAMIC tiles can be easily perforated by glass drill and electrical carborundum grinding wheel.

Please ensure that tools are in good condition and processing is in a clean and smooth place either dry or wet use.

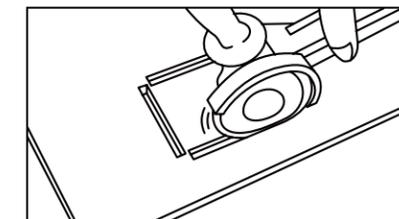
Once drilling or cutting, handle with care and sheetboard should be placed into position. Note that opening of drill hole should be operated on the back of the sheet board.



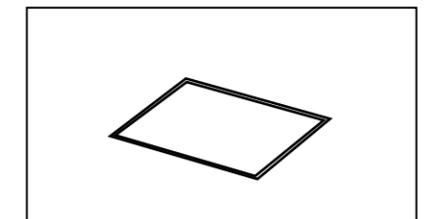
1. Glass drill with appropriate diameter can be applied according to actually required holes of different sizes. When drilling, keep tools tilt relative to sheet board



2. Effect after drilling



1. Open aperture within sheet board or conduct L-shaped cutting. Carborundum grinding wheel should be used with high speed rotation and low-speed advancement. It is recommended to drill hole on the top of opening-to-cut with small diameter glass drill before cutting.



2. Effect after opening



## CONSTRUCTION SCHEME FOR OLD WALL RECONSTRUCTION

SLIMCERAMIC thin tiles can be renovated for the second time under the condition that the original ground and wall are not changed. As the thin tile is light and thin, it has the irreplaceable advantage for wall renovation.

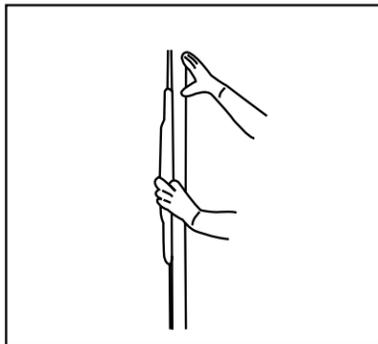
On one hand, as the thin tile is light, this reduces the bear load to the wall compared with other ceramic products. On the other hand, as the thin tile is thin, it will not produce big changes to the ground and wall when compared with other

ceramic products. The installation is quicker with lower construction cost!

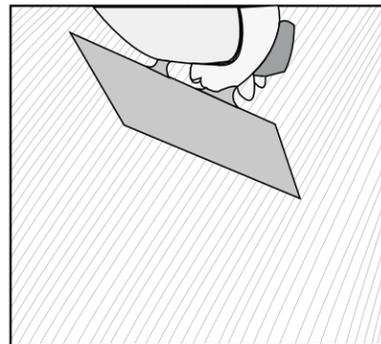
No need to remove the covering of the building. There is no noise and no construction waste produced.

Don't destruct the concealed works such as water drainage and electric appliance of original buildings.

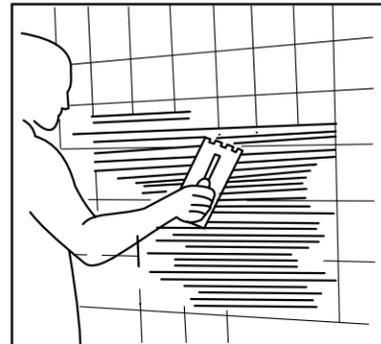
No need of special technology. Save renovation cost and time.



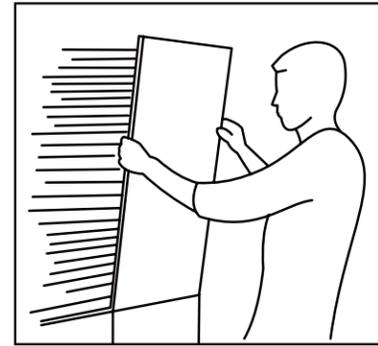
1. Check the flatness of leveling blanket or existing floor. Fill in concave or convex with leveling mortar



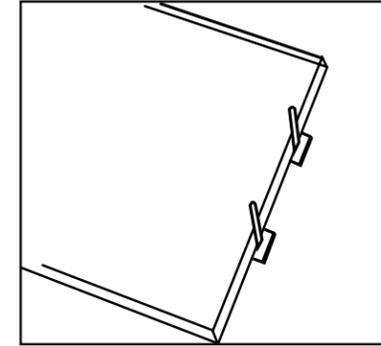
2. The choice of trowel depends on smoothness and flatness of the base. Generally speaking, it is proposed to use helical gear trowel with 6 to 10mm in base and use helical gear trowel with 3mm on the back of Slimceramic.



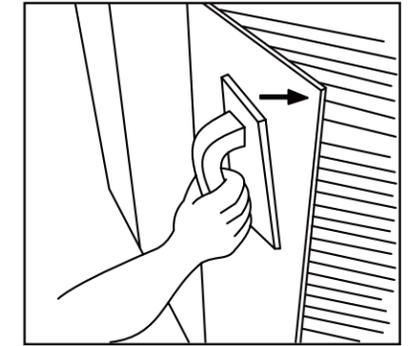
3. Apply adhesive evenly on the base; pay attention to cover all corners and edges to avoid hollowing aperture between base and tile. Always smear the adhesive in the same direction in order to let go the air trapped in between.



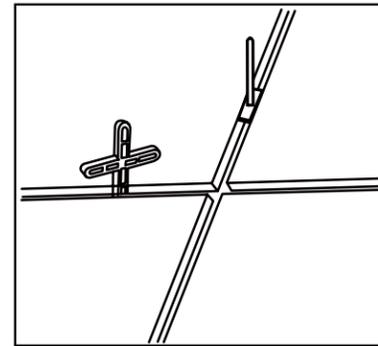
4. Lay down SLIMCERAMIC gently along the base; maintain tilt slightly adhere it slowly on base



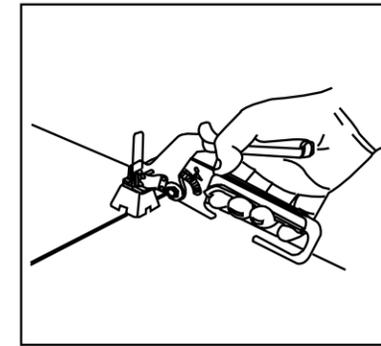
5. After ensured that the tile is even, according to the size of the tile, place 2-3 leveling device bases under the same side of the tile



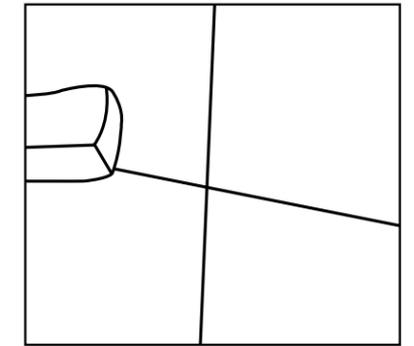
6. Tap surface with a rubber trowel; pay attention to eliminate air gap and air bubbles. It is ensured to paste corners and edge corners perfectly. During and after flooring construction, do not walk on floor immediately. The time for possible walking on floor specified by the adhesive manufacturer should be followed.



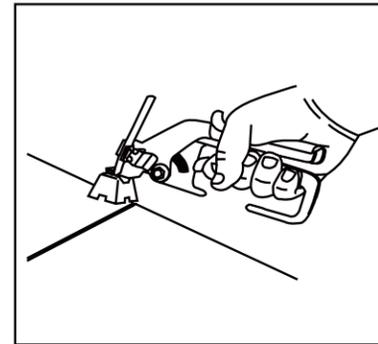
7. If seam is required when paving the second tile, then put the distance devices in between the joint after put in the leveling device bases and applied the second tile



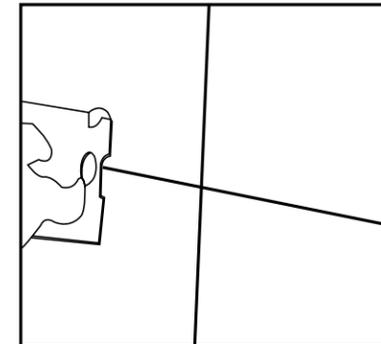
8. Put the leveling device lid on along the strap of the base and use the pressure gun to tide them on to the tile.



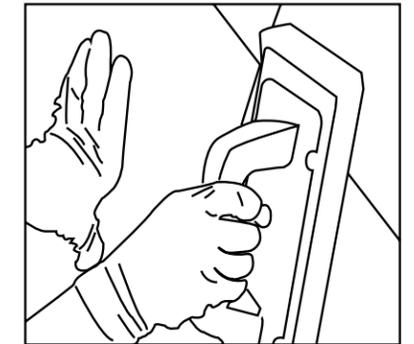
9. When tiles are tide and holed by the leveling devices, use a sponge to clean up the mud and dirt on the surface of the tiles.



10. Use the pressure gun to lift out the leveling devices and take away distance devices when the adhesive is dry and hold; In order to do that the strap of base must be separated from the base by putting more pressure on it with the gun.



11. Use rubber trowel to gradually fill in the apertures with sealant along caulking diagonal line. In seam cross, press with rubber trowel repeatedly to ensure the seam is completely filled with sealant.



12. Regardless whether lft semas needs sealing treatment, clear the adhesives pasted in seam with plaster knife before the initial setting of adhesives but not completed. If contamination is found on surface of SLIMCERAMIC after pasting, gently wipe away the dirt without causing displacement of SLIMCERAMIC tiles.



## CLEANING

Upon completion of paving construction of materials and slush, ceramic surface must be cleaned to remove all possible contaminants (cement patina, mortar residue etc).

It is essential to implement this operation correctly. AB if it is not done well or perfunctory, coagulation may occur. This will affect cleaning in the future.

In order to clean properly, the specific instructions must be followed about waiting time, applicable products and usage provided by sealant and adhesives manufacturers used in construction.

If area is large, it is recommended to use floor washer equipped with soft sand wheel for cleaning.

Some instructions on cleaning for different types of stains listed in the following table, which can be used as reference in cleaning.

Stain (24 hours)	Cleaning method
Stains from plants, vaseline oil, olive oil, coffee, tea, tomatoes, aromatic vinegar, coca-cola, red wine, shoe polish, Iodine, methylthionine chloride etc.	Clean with hot tap water
Greasy stain, potassium permanganate	Clean with detergent for nail polish
Indelible ink mark	Clean with solvent (nitro diluent)



## GENERAL PROJECT

Base should be clean and smooth without any defects such as loose, sugaring, honeycomb or decrustation etc.

Base flatness should not exceed 3mm/2m.

The seams of SLIMCERAMIC tile should be straight and smooth; caulking should be continuous and dense; width and depth should meet design requirements.

The allowed deviation of SLIMCERAMIC tile pasting on interior and exterior walls should be consistent with the existing national standards.

The allowed deviation of SLIMCERAMIC tile pasting on interior floor should be consistent with the existing national standards.

The number of construction quality inspection on base: random check should be done every 200 m<sup>2</sup> of construction area. What is more, three locations should be checked at least. As for the facing engineering of interior floor, each floor or each construction segment should be regarded as an inspection lot. Each inspection lot shall be inspected by natural room or standard room. The number of check should be not

less than three. In case of less than three altogether, all should be checked. Corridor should be divided by 10m as a room; hall and hallway should be divided as rooms by the area between two axes.

As for the surface engineering of interior wall with the same material, technology and construction conditions, every 50 rooms should be regarded as an inspection lot. As for less than 50 rooms altogether, all should also be regarded as an inspection lot. As for the rooms and corridors with large area, construction area of 30 square meters is regarded as one room. As for each indoor inspection lot, more than 10% should be checked at random with no less than three. In case of less than three altogether, all should be checked.

As for the surface engineering of exterior wall, inspection storey should be determined by storey height of building or 4m height. Check one place every 20m; each place should be 3m long. Three or more places should be checked for each inspection storey.

## DOMINANT ITEM

The variety and quality of material, adhesive, sealant, ceramic sheet board and other materials for base treatment must meet design requirements.

The cohesive strength inspection of the facing

engineering of exterior wall should comply with the provisions of the current industry standard.

The surface engineering of SLIMCERAMIC tile should be without hollowing and cracks.

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