

MATTIA

TECHNICAL DATA



11190 NW 25th Street, Suite 100
MIAMI, FL 33172
www.rocatileusa.com

Format:	12"X24" R 24"X48" R	Type:	Polished Porcelain
Colors:	All Colors Available	Thickness:	8.0 mm (12"x24" R) 6.5 mm (24"x48" R)
Number of faces:	24 (12"X24" R), 6 (24"x48" R)		

	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	C373	ISO.10545/3	≤0.5%	≤0.5%
BREAKING STRENGTH	C648	ISO.10545/4	≥ 275	≥ 275
SCRATCH HARDNESS	MOH's Scale	EN-101	-	-
CHEMICAL RESISTANCE	C650	ISO-10545/13	Unaffected	Unaffected
FROST RESISTANCE	C1026	ISO-10545/12	Resistant	Resistant
GROUP	SEE FAQS	SEE FAQS	-	4
DEEP ABRASION - UNGLAZED TILES	C1243	ISO-10545/6	<175mm ³	Pass
PEI - GLAZED TILES***	C1027	ISO-10545/7	-	III
MINIMUM BOND STRENGTH (PSI)	C482	-	≥50 psi	165
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	A137.1	-	≥0.42	≥0.25
SHADE AND TEXTURE RATING	CTDA "V"	-	-	V2
FACIAL DIMENSIONS	C499	ISO-10545/2	1.5% Max	Pass
RANGE OF THICKNESS	C499	ISO-10545/2	0.040 Max	Pass
WARPAGE	C485	ISO-10545/2	0.75%	Pass
WEDGING	C502	ISO-10545/2	1.0% Max	Pass

Signature:
Marketing and Product Department



Release Date
04 / 12 / 2023