

TECHNICAL SHEET
PRD LSO BLANCO BRILLANTE 25X40 EXT 1.83

EVALUATED CHARACTERISTICS	TEST METHOD	NORM ISO 13006 REQUIREMENTS (BIII)	RESULT	CONCLUSION
DIMENSIONS AND SURFACE QUALITY				
* Length and Width, mm			(%) (mm)	
Manufacturing length: 403.0 mm	ISO 10545-2	± 0.6%; ± 2.0mm	0.07 0.29	Comply
Average length: 403.3 mm				
Manufacturing width: 253.0 mm	ISO 10545-2	± 0.6%; ± 2.0mm	-0.14 -0.36	Comply
Average width: 252.6 mm				
* Thickness, mm				
Manufacturing: 6.5 mm	ISO 10545-2	± 10.0%; ± 0.5mm	4.99 0.32	Comply
Average result: 6.8 mm				
* Straightness of sides, %	ISO 10545-2	± 0.5%; ± 1.5mm	-0.08 -0.34	Comply
* Rectangularity, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.12 0.50	Comply
* Surface flatness				Comply
Edge curvature, %				
Length:	ISO 10545-2	± 0.5%; ± 2.0mm	0.20 0.00 0.80 0.00	
Width:		± 0.5%; ± 2.0mm	0.09 0.00 0.22 0.00	
Centre curvature, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.21 0.00 1.00 0.00	Comply
Warpage, %	ISO 10545-2	± 0.5%; ± 2.0mm	0.11 -0.08 0.50 -0.40	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	98.1%	Comply
PHYSICAL PROPERTIES				
* Water absorption (E _v), %	ISO 10545-3	E _v > 10% Individual minimum value 9 %	12.6 12.9	Comply Comply
* Breaking strength, N (Thickness < 7.5 mm)	ISO 10545-4	Not less than 200	845	Comply
* Modulus of rupture, N/mm ²	ISO 10545-4	Minimum 15	29	Comply
* 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	LB	-
- 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	HB	-
- 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 L (normative), Table L.1. Dry-pressed ceramic tiles E _v > 10 % Group BIII The weight, tone and dimensions are subject to some of the inevitable variations typical of ceramic firing processes.				
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