











# TECHNICAL DATA

<b>MANUFACTURER</b>	FOSHAN SHIWAN YULONG CERAMIC CO., LTD		
<b>PRODUCT NAME MODEL AND SIZE TRADEMARK / GRADE</b>	<b>BASIC HEXAGON</b> Porcelain mosaic 30mm x 30mm x 5mm	Sampling date	29 mars 2014
<b>CONFIDENT DEPARTMENT ADDRESS</b>		Sample quantity	3 cartons
<b>TEST BASIS</b>	GB/T4100-2006 (Addendum G) Dry-pressed ceramic tiles (Water absorption $\leq$ 0.5%)		
<b>RESULTS</b>	Meets the requirements for high quality products (grade A) of GB/ T4100-2006 (Addendum G) after the test, this test is in accordance with		

TESTED ITEMS		TECHNICAL PREREQUISITES	RESULTS
Length		$\pm 1.2 \%$	-0.02% - 0.09%
Width		$\pm 1.2 \%$	-0.02% - 0.09%
Straightness		$\pm 0.70\%$	-0.13% - 0.32%
Rectangularity		$\pm 0.70\%$	-0.17% - 0.28%
Flat surface appearance		Central curve $\pm 0.70$	-0.32% - 0.16%
		Deformation $\pm 0.70$	-0.18% - 0.32%
		Curved extremities $\pm 0.70$	-0.22% - 0.28%

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TESTED ITEMS		TECHNICAL PREREQUISITES	RESULTS
Surface quality		More than 95%, no visible defects are visible. found on the surface at a distance of 0.8 m	<b>CONFORM</b>
Water absorption		Average $\leq 0.5\%$	0.34%
		Unit value $\leq 0.6\%$	0.32% - 0.36%
Résistance à la flexion		Average value $\leq 700$ when the thickness $< 7,5$ mm	715
Breaking strength		Average value $\leq 35\%$	40.2Mpa
		Unit value $\leq 0.6\%$	36.4% - 48.1%
Resistance to thermal shock		No cracks appear after 10 thermal tests	<b>CONFORM</b>
Resistance to cracking		No cracks appear after tests	<b>CONFORM</b>
Chemical resistance		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 KOH solution for 4 days	Grade GLA