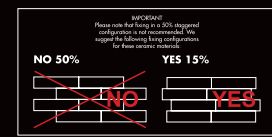
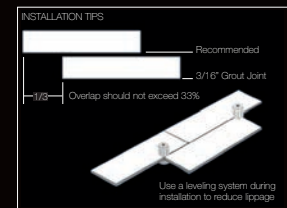




MACAUBAS				Test Results		
TECHNICAL CHARACTERISTICS	Reference Standard	Standard Requirements		NATURAL	POLISHED	ANTICATO
Water Absorption	UNI EN ISO 10545-03	<0,5%			E<0,1%	
Breaking strength	UNI EN ISO 10545-04	Minimum: 1300N			>1700	
Modulus of Rupture	UNI EN ISO 10545-4	Minimum: 35N/mm²			>40	
Resistance to abrasion of glazed tiles (PEI)	UNI EN ISO 10545-07	See manufacturer's declaration		Azul Classe 3 Oyster Classe 4 Pearl Classe 4 Twilight Classe 3	Azul Classe 3 Oyster Classe 4 Pearl Classe 4 Twilight Classe 3	Azul Classe 3 Oyster Classe 4 Pearl Classe 4 Twilight Classe 3
Thermal Linear Expansion	UNI EN ISO 10545-08	As Reported			7,5 x10 ⁻⁶ /°C	
Thermal Shocks Resistance	UNI EN ISO 10545-09	As Reported			Resistant	
Frost Resistance	UNI EN ISO 10545-12	As Reported			Resistant	
Chemical Resistance	UNI EN ISO 10545-13	Domestic Chemical Products/US/GB Acids and Alkalies: As Reported		GLA-GLB	GLB	GLA-GLB
Stain Resistance	UNI EN ISO 10545-14	Minimum: Class 3		CLASSE 4-5	CLASSE 4	CLASSE 4
Dynamic Coefficient of Friction (DCOF)	ANSI A137.1	For Level Interior Spaces Expected to be Walked Upon When Wet	: >0.42	WET: >0.42	-	WET: >0.42
Shade Variation	Not Available	As Reported			V2 Pearl / Oyster V3 Azul / Twilight	
Thickness	UNI EN ISO 10545-02	As Reported			±5%	
Number of Screens	Not Available	As Reported			60x120 (24"x48") 18 screens 30x60 (12"x24") 76 screens	



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



HAPPY FLOORS



MACAUBAS

Rectified Porcelain

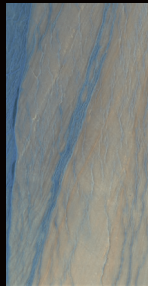


MACAUBAS

Rectified Porcelain

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

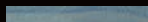
AZUL



24"x48" Natural
24"x48" Polished



12"x24" Natural
12"x24" Anticato
12"x24" Polished



3"x24" Bullnose Natural
3"x24" Bullnose Anticato
3"x24" Bullnose Polished



4"x12" Natural
4"x12" Anticato
4"x12" Polished



Hex Mosaic Natural
Hex Mosaic Anticato
Hex Mosaic Polished
(12"x14" Sheet)



2"x2" Mosaic Natural
2"x2" Mosaic Anticato
2"x2" Mosaic Polished
(12"x12" Sheet)

PEARL



24"x48" Natural
24"x48" Polished



12"x24" Natural
12"x24" Anticato
12"x24" Polished



3"x24" Bullnose Natural
3"x24" Bullnose Anticato
3"x24" Bullnose Polished



4"x12" Natural
4"x12" Anticato
4"x12" Polished



Hex Mosaic Natural
Hex Mosaic Anticato
Hex Mosaic Polished
(12"x14" Sheet)

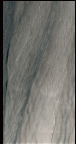


2"x2" Mosaic Natural
2"x2" Mosaic Anticato
2"x2" Mosaic Polished
(12"x12" Sheet)

TWILIGHT



24"x48" Natural
24"x48" Polished



12"x24" Natural
12"x24" Anticato
12"x24" Polished



3"x24" Bullnose Natural
3"x24" Bullnose Anticato
3"x24" Bullnose Polished



4"x12" Natural
4"x12" Anticato
4"x12" Polished



Hex Mosaic Natural
Hex Mosaic Anticato
Hex Mosaic Polished
(12"x14" Sheet)



2"x2" Mosaic Natural
2"x2" Mosaic Anticato
2"x2" Mosaic Polished
(12"x12" Sheet)

OYSTER



24"x48" Natural
24"x48" Polished



12"x24" Natural
12"x24" Anticato
12"x24" Polished



3"x24" Bullnose Natural
3"x24" Bullnose Anticato
3"x24" Bullnose Polished



4"x12" Natural
4"x12" Anticato
4"x12" Polished



Hex Mosaic Natural
Hex Mosaic Anticato
Hex Mosaic Polished
(12"x14" Sheet)



2"x2" Mosaic Natural
2"x2" Mosaic Anticato
2"x2" Mosaic Polished
(12"x12" Sheet)

DECORATIVE MOSAIC BLENDS



Rope Deco Mosaic
13"x14.5" Sheet
(Pearl Natural/Azul Polished)
Net Coverage: 0.9 Sqft



Basketweave Deco Mosaic
12"x12" Sheet
(Pearl Natural/Azul Polished)



Pinwheel Deco Mosaic
12"x12" Sheet
(Pearl Natural/Azul Polished)



Rope Deco Mosaic
13"x14.5" Sheet
(Oyster Natural/Twilight Polished)
Net Coverage: 0.9 Sqft



Basketweave Deco Mosaic
12"x12" Sheet
(Oyster Natural/Twilight Polished)



Pinwheel Deco Mosaic
12"x12" Sheet
(Oyster Natural/Twilight Polished)



TWILIGHT



AZUL



PEARL



OYSTER