

# TECHNICAL DATA

<b>MANUFACTURER</b>	FOSHAN B&W CERAMICS CO., LTD
<b>PRODUCT NAME MODEL AND SIZE</b>	<b>MIKI WHITE POLISHED – ZB001U</b> WHITE / 600 x 600 x 9.4mm / 4 pieces
<b>MARK/GRADE</b>	Superior grade
<b>CONDITION OF ENVIRONMENT</b>	Ambient temperature: 20°C, ~25°C Relative humidity : 50% ~ 60%
<b>INSPECTING BASIS</b>	Q/GZS 1-2016 “Dry-pressed ceramic tiles”
<b>INSPECTION CONCLUSION</b>	The items meet the technical requirement of Q/GZS 1-2016 “Dry-pressed ceramic tiles” (appendix A, superior grade) inspection conclusions as qualified

ITEMS TESTED		TECHNICAL PREREQUISITES	RESULTS
Size and difference		Lenght The deviation of the average size of each tile from the size of the structure.	±1.0 -0.2~+0.4%
Thickness		±0.5 %	+1.8~ +2.6 %
		±0.5 mm	+0.2mm
Straightness of sides		±0.3 %	-0~ +0.02 %
		±0.8 mm	-0~ +-0.1mm
Rectangularity		±0.3 %	-0.02~ +0.02 %
		< 0.8 mm	-0.1~ +-0.1mm
Centre curvature		±0.4 %	-0.04~ +0.03 %
		< 1.8 mm	-0.3~ +-0.2mm
Edge curvature		±0.4 %	-0.02~ +0.06 %
		< 1.8 mm	-0.1~ +-0.4mm
Warpage		±0.4 %	-0.08~ +0.05 %
		< 1.8 mm	-0.7~ +-0.4mm
Surface quality		A minimum of 95% area of the tile shall be free from visible defects that would impair the appearance of a major area of tiles, when observed from a distance of 0.8m.	<b>CONFORM</b>
Water absorption		Minimum average of < 0.5%	0.04%
		Individual minimum of < 0.6%	-0.03~ +0.06 %
Breaking strength		When the thickness > 7.5mm, the average value shall not be less than 1300 N	2442
Modulus of rupture		Minimum average of 35	47.4
		Individual minimum of 32	45.1 ~ 49.0
Abrasive resistance		Report abrasion class	Class 4
		Report cycle class	2100

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ITEMS TESTED		TECHNICAL PREREQUISITES	RESULTS	
Crazing resistance		Required	Full resistance	
Frost Resistance		No cracks or peeling after the freeze test	Conform	
Resistance to stain		Minimum class 3	Class 5	
Resistance to chemicals		Minimum class B	Class A	
Resistance to swimming pool additives		Minimum class B	Class A	
Resistance to thermal variations		Report the test result after the test	No cracks	
Resistance to low concentrates of acids and alkalis		Class ratio after being immersed in 3% hydrochloric acid for 12 days	LB	
Resistance to high concentrates of acids and alkalis		Class report after diving in 30g/lbs of potassium hydroxide for 12 days	HB	
Coefficient of static friction		Report the value after the test	Dry	0.62
			Wet	0.41
Dynamic coefficient of friction		ANSI A326.3-2017	Wet DCOF Value 0.13	
Hardness Mohs		Report the test result after the test	3	
Slip resistance		DIN 51130:2014	Corrected mean overall acceptance angle <math>< 5.0^\circ</math>	
Slip resistance, Wet pendulum test method, Slider 96		AS 4586-2013/Amdt I-2017 Appendix A	SRV: 7 Class: P0	