

# MARBLE+

AINOS	P.031
AIRSTON	P.035
ALPINE WHITE	P.037
BIANCO CARRARA	P.041
CAICOS	P.043
CALACATTA CLASSICAO	P.047
CASTLE GREY	P.051
CERVINO	P.053
FERNANDO	P.057
FLOR DI BOSCO	P.061
GREY EMPERADOR	P.063
KONA	P.065
LUNESSI	P.069
MIRO	P.071
PESCO GREY	P.075
PULPIS	P.077
ROSETTA	P.081
ROYAL BOTTICINO	P.085
TURKEY GREY	P.087
VENATO	P.089
VOLAKOS	P.093
GOLDEN CARRARA	P.095
DOGERA	P.097
TERIO	P.101
GOILA	P.105
TABRIA	P.107
LIMLLAS	P.111

90X180 35.4"×70.8" ± 9mm	90X90 35.4"×35.4" ± 11mm	80X80 31.5"×31.5" ± 11.5mm	60X120 47.2"×23.6" ± 11mm
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- Marble+
- Marble
- Cement
- Stone
- Textile
- Wood

# VOLAKOS

WALL: YG806800 80×80/31.5"×31.5"  
 FLOOR: YG806800 80×80/31.5"×31.5"



POLISHED  
HONED



80×80  
31.5"×31.5"  
± 11.5mm



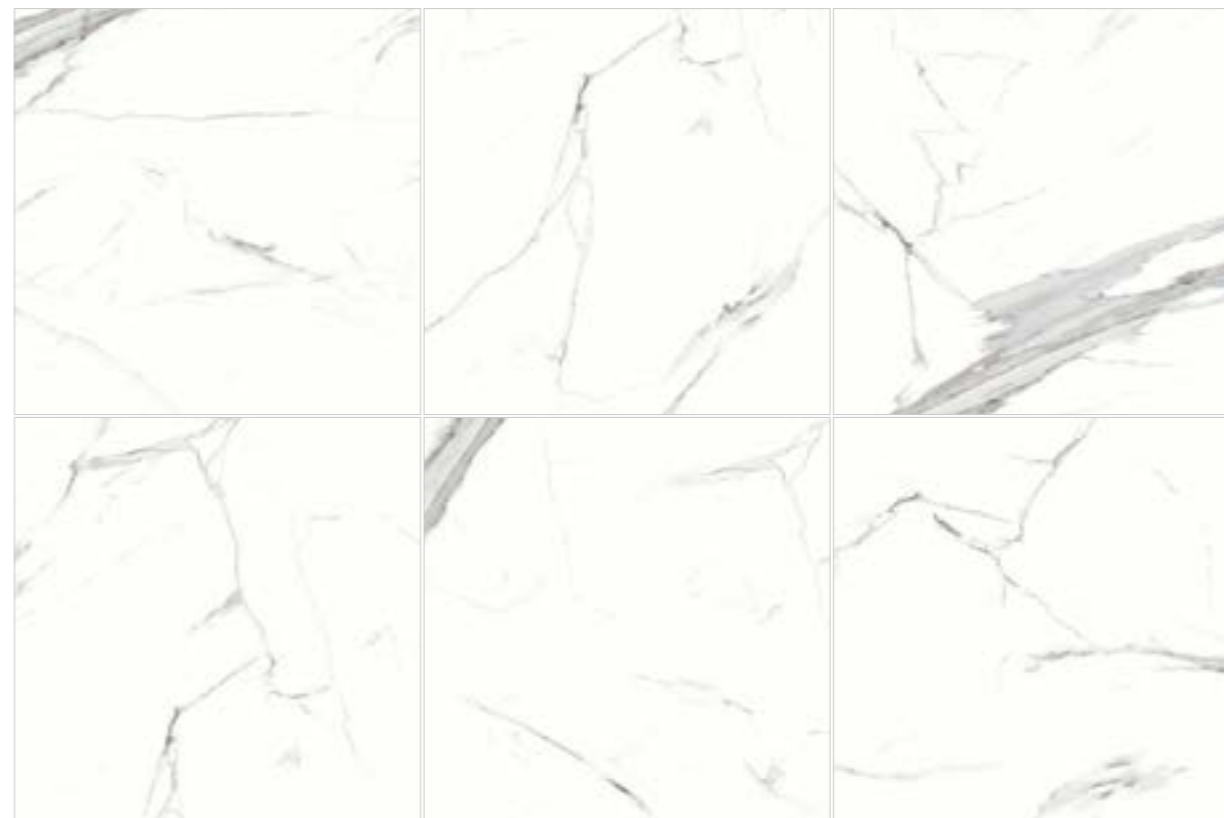
RECTIFIED



STAIN  
RESISTANCE

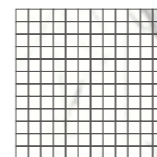


FULL  
BODY TILE



**YG806800**  
**YX806800** ★ BY ORDER  
 POLISHED/HONED  
 80×80/31.5"×31.5"

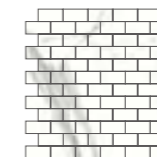
### Made To Measure



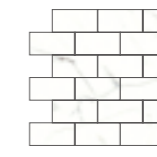
Mini-grid



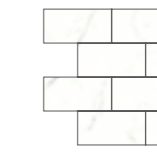
Checker board



Staggered brickwork



Staggered brickwork



Staggered brickwork

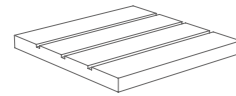
- Marble+
- Marble
- Cement
- Stone
- Textile
- Wood

# Technical Standards

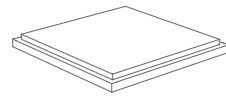
Tiles can be cut following the pattern or against the pattern. Special cuts outside this list can be provided under request.

## SPECIAL PIECES

### SLOT

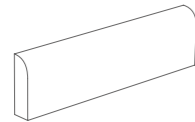


Longitudinal

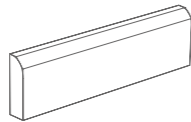


Square slot

### SKIRTING

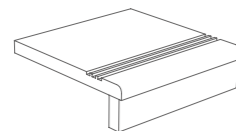


Bull-nose cut

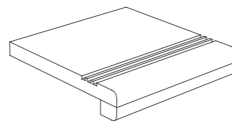


Bevel cut

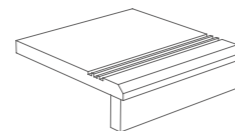
### STEPS Anti-slip surface



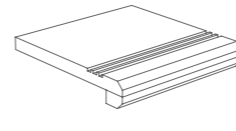
Bull-nose cut



Bull-nose cut

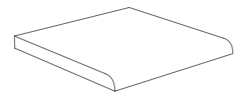


Bevel cut

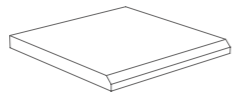


Bevel cut

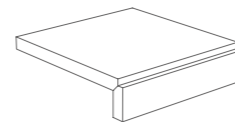
### EDGES



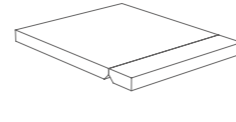
Bull-nose cut



Bevel cut

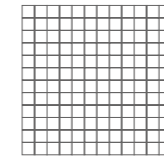


Bevel joint

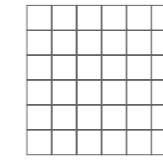


Bevel joint

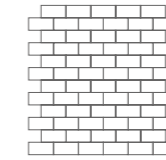
## MADE TO MEASURE



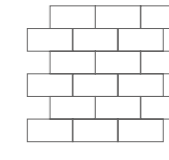
Mini-grid



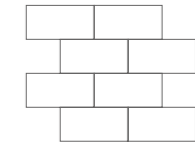
Checker board



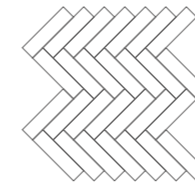
Staggered brickwork



Staggered brickwork



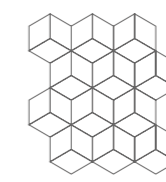
Staggered brickwork



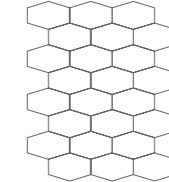
Herringbone



Hexagons



Diamond



Honeycomb

## PLACEMENT GUIDE

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).
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 tile.
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 1 cm 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 position.
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.

## 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 specimens	±0.4	-0.01 - +0.01
		Thickness		±5	-0.1 - +1.0
Straightness of sides	%	±0.2		-0.03 - +0.06	
Rectangularity	%	±0.5		-0.06 - +0.03	
Surface flatness	mm	Center curvature		±0.4	-0.02 - +0.04
		Warpage		±0.4	-0.02 - +0.05
		Side curvature		±0.4	-0.08 - +0.05
Surface quality	-	A minimum of 95% of the tiles shall be free from chip, crack speck and visible defects that would impair the appearance of major area of		Complied	
Water absorption	%	Average: E ≤0.5		0.3%	
		Single piece: E≤0.6		0.3%	
Breaking Strength	N	When the thickness ≥7,5mm, the mean value shall not be less than 1300		2183	
Anti-slip	R	9		4	
Resistance to household chemical reagent & swimming	-	No less than Class UB after test		Class GA	
Resistance to low concentration acid or alkali	-	Report the result after test		Class GA	
Stain resistance	-	No less than Class 3 after test		Class GLA	
Certificate of static friction	-	Report the result after test		Wet	0.49
				Dry	0.57
Lead release Cadmium release	mg/dm	Report the result after test		No release	
	mg/L			No release	

## UNGLAZED 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	-0.01- +0.02
			The deviation of the average size for each tile from the work size of the 10 test specimens	±0.4	-0.02 - +0.01
		Thickness		±5	-0.9 - +0.9
Straightness of sides	%	±0.2		-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 minimum of 95% of the tiles shall be free from chip, crack speck and visible defects that would impair the appearance of major area of tiles		Complied	
Water absorption	%	Average: E ≤0.5		0.06%	
		Single piece: E≤0.6		0.4%-0.08%	
Breaking strength	N	If thickness ≥7.5mm, N≥1300		2491	
Modulus of Rupture	MPA	Average: ≥35 Single piece: ≥32		59.8 40.7-84.1	
Abrasion resistance	mm	Abrasion CBM ≤175		116	
Glossiness	-	≥55		88-90	
Resistance to household chemical reagent & swimming 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	-	Report the result after test		0.83	
Certificate of static friction	-	Report the result after test		Wet	0.53
				Dry	0.59