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| TECHNICAL SHEET |
| PSO EXR TERRA BEIGE 45X45 EXT 2.03 |

| EVALUATED CHARACTERISTICS | TEST METHOD | NORM ISO 13006 REQUIREMENTS (BIIB) | RESULT | CONCLUSION |
|--|--|---|---|----------------------------|
| DIMENSIONS AND SURFACE QUALITY | | | | |
| * Length and Width, mm Manufacturing Size: 451.0 mm Average Size: 450.6 mm | ISO 10545-2 | ± 0.6%; ± 2.0mm | (%) -0.10 | (mm) -0.43 Comply |
| * Thickness, mm Manufacturing: 7.5 mm Average result: 7.8 mm | ISO 10545-2 | ± 5.0%; ± 0.5mm | 3.88 | 0.29 Comply |
| * Straightness of sides, % | ISO 10545-2 | ± 0.5%; ± 1.5mm | 0.09 | 0.41 Comply |
| * Rectangularity, % | ISO 10545-2 | ± 0.5%; ± 2.0mm | 0.18 | 0.80 Comply |
| * Surface flatness Edge curvature, % Centre curvature, % Warpage, % | ISO 10545-2 | ± 0.5%; ± 2.0mm | 0.15 0.00 0.67 0.00 0.18 0.00 1.15 0.00 0.10 -0.03 0.61 -0.21 | Comply Comply Comply |
| * Surface quality, % | ISO 10545-2 | A minimum of 95 % of the tiles are to be free from visible defects which can impair the appearance of a major area of tiles | 95.0% | Comply |
| PHYSICAL PROPERTIES | | | | |
| * Water absorption (E _v), % | ISO 10545-3 | 6 % < E _v ≤ 10 % Individual maximum 11 % | 6.8 7.6 | Comply Comply |
| * Breaking strength, N (Thickness ≥ 7.5 mm) | ISO 10545-4 | Not less than 800 | 804 | Comply |
| * Modulus of rupture, N/mm ² | ISO 10545-4 | Minimum 18 Individual minimum 16 | 25 24 | Comply Comply |
| * Abrasion resistance - CU | ISO 10545-7 | Report abrasion class and cycles passed | Class 3 Cycles 1500 | - |
| * Craze resistance | ISO 10545-11 | Required | No crazing | Comply |
| CHEMICAL PROPERTIES | | | | |
| * Resistance to staining - Green Oxide - Iodo - Olive oil | ISO 10545-14 ISO 10545-14 ISO 10545-14 | Minimum class 3 Minimum class 3 Minimum class 3 | Class 5 Class 5 Class 5 | Comply Comply Comply |
| * Resistance to low concentrations of acids and alkalis - 3% Hydrochloric Acid (V / V) - Potassium hydroxide, 30 g / l | ISO 10545-13 | Manufacturer is to state classification | LA LA | - - |
| * Resistance to high concentrations of acids and alkalis - 18% Hydrochloric Acid (V / V) - Potassium hydroxide, 100 g / l | | | HA HA | - - |
| * Resistance to household chemicals and swimming pool salts - Ammonium Chloride 100 g / l - Sodium hypochlorite, 20 mg / l | ISO 10545-13 | Minimum B | A A | Comply Comply |
| <p>Requirements verified as indicated in the INTERNATIONAL STANDARD, ISO 13006 "Ceramic Tiles - Definitions, Classification, Characteristics and marking", Annex k (normative), Table k, 1. Dry-pressed ceramic tiles 6 % < E_v ≤ 10 % Group BIIB₀ The weight, tone and dimensions are subject to some of the inevitable variations typical of ceramic firing processes.</p> | | | | |
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