

EVALUATED CHARACTERISTICS	TEST METHOD	NORM ISO 13006 REQUIREMENTS (BIIB)	RESULT	CONCLUSION
<b>DIMENSIONS AND SURFACE QUALITY</b>				
* Length and Width, mm Manufacturing Size: 451.0 mm Average Size: 451.5 mm	ISO 10545-2	± 0.6%; ± 2.0mm	(%)      (mm) 0.11      0.50	Comply
* Thickness, mm Manufacturing: 7.5 mm Average result: 7.6 mm	ISO 10545-2	± 5.0%; ± 0.5mm	1.33      0.10	Comply
* Straightness of sides, %	ISO 10545-2	± 0.5%; ± 1.5mm	0.07      0.30	Comply
* Rectangularity, %	ISO 10545-2	± 0.5%; ± 2.0mm	-0.13      -0.60	Comply
* Surface flatness Edge curvature, % Centre curvature, % Warpage, %	ISO 10545-2 ISO 10545-2 ISO 10545-2	± 0.5%; ± 2.0mm ± 0.5%; ± 2.0mm ± 0.5%; ± 2.0mm	0.13 -0.04 0.60 -0.20 0.20 0.00 1.30 0.00 0.14 0.00 0.90 0.00	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	97.1%	Comply
<b>PHYSICAL PROPERTIES</b>				
* Water absorption (E <sub>v</sub> ), %	ISO 10545-3	6 % < E <sub>v</sub> ≤ 10 % Individual maximum 11 %	7.1 7.2	Comply Comply
* Breaking strength, N (Thickness ≥ 7.5 mm)	ISO 10545-4	Not less than 800	1039	Comply
* Modulus of rupture, N/mm <sup>2</sup>	ISO 10545-4	Minimum 18 Individual minimum 16	30 28	Comply Comply
* Abrasion resistance - CU	ISO 10545-7	Report abrasion class and cycles passed	Class 4 Cycles 2100	-
* Crazeing resistance	ISO 10545-11	Required	No crazeing	Comply
<b>CHEMICAL PROPERTIES</b>				
* 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		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	ISO 10545-13	Test method available	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 % &lt; E<sub>v</sub> ≤ 10 % Group BIIB<sub>6</sub>            The weight, tone and dimensions are subject to some of the inevitable variations typical of ceramic firing processes.</p>				
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