




中国认可
国际互认
检测
TEST No.: G18-WT5907E
CNAS L1401

National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture Test Report

Form No.: QR-CX049-01A/Ed.10.0

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| | | | |
|---|--|--|----------------------------------|
| Product Name, Model and Dimension Trademark/Grade | Glazed Ceramic Tiles 600mm×1200mm×10mm | Production Date, Production Batch | -----/----- |
| | | Sample Number | ----- |
| Client | | Test Classification | Entrusted Test |
| Client Address | | Sample Quantity / Method of Sample Receipt | 18 PCS/ Provided by client |
| Manufacturer (As the Applicant Claimed) | | Receival Date | 2018-06-27 |
| Manufacturer Address (As the Applicant Claimed) | | Sample Receiver | Li Dongping |
| Sample's State and Characteristic | Normal | Test Date | 2018-06-28 ~ 2018-08-06 |
| Test Basis | <i>GB/T4100-2015 (Annex G) Ceramic Tiles Annex G Dry-pressed ceramic tiles with Low water absorption $E \leq 0.5\%$ Group BIa; GB 6566-2010 Limit of radionuclides in building materials</i> | | |
| Test Result | <p>Except the test items No.14 is not verdict, the test results comply with the requirement of the standard GB/T 4100-2015 Annex G and the type A requirement for the decorative materials of the standard GB 6566-2010.</p> <p style="text-align: center;">  检验专用章 2018-08-06 </p> <p style="text-align: center;">Any copy of test report is invalid without official test seal</p> | | |
| Remarks | The test report is only responsible for the sample. | | |

Approved by: 王卓混

Checked by: 曹 阳

Tested by: 李 勃





国家陶瓷及水暖卫浴产品质量监督检验中心



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(2015)国认监认字(404)号



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国际互认
检测
TESTING
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National Center of Supervision and Inspection for Ceramic Sanitary and Plumbing Fixture Test Report

No.: G18-WT5907E

Form No.: QR-CX049-02A/Ed.10.0

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| No. | Test Items | Unit | Technical Requirements | | Test Results | Verdict | |
|-----|---|---|---|---|-------------------|-------------|------|
| 1 | Size and difference | % | Length | The deviation, of the average size for each tile from the work size | ±0.6 | -0.02~+0.03 | Pass |
| | | mm | | Maximum ±2.0 | -0.2~+0.4 | | |
| | | % | Width | The deviation, of the average size for each tile from the work size | ±0.6 | -0.03~+0.07 | |
| | | mm | | Maximum ±2.0 | -0.2~+0.4 | | |
| | | mm | Thickness | Worksize ≤ 13.5 | | 10.0 | |
| | | % | | The deviation, of the average size for each tile from the work size | ±5.0 | -2.0~0 | |
| mm | Maximum ±0.5 | -0.2~0 | | | | | |
| 2 | Straightness of sides | % | ±0.5 | | -0.03~+0.04 | Pass | |
| | | mm | Maximum ±1.5 | | -0.18~+0.29 | | |
| 3 | Rectangularity | % | ±0.5 | | -0.03~+0.04 | Pass | |
| | | mm | Maximum ±2.0 | | -0.16~+0.27 | | |
| 4 | Surface flatness | mm | Convexity | ≤ 2.0 | 0.4 | Pass | |
| | | | Concave | ≤ 2.0 | 0.3 | | |
| 5 | Surface quality | — | A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles. | | Conformed | Pass | |
| 6 | Water absorption | % | Average maximum 0.5 Individual maximum 0.6 | | 0.07 0.04~0.11 | Pass | |
| 7 | Breaking strength | N | When the thickness ≥ 7.5mm, the mean value shall not be less than 1300 | | 2513 | Pass | |
| 8 | Modulus of rupture | MPa | Average minimum 35 Individual minimum 32 | | 48 45~49 | Pass | |
| 9 | Crazing resistance | — | No crazing or peeling on the glazed surface after the crazing test. | | Conformed | Pass | |
| 10 | Frost resistance | — | No crack or peeling after the frost test | | Conformed | Pass | |
| 11 | Resistance to staining | — | Minimum class 3 | | Class 5 | Pass | |
| 12 | Resistance to household chemicals & swimming pool salts | — | Minimum GB | | Class GA | Pass | |
| 13 | Static coefficient of friction | — | ≥ 0.50 | | Dry 0.59~0.60 | Pass | |
| 14 | Mohs' hardness | — | According to JC/T 872-2000 | | 5 | — | |
| 15 | Internal exposure index I_{Ra} | — | Decorative materials Type A: $I_{Ra} \leq 1.0$ | | 0.6 | Type A | |
| | | | Decorative materials Type B: $I_{Ra} \leq 1.3$ | | | | |
| | External exposure index I_r | — | Decorative materials Type A: $I_r \leq 1.3$ | | 0.8 | | |
| | | | Decorative materials Type B: $I_r \leq 1.9$ | | | | |
| | | Decorative materials Type C: $I_r \leq 2.8$ | | | | | |

(The End)