

# TEST REPORT

REPORT NO. : 25201400095RR

SAMPLES: GLAZED TILES

APPLICANT: FOSHAN EASTERN ROAD TRADING CO., LTD

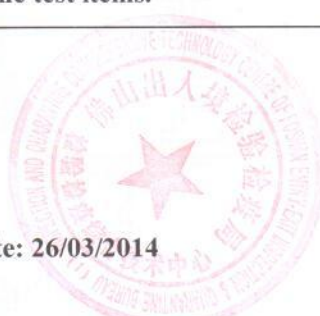
DATE OF TEST: 06/01/2014 – 16/01/2014(dd/mm/yy)

STATE KEY TESTING LABORATORY OF BUILDING CERAMICS AND SANITARY WARE  
INSPECTION AND QUARANTINE COMPREHENSIVE TECHNOLOGY CENTRE OF  
FOSHAN ENTRY-EXIT INSPECTION & QUARANTINE BUREAU

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Name of sample	GLAZED TILES	Nominal size	60cm × 60cm
Nature of the surface	Glazed (GL)	Work size	600mm × 600mm × 10.8mm
Group	B <sub>IIa</sub>	Description of Samples	The samples are sound, intact and fit for test.
Mark of samples	/	Quantity of samples	30 Pieces
Applicant	FOSHAN EASTERN ROAD TRADING CO., LTD	Address of applicant	33 ROAD ZUMIAO BAIHUA PLAZA 2503, 2505 FOSHAN CHINA
Telephone of applicant	86-757-83357062	Fax of applicant	86-757-83357063
Source of Samples	Samples selected by applicant	Received on	06/01/2014
Test Standard	Iraqi Standard No. 1704/6/1997 <i>Ceramic floor and wall tiles – Specification for dust – pressed ceramic tiles with a water absorption 3 % &lt;E≤6 % Group B<sub>IIa</sub></i>		
Conclusion of Test	The results conform to the requirement of Iraqi Standard No. 1704/6/1997 with respect to the test items.		
Stamp of Test Unit	 Date: 26/03/2014	Address of Test Unit	Address : 2/F, Building 18, Lanshi International Metal Exchange Center, Kuiqiyi Road, Chancheng District, Foshan, Guangdong, China (528000) Tel: 86-757-83960558 86-757-83827991 Fax: 86-757-83827971 E-mail: fsiqtc@163.com Url: http://www.fsiqtc.com/
Notes	<p>1. All inspections are carried out conscientiously to the best of our knowledge and ability. This report does not in any respect absolve the other related parties from his contractual and legal obligations.</p> <p>2. This report shall not be reproduced, except in full, without the prior written approval from the issuing laboratory.</p> <p>3. The results in this report apply to the samples only.</p> <p>4. This report supersedes report No. 25201400095, 25201400095R</p>		
Possible test case verdicts	<p>1. P(ass) : test item does meet the requirement.</p> <p>2. N/A : test case does not apply to the test item.</p> <p>3. F(ail) : test item does not meet the requirement.</p> <p>4. —: verdict/test was not carried out.</p>		

Tested by  Inspected by  Approved by 

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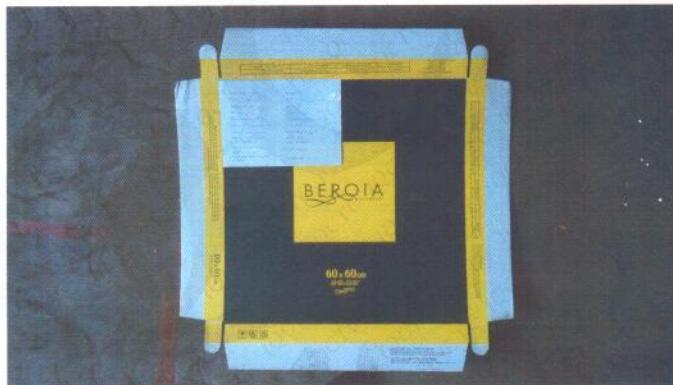
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**Labeling**

Brand Name : اسم الماركة	BEROLA بيريولا
Manufacturer : المصنع	FOSHAN EASTERN ROAD
Model Number : رقم الموديل	EB6525
Country of Origin : بلد المنشأ	MADE IN CHINA صنع في الصين
Quality Standard : بوشان ايسترن رود	1704/6
Group : نوع الفرز	Bin
Nominal Size : نوع البلاط	600×600MM
Work Size : القياس	600×600×10.8MM
Intended for use of the tiles : استخدام البلاط	FLOOR TILE ارضيات بلاط
Nature of Surface : نوع البلاط	GLAZED POLISHED ملمع زجاجي
Number of tiles per package : البلاطات عدد الصندوق في	4 PCS
Square meter per package : في مربع متر الصندوق	1.44 M <sup>2</sup>
Designation and Type in Arabic : بلاط ارضيات	FLOOR TILE ارضيات بلاط

**Photo of Samples**



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Iraqi Standard No. 1704/6/1997 <i>Ceramic floor and wall tiles – Specification for dust – pressed ceramic tiles with a water absorption <math>3\% &lt; E \leq 6\%</math> Group B<sub>IIa</sub></i>					
Clause	Properties	Test Method	Requirements	Results	Verdicts
1	<b>Dimensions and surface quality</b>				
1.1	<b>Length and Width</b>				
	The deviation, of the average size for each tile (2 or 4 sides) from the work size	Iraqi Standard No. 256/1	±0.6%	+0.04% ~ +0.05%	P
	The deviation of the average size for each tile (2 or 4 sides) from the average size of the 10 test specimens (20 or 40 sides)	Iraqi Standard No. 256/1	±0.5%	-0.01% ~ +0.01%	P
1.2	<b>Thickness</b> The deviation of the average thickness of each tile from the work size thickness	Iraqi Standard No. 256/1	±5%	-0.79% ~ +0.58%	P
1.3	<b>Straightness of sides</b> The maximum deviation from straightness related to the corresponding work sizes	Iraqi Standard No. 256/1	±0.5%	+0.01% ~ +0.03%	P
1.4	<b>Rectangularity</b> The maximum deviation from Rectangularity related to the corresponding work sizes	Iraqi Standard No. 256/1	±0.6%	-0.10% ~ +0.10%	P
1.5	<b>Surface flatness:</b> The maximum deviation from flatness				
	a) centre curvature, related to diagonal calculated from the work size;	Iraqi Standard No. 256/1	±0.5%	+0.01% ~ +0.03%	P
	b) edge curvature, related to the corresponding work sizes;	Iraqi Standard No. 256/1	±0.5%	-0.06% ~ +0.06%	P
	c) warpage, related to diagonal calculated from the work size.	Iraqi Standard No. 256/1	±0.5%	-0.07% ~ -0.06%	P
1.6	<b>Surface quality</b>	Iraqi Standard No. 256/1	A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles.	100%	P
2	<b>Physical properties</b>				
2.1	<b>Water absorption</b> Percent mass fraction	Iraqi Standard No. 256/8	Average: $3\% < E \leq 6\%$	4.1%	P
			Individual $\leq 6.6\%$	3.8% ~ 4.4%	P
2.2	<b>Modulus of rupture, in N/mm<sup>2</sup></b>	Iraqi Standard No. 256/2	Average $\geq 22$	40.4	P
2.3	<b>Scratch hardness of surface</b> (Mohs scale)	Iraqi Standard No. 256/7	min. 5	5	P



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Iraqi Standard No. 1704/6/1997 <i>Ceramic floor and wall tiles – Specification for dust – pressed ceramic tiles with a water absorption <math>3\% &lt; E \leq 6\%</math> Group B<sub>IIa</sub></i>					
Clause	Properties	Test Method	Requirements	Results	Verdicts
2	<b>Physical properties</b>				
2.5	<b>Coefficient of linear thermal expansion:</b> from ambient temperature to 100°C	Iraqi Standard No. 256/9	max. $9 \times 10^{-6} \text{C}^{-1}$	$6.2 \times 10^{-6} \text{C}^{-1}$	P
2.6	<b>Thermal shock resistance</b>	Iraqi Standard No. 256/4	No defects or visible changes shall appear when examined with the naked eye or with the help of eyeglasses in case they are used	Fully resistance	P
2.7	<b>Crazing resistance:</b> glazed tiles	Iraqi Standard No. 256/5	No crazing	Fully resistance	P
3	<b>Chemical properties</b>				
3.1	<b>Resistance to staining:</b> glazed tiles	Iraqi Standard No. 256/6	min. 2	Class 1	P
3.2	<b>Resistance to household chemicals and swimming-pool water cleansers</b> (except to cleansing agents containing hydrofluoric acid and its compounds)	Iraqi Standard No. 256/6	min. B	Class A	P
5	<b>Labeling</b> Tiles or tile containers shall be clearly and indelibly labeled with the following:	Iraqi Standard No. 1704/6	Name and trademark, if any, of the manufacturer	FOSHAN EASTERN ROAD TRADING CO., LTD	P
			Group	B <sub>IIa</sub>	P
			Nominal sizes	60cm × 60cm	P
			Work sizes	600mm × 600mm × 10.8mm	P
			Nature of the surface (glazed or unglazed)	GL	P
			Number of tiles per container and their equivalent in square meters	4 tiles 1.44m <sup>2</sup>	P
			Intended use	FLOOR TILES	P
			Country of origin	MADE IN CHINA	P

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**End of Test Report**