









# TECHNICAL DATA

<b>MANUFACTURER</b>	BELITE CERAMICS CO.,LTD.
<b>PRODUCT NAME SIZE AND MODEL</b>	<b>RAINBOW</b> Porcelain tiles - 100 x 402 x 8mm
<b>TEST RESULTS</b>	The tested items comply with the requirements of the ASTM standard

ITEMS TESTED		REQUIRED STANDARD	RESULTS
Length		$1\pm 0.5\%$ (MAX $\pm 2.0$ )	$402 \pm 0.75$
Width		$1\pm 0.5\%$ (MAX $\pm 2.0$ )	$100 \pm 0.5$
Thickness		$1\pm 10\%$ (MAX $\pm 0.5$ )	$8 \pm 0.5$
Edge Warpage		+0.5%, -0.3%	<b>CONFORM</b>
Diagonal warpage		+0.5% / -0.3%	<b>CONFORM</b>
Wedging		$\pm 0.25\%$	<b>CONFORM</b>
Water Absorption		$7.0\% < WA < 20.0\%$	15%-16%
Breaking Strength		$\geq 600$	$\geq 800$
Visible Abrasion Resistance		—	Class IV
Crazing Resistance		$10^{-6}/^{\circ}\text{C}$	<b>CONFORM</b>
Thermal Shock Resistance		—	<b>CONFORM</b>