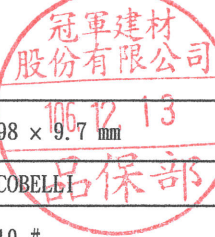


CHAMPION BUILDING MATERIALS CO., LTD.

Outgoing Inspection Report



NO:Q171105101

| Product | Dry Pressed Ceramic Tile Eb≤0.5% Group BIa | | | Product Size | 598 × 598 × 9.7 mm | |
|---------------------|--|-------------------|--|--|------------------------|-------------|
| Product Code | HD6F116 | | | Trade Mark | MARCOBELLI | |
| Lot | 82204517 | | | Production Line | 10 # | |
| Quantity | 7628 Pcs | | | Grade | A | |
| Inspection Standard | EN 14411:2012(E) | | | Inspection Date | 2017.11.5 ~ 2017.11.6 | |
| No. | Properties | Unit | Requirement | Champion | Result | Determinate |
| 1 | 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 | A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles | No visible defects | Pass |
| 2 | Length | mm | ±2.0 | ±0.4 | MAX:598.2 MIN:597.8 | Pass |
| 3 | Width | mm | ±2.0 | ±0.4 | MAX:598.2 MIN:597.8 | Pass |
| 4 | Thickness | mm | ±0.5 | ±0.4 | MAX:9.8 MIN:9.4 | Pass |
| 5 | Straightness of sides | mm | ±1.5 | ±0.4 | 0.1 ~ 0.3 | Pass |
| 6 | Rectangularity | mm | ±2.0 | ±0.6 | 0.2 ~ 0.5 | Pass |
| 7 | Centre Curvature | mm | ±2.0 | +0.8 ~ -0.4 | +0.26 ~ +0.58 | Pass |
| 8 | Edge Curvature | mm | ±2.0 | +0.8 ~ -0.4 | +0.07 ~ +0.50 | Pass |
| 9 | Warpage | mm | ±2.0 | ±1.0 | +0.28 ~ +0.64 | Pass |
| 10 | Diagonal dimension | mm | / | 1.0 ↓ | 0.2 ~ 0.5 | Pass |
| 11 | Water Absorption | % | 0.5 ↓ | 0.5 ↓ | 0.07 ~ 0.13 | Pass |
| 12 | Breaking Strength | N | 1300 ↑ | 2200 ↑ | 4209 ~ 4414 | Pass |
| 13 | Modulus of rupture | N/mm ² | ≥35 | 38 ↑ | 59.3 ~ 73.3 | Pass |
| 14 | Abrasion Resistance | / | Report abrasion class and cycles passed | 3 Class (750 cycles) | 3 Class (1500 cycles) | Pass |
| 15 | Slipperiness | / | Reference for inspection:AS4586-2013 | / | SRV:27(P2) | — |
| 16 | Slipperiness | / | Reference for inspection:DIN 51130 | / | 11.9(R10) | — |
| 17 | Mohs Hardness | / | EN 101 | / | 6 | — |
| 18 | Thermal Shock Resistance | / | Report the result of test | No cracking or crazing | No crack and crazing | Pass |
| 19 | Crazing Resistance | / | No crack, crazing or peeling on glazed surface after test | No crack, crazing or peeling on glazed surface after test | No crack and crazing | Pass |
| 20 | Resistance to Staining | / | Minimum Class 3 | Minimum Class 4 | 5 | Pass |
| 21 | Resistance to Chemicals | / | Minimum GB | Minimum GLA | GLA | Pass |
| Determinate | Pass | | | | | |
| Remark | | | | | | |

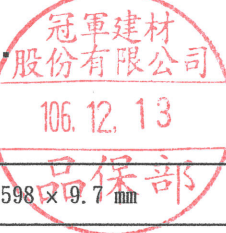
E0-09-11, REV.01

Supervisor:QC CHENG-SHEN FAN

Inspector: QC WEN-ZHANG XU

CHAMPION BUILDING MATERIALS CO., LTD.

Outgoing Inspection Report



NO:Q171105101

| Product | Dry Pressed Ceramic Tile Eb≤0.5% Group BIa | | | Product Size | 598 × 598 × 9.7 mm | |
|---------------------|--|-------------------|--|--|--|-------------|
| Product Code | HD6F117 | | | Trade Mark | MARCOBELLI | |
| Lot | 82204517 | | | Production Line | 10 # | |
| Quantity | 7264 Pcs | | | Grade | A | |
| Inspection Standard | EN 14411:2012(E) | | | Inspection Date | 2017.11.5 ~ 2017.11.6 | |
| No. | Properties | Unit | Requirement | Champion | Result | Determinate |
| 1 | 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 | A minimum of 95% of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles | No visible defects | Pass |
| 2 | Length | mm | ±2 · 0 | ±0 · 4 | MAX:598.2 MIN:597.8 X:598.0 R:0.4 | Pass |
| 3 | Width | mm | ±2 · 0 | ±0 · 4 | MAX:598.2 MIN:597.8 X:598.0 R:0.4 | Pass |
| 4 | Thickness | mm | ±0 · 5 | ±0 · 4 | MAX:9.8 MIN:9.4 X:9.6 R:0.4 | Pass |
| 5 | Straightness of sides | mm | ±1 · 5 | ±0 · 4 | 0.1 ~ 0.3 | Pass |
| 6 | Rectangularity | mm | ±2 · 0 | ±0 · 6 | 0.2 ~ 0.5 | Pass |
| 7 | Centre Curvature | mm | ±2 · 0 | + 0 · 8 ~ - 0 · 4 | +0.32 ~ +0.64 | Pass |
| 8 | Edge Curvature | mm | ±2 · 0 | + 0 · 8 ~ - 0 · 4 | +0.011 ~ +0.51 | Pass |
| 9 | Warpage | mm | ±2 · 0 | ±1 · 0 | +0.26 ~ +0.60 | Pass |
| 10 | Diagonal dimension | mm | / | 1 · 0 ↓ | 0.2 ~ 0.5 | Pass |
| 11 | Water Absorption | % | 0 · 5 ↓ | 0 · 5 ↓ | 0.07 ~ 0.14 | Pass |
| 12 | Breaking Strength | N | 1300 ↑ | 2200 ↑ | 4179 ~ 4288 | Pass |
| 13 | Modulus of rupture | N/mm ² | ≥ 35 | 38 ↑ | 69.9 ~ 68.3 | Pass |
| 14 | Abrasion Resistance | / | Report abrasion class and cycles passed | 3 Class (750 cycles) | 3 Class (1500 cycles) | Pass |
| 15 | Slipperiness | / | Reference for inspection:AS4586-2013 | / | SRV:27(P2) | — |
| 16 | Slipperiness | / | Reference for inspection:DIN 51130 | / | 11.9(R10) | — |
| 17 | Mohs Hardness | / | EN 101 | / | 6 | — |
| 18 | Thermal Shock Resistance | / | Report the result of test | No cracking or crazing | No crack and crazing | Pass |
| 19 | Crazing Resistance | / | No crack, crazing or peeling on glazed surface after test | No crack, crazing or peeling on glazed surface after test | No crack and crazing | Pass |
| 20 | Resistance to Staining | / | Minimum Class 3 | Minimum Class 4 | 5 | Pass |
| 21 | Resistance to Chemicals | / | Minimum GB | Minimum GLA | GLA | Pass |
| Determinate | Pass | | | | | |
| Remark | | | | | | |

E0-09-11, REV.01

Supervisor:QC CHENG-SHEN FAN

Inspector: QC WEN-ZHANG XU