



## TECHNICAL SPECIFICATIONS

ITEM SIZE:	TURKU 19,5x120 CM
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**1.- CLASIFICACION (UNE-EN 14411).**  
 Dry pressed ceramic tiles, 610 mm x 610 mm , with water absorption < 0,5 % . Group Bia

**2.- TECHNICAL SPECIFICATIONS (UNE-EN 14411).**  
 Values in this sheet fulfil with UNE normative, also factory rules.

TEST	TEST STANDARD	PRODUCT STANDARD	TEST RESULT
<b>Determination of Dimensions and Surface Quality :</b>			
Length & Width	ISO 10545-2	+- 0,60 %	OK
Thickness		+- 5%	OK
Straightness of Sides		+- 0,5 %	OK
Rectangularity		+- 0,5 %	OK
Surface planarity:		+- 0,5%	OK
Surface quality		95%	OK

<b>Physical Properties:</b>			
Water Absorption	ISO 10545-3	< 0.5 %	OK
Breakage Strength	ISO 10545-4	≥ 1300 N	OK
Bending Strength		≥ 30 N/mm2	OK
Resistance to surface abrasion	ISO 10545-7	Required	PEI IV
Determination of Linear Thermal Expansion	ISO 10545-8	Not required	OK
Resistance to thermal Shock	ISO 10545-9	Not required	OK
Crazing Resistance	ISO 10545-11	Required	OK

<b>Chemical Properties:</b>			
Resistance to household chemicals: Ammonium Chloride	ISO 10545-13	Minimum class GB	GA
Resistance to swimming pool salts: Sodium Hypochlorite		Minimum class GB	GA
<b>Resistance to stains:</b>			
Green staining agent in light oil	ISO 10545-14	Minimum 3	5
Iodine Alcohol solution		Minimum 3	5
Olive oil		Minimum 3	5
Determination of Scratch Hardness According to MOHS	UNE EN 67-101	Required	5

**3. CONCLUSIONS:**  
 The results obtained accomplish the specification of the Standard ISO 13006:2012 (Annex H) (Dry-pressed ceramic tiles, with low water absorption  $0.5 \% < E \leq 3\%$  Group B1b), as per SEBASTIAN CARPI official laboratory test report.

Signed by Technical Director: