

POLARIS

TECHNICAL DATA



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

Format:	12"x24" 24"x48" R	Type:	Glazed Porcelain
Colors:	White	Thickness:	8.5mm (12"x24") 10.8 mm (24"x48" R)
Number of faces:	33 (12"x24"), 9 (24"x48" R)	Recycled Content:	5% *Pre -Consumer

	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
CHEMICAL RESISTANCE	C650	ISO-10545/13	Unaffected	CLASS A(Resist) ¹
STAIN RESISTANCE	C1378	-	-	CLASS A
FROST RESISTANCE	C1026	ISO-10545/12	Resistant	Resistant
GROUP	SEE FAQS	SEE FAQS	-	4
PEI - GLAZED TILES***	C1027	ISO-10545/7	-	IV
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	A137.1	-	≥0.42	≥0.42
SHADE AND TEXTURE RATING	CTDA "V"	-	-	V3
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
12 / 14 / 2022