

AVALON

TECHNICAL DATA



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

Format:	All formats available	Type:	Glazed Porcelain		
Color:	All colors available	Thickness:	7.0 mm		
Graphic:	72 (12X24) 36 (24X24) 18 (24X48)	Recycled Content:	50% *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	≥ 350	≥350	
SCRATCH HARDNESS	MOH's Scale	EN-101	-	6	
CHEMICAL RESISTANCE	C650	ISO-10545/13	Unaffected	Unaffected	
FROST RESISTANCE	C1026	ISO-10545/12	Resistant	Resistant	
GROUP	SEE FAQS	SEE FAQS	-	4	
PEI - GLAZED TILES	C1027	ISO-10545/7	-	V	
MINIMUM BOND STRENGTH (PSI)	C482	-	≥50 psi	165	
DYNAMIC COEFFICIENT OF FRICTION (DCOF)	A137.1	-	≥0.42	≥0.50	
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	

*Contains a percentage of pre-consumer recycled content superior to 25% which has been certified by Bureau Veritas.

Signature:
Marketing and Product Department



Release Date
12/29/2023