

GLAZED PORCELAIN TILE

Standard: EN 14411:2016 - Annex G

Product Group: Bla - GL

| REFERENCE | SIZE (cm) [N] | WORK SIZE (mm) | THICK. (mm) |
|---------------------|---------------|----------------|-------------|
| Freestone Dark Grey | 30x60 | 605x305 | 7.8 |

| TECHNICAL CHARACTERISTICS | STANDARD TEST | REQUIREMENT EN14411 | Value |
|---|------------------------|--|--------------------------|
| DIMENSIONS - DEVIATION FROM THE WORK SIZE (%) - DEVIATION FROM SAMPLE AVERAGE (%) | ISO 10545-2 | ≤2% (Max.: ±5mm) M: 2 ≤ J ≤5mm ±0.9mm [7≤N<15] ±0.6% (≤ ±2mm) [N≥15] | COMPLIES |
| THICKNESS - DEVIATION FROM THE WORK SIZE (%) | ISO 10545-2 | ±0.5mm [7≤N<15] ±0.5% [N≥15] | COMPLIES |
| STRAIGHTNESS - DEVIATION FROM THE WORK SIZE (%) | ISO 10545-2 | ±0.75mm [7≤N<15] ±0.5% (≤±1.5mm) [N≥15] | COMPLIES |
| SQUARENESS - DEVIATION FROM THE WORK SIZE (%) | ISO 10545-2 | ±0.75mm [7≤N<15] ±0.5% (≤±2mm) [N≥15] | COMPLIES |
| FLATNESS - DEVIATION FROM THE DIAGONAL OR FROM THE WORK SIZE (%) | ISO 10545-2 | ±0.75mm [7≤N<15] ±0.5% (≤±2mm) [N≥15] | COMPLIES |
| SURFACE QUALITY | ISO 10545-2 | 95% | COMPLIES |
| WATER ABSORPTION | ISO 10545-3 | <0.5% | COMPLIES |
| BENDING STRENGTH - BREAKING STRENGTH (N) - RUPTURE MODULE (N/mm ²) | ISO 10545-4 | ≥ 1300 (Thickness ≥ 7.5 mm) ≥ 700 (Thickness < 7.5 mm) ≥ 35 | COMPLIES COMPLIES |
| RESISTANCE TO DEEP ABRASION (mm³) | ISO 10545-6 | NOT APPLICABLE | ~ |
| RESISTANCE SURFACE ABRASION (PEI) | ISO 10545-7 | ACORDING TO TEST REPORT | 4 |
| STAINING RESISTANCE | ISO 10545-14 | Min. Class 3 | 5 |
| CHEMICAL RESISTANCE - ACID RESISTANCE - ALKALI RESISTANCE - RESISTANCE TO HOUSEHOLD CHEMICALS AND SWIMMING POOL SALTS | ISO 10545-13 | as per manufacturer as per manufacturer MIN. B | LA LA A |
| LINEAR THERMAL EXPANSION - COEFFICIENT OF LINEAR THERMAL EXPANSION (K-1) | ISO 10545-8 | as per manufacturer | < 9.0x10 ⁻⁶ |
| CRAZING RESISTANCE | ISO 10545-11 | REQUIRED | COMPLIES |
| FROST RESISTANCE | ISO 10545-12 | REQUIRED | COMPLIES |
| THERMAL SHOCK RESISTANCE | ISO 10545-9 | RESISTANT | COMPLIES |
| MOISTURE EXPANSION | ISO 10545-10 | < 0.6mm/m | COMPLIES |
| ANTI-SLIP PROPERTIES - WORKROOMS AND FIELDS OF ACTIVITIES WITH RAISED SLIP DANGER - WET-LOADED BAREFOOT AREAS | DIN 51130 DIN 51097 | as per manufacturer, when applicable as per manufacturer, when applicable | R10 A |
| ANTI-SLIP PROPERTIES | ENV 12633 | as per manufacturer, when applicable | Class 2 |
| ANTI-SLIP PROPERTIES - WET AREAS - DRY AREAS | BS 7976 | as per manufacturer, when applicable as per manufacturer, when applicable | ≥ 36 ≥ 36 |
| IMPACT RESISTANCE COEFFICIENT OF RESTITUTION | ISO 10545-5 | ≥ 0.55 | ~ |

GPN3060FRE211_V0

 GRESKO - Grés de Coimbra, S.A.
 APARTADO 19 3771-909 OLIVEIRA do BAIRRO
 PORTUGAL

Tel.: (351) 239 980050 Fax.: (351) 239 983919 gresco@gresco.pt

Technical Direction

Administration

Date




20/04/2021