



POLISHED 90×90/35.4"×35.4" ★ BY ORDER 60x120/23.6"×47.2" ★ BY ORDER

90×180/35.4"×70.8" ★BY ORDER

#### Made To Measure



Mini-grid







Staggered brickwork









FGA998565 FGA278565/T09G198565

POLISHED 90×90/35.4"×35.4" ★ BY ORDER 60x120/23.6"×47.2" ★ BY ORDER 90×180/35.4"×70.8" ★ BY ORDER





Checker board

Staggered brickwork



FLOOR: FGA278567 120×60/47.2"x23.6"



# Technical **Standards**

Tiles can be cut following the pattern or against the pattern. Special cuts outside this list can be provided under request.

#### **SPECIAL PIECES**

#### SLOT





Longitudinal

Square slot

Bevel cut

#### **SKIRTING**





Bull-nose cut

STEPS Anti-slip surface

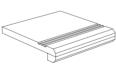




Bull-nose cut

Bevel cut

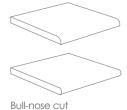




Bevel cut

Bull-nose cut

**EDGES** 



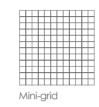


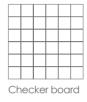
Bevel joint



Bevel joint

#### **MADE TO MEASURE**







brickwork

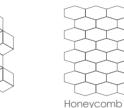
Diamond







Staggered brickwork





Staggered brickwork

#### **PLACEMENT GUIDE**

Herringbone

1. Before box opening, please verify product specification/ dimension, color, etc: make sure product of the same model is put in the same area instead of blending product of different types (unless a special decorative effect is pursued on purpose).

Hexagons

- 2. Before placement, dress the wall or floor well; determine brick arrangement according to placement type; in case of directional pattern, the product shall be applied as per the marked direction to reach the optimal decorative effect.
- 3. During pre-placement, pull two mutually vertical lines in the dressed ground and check leveling with the spirit meter; the wall vertically is checked by the plummet.
- 4. The ceramic sheet is recommended to be used together with 225#cement; the ceramic tile is recommended to be used together with 325#cement or glue; before placement, the ceramic sheet shall be fully soaked instead of ceramic
- 5. Mark line according to tile dimension and pay attention to reserve mortar joint.

- 6. During placement, tightly seal the joint by glue; upon request by customers, proper color additive can be used to fill in the joint.
- 7. During placement in main wall corner, proper amount of glue is applied to reach 1cm thickness; put one tile in the glue; slightly knock it with a wooden hammer to ensure the tile surface, edge and the pulled line in parallel or vertical
- 8. During placement of wall tile, slightly knock on the tile a good many times till it is tightly fastened.
- 9. After placement in 1 hour, clean cement or other dirt in the tile surface timely till thorough cleanliness of tile surface.
- 10. After placement in 12 hours, make inspection by knocking on the tile surface. In case of hollow sound, rework is required.
- 11. Don't walk on or sweep the tile till 24 hours after placement. Thoroughly clean the tile by fresh water mixed with detergent. The shining floor and wall will be presented in front of you.

# Technical **Standards**

## **GLAZED PORCELAIN**

PROPERTIES	UNIT	ISO STANDARD REQUIREMENT			RESULT	
Size & Deviation	%	SIDE	The deviation of the average size of each tile from the work size	±0.5	-0.02- +0.03	
			The deviation of the average size for each tile from the work size of the 10 test speciments	±0.4	-0.01 - +0.0	
		Thickness ±5			-0.1 - +1.0	
Straighteness of sides	%		-0.03 - +0.00			
Rectangularity	%		±0.5			
Surface flatness	mm		Center curvature		-0.02 - +0.04	
		Warpage ±0			-0.02 - +0.0	
		Side curvature ±0.4			-0.08 - +0.0	
Surface quality	-	A min	Complied			
Water absorption	%	Average: E≤0.5			0.3%	
		Single piece:E≤0.6			0.3%	
Breaking Strength	Ν	When	When the thickness ≥7,5mm, the mean value shall not be less than 1300			
Anti-slip	R		4			
Resistance to household chemical reagent & swimmimg	-		No less than Class UB after test			
Resistance to low concentration acid or alkali	-		Report the result after test			
Stain resistance	-		Class GLA			
Certificate of static friction	-		Report the result after test  Dry		0.49	
					0.57	
Lead release Cadmium	mg/dm	Report the result after test			No release	
release	mg/L				No release	

## **UNGLAZED PORCELAIN**

PROPERTIES	UNIT		RESULT		
Size & Deviation	%	SIDE	The deviation of the average size of each tile from the work size	±0.5	-0.01- +0.02
			The deviation of the average size for each tile from the work size of the 10 test speciments	±0.4	-0.02 - +0.01
		Thickness ±5		-0.9 - +0.9	
Straighteness of sides	%		-0.04 - +0.05		
Rectangularity	mm	Length difference of opposite sides ≤2.0			0.5
		Length difference of diagonal lines ≤2.0			0.3
Surface flatness	mm	Upward warpage ≤2.0			0.3
		Downward warpage ≤2.0			0.3
Surface quality	-	A mini and	Complied		
	%	Average: E ≤0.5			0.06%
Water absorption		Single piece:E≤0.6			0.4%-0.08%
Breaking strength	Ν		2491		
Modulus of Rupture	MPA	Average: ≥35 Single piece: ≥32			59.8 40.7-84.1
Abrasion resistance	mm	Abrassion CBM ≤175			116
Glossiness	-	≥55		88-90	
Resistance to household chemical reagent & swimmimg pool alkali	-	No less than Class UB after test		Class UA	
Thermal shock resistance	-	Report the result after test			No crack
Resistance to low concentration acid or alkali	-	Report the result after test			Class ULA
Stain resistance	-	No less than Class 3 after test			Class 5
Coefficient of linear expansion		Report the result after test			7.1×10 <sup>-6</sup>
Moisture expansion (mm/m)		Report the result after test			<0.01
Shock recovery coefficient	-		0.83		
	-	Report the result offer test		Wet	0.53
Certificate of static friction			Report the result after test		0.59