

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: 451.5 mm	ISO 10545-2	± 0.6%; ± 2.0mm	(%) (mm) 0.11 0.51	Comply
* Thickness, mm Manufacturing: 7.5 mm Average result: 7.6 mm	ISO 10545-2	± 5.0%; ± 0.5mm	1.79 0.13	Comply
* Straightness of sides, %	ISO 10545-2	± 0.5%; ± 1.5mm	0.05 0.24	Comply
* Rectangularity, %	ISO 10545-2	± 0.5%; ± 2.0mm	-0.18 -0.79	Comply
* Surface flatness Edge curvature, % Centre curvature, % Warpage, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.20 0.00 0.90 0.00 0.12 0.00 0.76 0.00 0.11 -0.10 0.69 -0.61	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	97.0%	Comply
PHYSICAL PROPERTIES				
* Water absorption (E_v), %	ISO 10545-3	6 % < E_v ≤ 10 % Individual maximum 11 %	6.5 6.6	Comply Comply
* Breaking strength, N (Thickness ≥ 7.5 mm)	ISO 10545-4	Not less than 800	872	Comply
* Modulus of rupture, N/mm ²	ISO 10545-4	Minimum 18 Individual minimum 16	29 28	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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Prepared by: Quality Supervisor		Reviewed by: Manager Quality Assurance		
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TECHNICAL SHEET
PSO MAD. DALLAS PLUS CAMELO 45X45 EXT 2.03

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	0.06 0.26	Comply
Average Size: 451.3 mm				
* Thickness, mm				
Manufacturing: 7.5 mm	ISO 10545-2	± 5.0%; ± 0.5mm	4.87 0.37	Comply
Average result: 7.9 mm				
* Straightness of sides, %	ISO 10545-2	± 0.5%; ± 1.5mm	0.06 0.27	Comply
* Rectangularity, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.20 0.90	Comply
* Surface flatness				
Edge curvature, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.13 0.00 0.60 0.00	Comply
Centre curvature, %		± 0.5%; ± 2.0mm	0.14 -0.03 0.89 -0.17	Comply
Warpage, %		± 0.5%; ± 2.0mm	0.14 -0.05 0.90 -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	98.0%	Comply
PHYSICAL PROPERTIES				
* Water absorption (E _v), %	ISO 10545-3	6 % < E _v ≤ 10 % Individual maximum 11 %	7.3 7.9	Comply Comply
* Breaking strength, N (Thickness ≥ 7.5 mm)	ISO 10545-4	Not less than 800	884	Comply
* Modulus of rupture, N/mm ²	ISO 10545-4	Minimum 18 Individual minimum 16	29 28	Comply Comply
* Abrasion resistance - CU	ISO 10545-7	Report abrasion class and cycles passed	Class 2 Cycles 600	-
* 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
<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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