

ESSENCE

TECHNICAL DATA

Format:	9"X35"	Type:	Glazed Porcelain
Colors:	All Colors Available	Thickness:	8.5 mm
Number of faces:	18		

	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
WATER ABSORPTION	C373	ISO.10545/3	≤0.5%	≤0.5%
BREAKING STRENGHT	C648	ISO.10545/4	≥ 275	≥ 275
SCRATCH HARDNESS	MOH's Scale	EN-101	-	5
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	<175mm3	Pass
PEI - GLAZED TILES***	C1027	ISO-10545/7	-	IV
MINIMUM BOND STRENGHT (PSI)	C482	-	≥50 psi	165
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