



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

**Model/ Series:** ORION UP  
**Size:** All Sizes  
**Colors:** All Colors Available  
**Type:** TECHNICAL PORCELAIN  
**Thickness:** 10 mm  
**Recycled Content:** - \*Pre-Consumer

**Technical Data**

	ASTM Test	ISO Test	Value Required ANSI	Declared ASTM
Water Absorption	C373	ISO-10545/3	<=0.5%	<=0.1%
Break Strength	C648	ISO-10545/4	>= 250	Min. 630
Scratch Hardness	MOH's Scale	EN-101	-	7
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	<175 mm <sup>3</sup>	Pass
PEI - Glazed Tiles***	C1027	ISO-10545/7	-	-
Minimum Bond Strength (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
Warping	C485	ISO-10545/2	0.75%	Pass
Wedging	C502	ISO-10545/2	1.0% Max	Pass

0

**Signature:**  
 Quality Management Manager



**Release Date** 5/27/2020