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## STONE

GALAXY STONE LURAX BALET P.247 FANINA FREDIANA P.259 REFINED ORCHID ANDES P.263 GNEISS P.267 ARENA P.271 CARCA P.275





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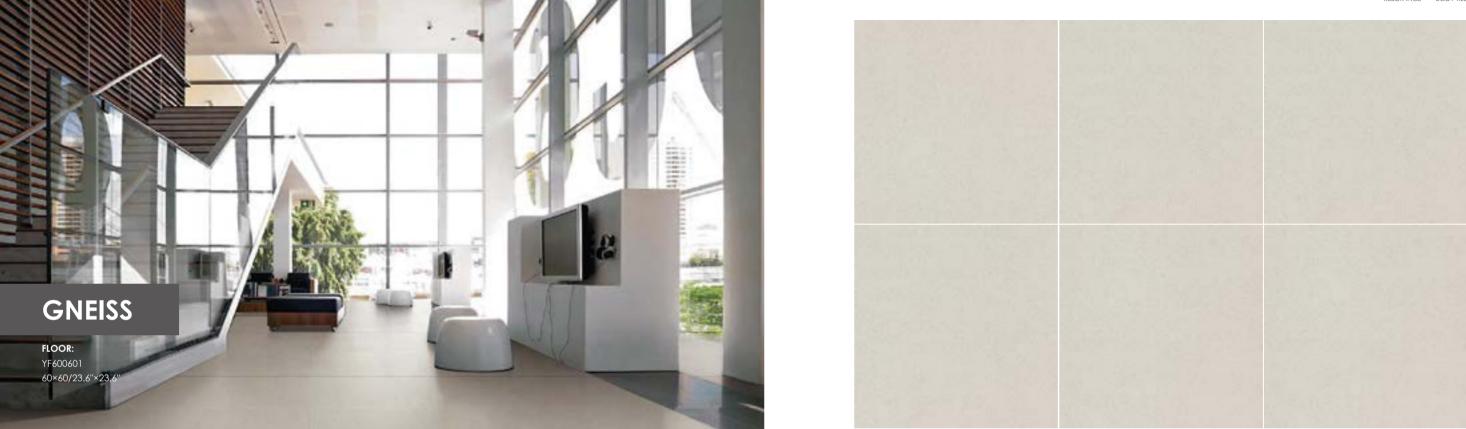




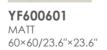














**YF600604**MATT
60×60/23.6"×23.6"



**YF600605**MATT
60×60/23.6"×23.6"



**YF600607**MATT
60×60/23.6"×23.6"

#### Description:

Originally from the Middle High German verb gneist, the word GNEISS means to spark and to glitter in the stone texture. GNEISS is chiefly characterized by its tiny and delicate spots. It presents a classical German style, which is a commercial product that highly applying to the residential and commercial spaces. Its trendy colors including Marfil, Olive, Grigio and Moka make it become an essential design element in residential and commercial spaces.

## **GNEISS**

FLOOR: YF600605 60×60/23.6"×23.6"



### 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



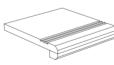
Bull-nose cut



Bull-nose cut



Bevel cut

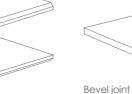


Bevel cut

#### **EDGES**





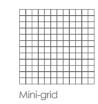






Bevel joint

#### **MADE TO MEASURE**

















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.

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# 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 - +0.0			
Rectangularity	%		±0.5			
Surface flatness	mm		Center curvature	±0.4	-0.02 - +0.0	
		Warpage			-0.02 - +0.0	
		Side curvature ±0.4			-0.08 - +0.0	
Surface quality	-	A mir	Complied			
Water absorption	%		Average: E≤0.5			
		Single piece:E≤0.6			0.3%	
Breaking Strength	N	When	When the thickness ≥7,5mm, the mean value shall not be less than 1300			
Anti-slip	R	9			4	
Resistance to household chemical reagent & swimming	-		No less than Class UB after test			
Resistance to low concentration acid or alkali	-		Report the result after test			
Stain resistance	-		No less than Class 3 after test			
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		
Water absorption	%	Average: E ≤0.5			0.06%
		Single piece:E≤0.6			0.4%-0.08%
Breaking strength	N		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			7.1x10 <sup>-6</sup>
Moisture expansion (mm/m)		Report the result after test			<0.01
Shock recovery coefficient	-		0.83		
Certificate of static friction	-			Wet	0.53
			Report the result after test		0.59

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