

<b>TECHNICAL SHEET</b>
<b>GRSPBRF MAD TB OLMO IIBCO19X118EXT1.32</b>

EVALUATED FEATURE	TEST METHOD	NORM ANSI A137.1 REQUIREMENTS (Table 8)	RESULTS	CONCLUSION
<b>DIMENSIONS</b>				
* Nominal Size, mm			(%)      (mm)	
Nominal length:      1180.0 mm	ASTM C499	- 3.00% / 2.00%	0.00      0.00	Comply
Manufacturing length:      1180.0 mm				
Nominal width:      190.0 mm				
Manufacturing width:      187.0 mm				
* Caliber Range				
Manufacturing length:      1180.0 mm	ASTM C499	± 0.25%; ± 0.80mm	-0.01      -0.10	Comply
Average length:      1179.9 mm				
Manufacturing width:      187.0 mm				
Average width:      187.2 mm				
* Warpage Edge, %				
Length	ASTM C485	± 0.40%; ± 1.30mm	0.09   0.00   1.08   0.00	Comply
Width			0.00   -0.10   0.00   -0.18	
* Warpage Diagonal, %	ASTM C485	± 0.40%; ± 1.80mm	0.14   0.00   1.65   0.00	Comply
* Wedging, %	ASTM C502	± 0.25%; ± 0.80mm	0.05   -0.03   0.63   -0.42	Comply
* Thickness, mm				
Manufacturing:      10.0 mm	ASTM C499	Max. 1.02 mm	-1.00      -0.10	Comply
Average result:      9.9 mm				
<b>PHYSICAL PROPERTIES</b>				
* Visible Abrasion Resistance	ASTM C1027	As reported	PEI III	-
* Water Absorption, %	ASTM C373	Semi-Vitreous (P3) 3.0% < wa ≤ 7.0%	3.60	Comply
* Craze Resistance	ASTM C424	Pass	Approved	Comply
* Breaking Strength, lbf	ASTM C648	Average ≥ 250 Individual ≥ 225	467 453	Comply Comply
* Dynamic coefficient of friction - DCOF Wet	ANSI A137.1 Section 9.6	≥ 0.42	0.59	Comply
<b>CHEMICAL PROPERTIES</b>				
* Chemical Resistance	ASTM C650	As reported	Resistant	Comply
* Stain Resistance	ASTM C1378	As reported	Resistant	Comply
<p>Requirements verified as indicated in AMERICAN STANDARD, ANSI A137.1.  AMERICAN NATIONAL STANDARD SPECIFICATIONS FOR CERAMIC TILE / Table 8: Pressed Floor Tile  The weight, the tone and the dimensions are subject to some of the typical unavoidable variations of the processes  of ceramic cooking.</p>				
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