

# INDEURO

CERAMIC

GLAZED POLISHED  
PORCELAIN TILES  
**60X120CM**

Concept Tiles



POLISHED FLOOR

IDEALLY SUITABLE FOR  
FLOOR APPLICATION

**ELITE CREMA**

**GLAZED POLISHED PORCELAIN TILES**

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## Concept Tiles

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| r. No.                               | CHARACTERISTIC              | STANDARD AS PER ISO<br>-13006/EN14411<br>GROUP BILL | INDEURO<br>Value            | Test Method  |
|--------------------------------------|-----------------------------|---|-----------------------------|--------------|
| <b>REGULATORY PROPERTIES</b>         |                             |   |                             |              |
| 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  |
| <b>STRUCTURAL PROPERTIES</b>         |                             |   |                             |              |
| 8                                    | Water absorption            | < 0.50%   | < 0.05%                     | ISO-10545-3  |
| 9                                    | Apparent density            | > 2.0 g/cc  | > 2.10 g/cc                 | DIN 51082    |
| <b>MASSIVE MECHANICAL PROPERTIES</b> |                             |   |                             |              |
| 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  |
| <b>SURFACE MECHANICAL PROPERTIES</b> |                             |   |                             |              |
| 13                                   | Surface abrasion resistance | As per mfg.   | Min. Class-3                | ISO-10545-7  |
| 14                                   | MOH's hardness              | As per mfg.   | Min. 6                      | EN 101       |
| <b>THERMO HYGROMRTRIC PROPERTIES</b> |                             |   |                             |              |
| 15                                   | Frost Resistance            | No damage   | No damage                   | ISO-10545-12 |
| 16                                   | Thermal Shock Resistance    | No damage   | No damage                   | ISO-10545-9  |
| 17                                   | Moisture Expansion          | Null  | Null                        | ISO-10545-10 |
| 18                                   | Thermal Expansion(COE)      | Max. 9.0 x 10 <sup>-6</sup>                         | Max. 6.5 x 10 <sup>-6</sup> | ISO-10545-8  |
| 18                                   | Crazing Resistance          | As per mfg.   | Min. 10 Cycle               | ISO-10545-11 |
| <b>CHEMICAL PROPERTIES</b>           |                             |   |                             |              |
| 19                                   | Chemical Resistance         | No damage   | No damage                   | ISO-10545-13 |
| 20                                   | Stain Resistance            | Resistant   | Resistant                   | ISO-10545-14 |
| <b>SAFETY PROPERTIES</b>             |                             |   |                             |              |
| 21                                   | Slip Resistance             | As per mfg.   | > 0.40                      | ISO-10545-17 |
| 22                                   | Fire Resistance             | As per mfg.   | Fireproof                   | N.A.         |

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