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MACAEL

RECTIFIED PORCELAIN

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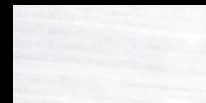
Blanco Natural & Polished



36" x 72"



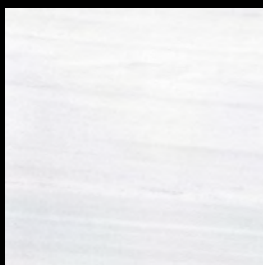
24" x 48"



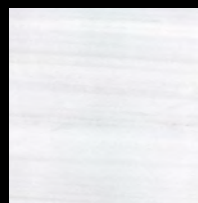
12" x 24"



48" x 48"



30" x 30"



24" x 24"



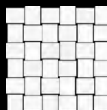
3" x 24" Bullnose



2" x 2" Mosaic
12" x 12" Sheet



Hexagon Mosaic
10" x 14" Sheet
Net Coverage:
0.80 sqft.



Basketweave Mosaic
12" x 12" Sheet



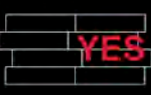
MACAEL				
	Technical Specifications	Reference Standard	Standard Requirements	Test Results
	Water Absorption	UNI EN ISO 10545-03	< 0.5 %	Meets requirements
	Breaking Strength	UNI EN ISO 10545-04	Minimum: 1300 N	>1300 N
	Modulus of Rupture	UNI EN ISO 10545-04	Minimum: 35 N/mm²	> 35 N/mm²
	Shock Resistance	UNI EN ISO 10545-05	Suggested Minimum: e > 0.55	> 0.55
	Resistance to Deep Abrasion	UNI EN ISO 10545-06	Maximum: 175 mm³	175 mm³
	Thermal Shock Resistance	UNI EN ISO 10545-09	Resistant	Meets requirements
	Frost Resistance	UNI EN ISO 10545-12	As Reported	Meets requirements
	Chemical Resistance	UNI EN ISO 10545-13	Domestic Chemical Products: UB / GB Acids and Alkalies: As Reported	GB GA
	Stain Resistance	UNI EN ISO 10545-14	Minimum: Class 3	Class 3
PEI	PEI Rating (Scratch Resistance)	ASTM C 1027	As Reported	IV
DCOF	Dynamic Coefficient of Friction (DCOF)	ANSI A137.1	For Level Interior Spaces Expected to be Walked Upon When Wet : > 0.42	Natural: >0.42 Polished:<0.42
V.2	Shade Variation	Not Available	As Reported	V.2
	Thickness	Not Available	As Reported	12x24 - 10mm 30x30 - 10.5mm 24x48 - 10.5mm
	Number of Screens	Not Available	As Reported	12x24 - 56 30x30 - 28 24x48 - 14

IMPORTANT
Please note that tiling in a 50% staggered configuration is not recommended. We suggest the following tiling configurations for these ceramic materials:

NO 50%



YES 15%



GROUT JOINT REQUIRED FOR RECTIFIED EDGE TILE
1/2" BROKEN JOINT NOT RECOMMENDED



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