

| EVALUATED CHARACTERISTICS | TEST METHOD | NORM ISO 13006 REQUIREMENTS (BIIB) | RESULT | CONCLUSION |
|--|--------------|---|---|------------------|
| DIMENSIONS AND SURFACE QUALITY | | | | |
| * Length and Width, mm | | | (%) (mm) | |
| Manufacturing Size: 451.0 mm | ISO 10545-2 | ± 0.6%; ± 2.0mm | -0.31 -1.39 | Comply |
| Average Size: 449.6 mm | | | | |
| * Thickness, mm | | | | |
| Manufacturing: 7.5 mm | ISO 10545-2 | ± 5.0%; ± 0.5mm | 3.76 0.28 | Comply |
| Average result: 7.8 mm | | | | |
| * Straightness of sides, % | ISO 10545-2 | ± 0.5%; ± 1.5mm | 0.06 0.26 | Comply |
| * Rectangularity, % | ISO 10545-2 | ± 0.5%; ± 2.0mm | -0.18 -0.81 | Comply |
| * Surface flatness | | | | |
| Edge curvature, % | ISO 10545-2 | ± 0.5%; ± 2.0mm | 0.16 -0.05 0.70 -0.21 | Comply |
| Centre curvature, % | | ± 0.5%; ± 2.0mm | 0.08 -0.08 0.52 -0.51 | Comply |
| Warpage, % | | ± 0.5%; ± 2.0mm | 0.13 -0.05 0.80 -0.31 | 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 | 95.7% | Comply |
| PHYSICAL PROPERTIES | | | | |
| * Water absorption (E_v), % | ISO 10545-3 | 6 % < E_v ≤ 10 % Individual maximum 11 % | 6.8 7.0 | Comply Comply |
| * Breaking strength, N (Thickness ≥ 7.5 mm) | ISO 10545-4 | Not less than 800 | 933 | Comply |
| * Modulus of rupture, N/mm ² | ISO 10545-4 | Minimum 18 Individual minimum 16 | 29 27 | 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 | ISO 10545-14 | Minimum class 3 | Class 5 | Comply |
| - Iodo | ISO 10545-14 | Minimum class 3 | Class 5 | Comply |
| - Olive oil | ISO 10545-14 | Minimum class 3 | Class 5 | Comply |
| * Resistance to low concentrations of acids and alkalis | | | | |
| - 3% Hydrochloric Acid (V / V) | ISO 10545-13 | Manufacturer is to state classification | LA | - |
| - Potassium hydroxide, 30 g / l | | | LA | - |
| * Resistance to high concentrations of acids and alkalis | | | | |
| - 18% Hydrochloric Acid (V / V) | ISO 10545-13 | Test method available | HA | - |
| - Potassium hydroxide, 100 g / l | | | HA | - |
| * Resistance to household chemicals and swimming pool salts | | | | |
| - Ammonium Chloride 100 g / l | ISO 10545-13 | Minimum B | A | Comply |
| - Sodium hypochlorite, 20 mg / l | | | A | Comply |
| 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 BI _b The weight, tone and dimensions are subject to some of the inevitable variations typical of ceramic firing processes. | | | | |
| DATE OF ISSUE | | | Friday, December 03, 2021 | |
| Prepared by: Quality Supervisor | | | Reviewed by: Manager Quality Assurance | |
| Elio Baldera Chapañan | | | Marlene Chauca R. | |