

INDEURO

CERAMIC



GLAZED POLISHED
PORCELAIN TILES

60X60CM

Random Faces



POLISHED FLOOR

IDEALLY SUITABLE FOR
FLOOR APPLICATION

MAX FINE

GLAZED POLISHED PORCELAIN TILES

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FLOOR TILES

| r. No. | CHARACTERISTIC | STANDARD AS PER ISO -13006/EN14411 GROUP BILL | INDEURO Value | Test Method |
|--------------------------------------|-----------------------------|---|-----------------------------|--------------|
| REGULATORY PROPERTIES | | | | |
| 1 | Deviation in length & width | ± 0.5% | ±0.3% | ISO-10545-2 |
| 2 | Deviation in thickness | ± 5.0% | ± 4.0% | ISO-10545-2 |
| 3 | Straightness in sides | ± 0.5% | ± 0.1% | ISO-10545-2 |
| 4 | Rectangularity | ± 0.5% | ± 0.1% | ISO-10545-2 |
| 5 | Surface flatness | ± 0.5% | ± 0.2% | ISO-10545-2 |
| 6 | Color Difference | Unlterned | No change | ISO-10545-16 |
| 7 | Glossiness | As per mfg. | Min 90% | GLOSSOMETER |
| STRUCTURAL PROPERTIES | | | | |
| 8 | Water absorption | < 0.50% | < 0.05% | ISO-10545-3 |
| 9 | Apparent density | > 2.0 g/cc | > 2.10 g/cc | DIN 51082 |
| MASSIVE MECHANICAL PROPERTIES | | | | |
| 10 | Modulus of repture | Min. 35 N/mm2 | Min. 40 N/mm2 | ISO-10545-4 |
| 11 | Breaking strength | Min. 1300 N | Min. 2000 N | ISO-10545-4 |
| 12 | Impact resistance | As per mfg. | Min. 0.55 | ISO-10545-5 |
| SURFACE MECHANICAL PROPERTIES | | | | |
| 13 | Surface abrasion resistance | As per mfg. | Min. Class-3 | ISO-10545-7 |
| 14 | MOH's hardness | As per mfg. | Min. 6 | EN 101 |
| THERMO HYGROMRTRIC PROPERTIES | | | | |
| 15 | Frost Resistance | No damage | No damage | ISO-10545-12 |
| 16 | Thermal Shock Resistance | No damage | No damage | ISO-10545-9 |
| 17 | Moisture Expansion | Nil | Nil | ISO-10545-10 |
| 18 | Thermal Expansion(COE) | Max. 9.0 x 10 ⁻⁶ | Max. 6.5 x 10 ⁻⁶ | ISO-10545-8 |
| 18 | Crazing Resistance | As per mfg. | Min. 10 Cycle | ISO-10545-11 |
| CHEMICAL PROPERTIES | | | | |
| 19 | Chemical Resistance | No damage | No damage | ISO-10545-13 |
| 20 | Stain Resistance | Resistant | Resistant | ISO-10545-14 |
| SAFETY PROPERTIES | | | | |
| 21 | Slip Resistance | As per mfg. | > 0.40 | ISO-10545-17 |
| 22 | Fire Resistance | As per mfg. | Fireproof | N.A. |

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