









# TECHNICAL DATA

<b>MANUFACTURER</b>	FOSHAN SHIWAN YULONG CERAMIC CO., LTD		
<b>PRODUCT NAME MODEL AND SIZE TRADEMARK / GRADE</b>	<b>PLAIN / TECHNO</b> Matte Porcelain mosaic 23 x 76 mm x 6mm	Production date	April 4, 2015
		Finish date	April 15, 2015
<b>SAMPLE QUANTITY</b>	5 boxes / 100 pieces		
<b>TEST BASE</b>	GB/T4100-2006 (Addendum G) Dry-pressed ceramic tiles (Water absorption 0.5%)		
<b>RESULTS</b>	Meets the requirements for high quality products (grade A) of the GB/ T4100-2006 (Addendum G) standard after testing, this test is in accordance with		

ITEMS TESTED		TECHNICAL PREREQUISITES	RESULTS
Length		$\pm 1.2 \%$	-0.15% - 0.18%
Width		$\pm 1.2 \%$	-0.12% - 0.10%
Straightness		$\pm 0.75\%$	-0.11% - 0.18%
Rectangular		$\pm 1.0 \%$	-0.13% - 0.15%
Flat surface appearance		central curve $\pm 0.70$	-0.06% - 0.23%
		warpage $\pm 0.70$	-0.10% - 0.18%
	curve extremities $\pm 0.70$	-0.08% - 0.19%	
Surface quality		More than 95%, no visible defect is found on the surface at a distance of 0.8 m	<b>CONFORM</b>

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ITEMS TESTED		TECHNICAL PREREQUISITES	RESULTS
Water absorption		average $\leq 0.5\%$	0.32%
		unit value $\leq 0.6\%$	0.28% ~ 0.34%
Resistance to bending		average value $\leq 700$ when the thickness $< 7,5$ mm	723
Breaking strength		average value $\leq 35\%$	43
		unit value $\leq 0.6\%$	41.6% ~ 44%
Resistance to thermal shock		No cracks appear after 10 thermal tests	<b>CONFORM</b>
Crack resistance		No cracks appear after crack resistance tests	<b>CONFORM</b>
Resistance to chemicals		No less than the UB grade after testing	UA
Resistance to pollution		No less than grade 3 after pollution resistance tests	Grade 5
Resistance to acids		Sorting after applying 3% HCL solution for 4 days	Grade GLA
Alkali resistance		Sorting after placing in 30g/L of KOH solution for 4 days	Grade GLA