



Kaleseramik Çanakkale Kalebodur Seramik Tiles conform to the Turkish and European standards indicated below.

TEST REPORT

EN	TECHNICAL CHARACTERISTICS		TURKISH and EUROPEAN STANDARD TS-EN 14411 Annex L BIII GL	Wall Tiles Test Results
ISO 10545-2	Deviations from Dimensions	Length and Width	N ≥ 15 cm ; The permissible deviation of the average size for each tile from the work size (W) ± 0,5 % // ± 2,0 mm	± % 0,20
		Thickness (%)	± 10 % // ±0,5 mm	± % 5
	Rectangularity (%)		+0,5 % // +2,0 mm	± % 0.5
	Straightness of Sides (%)		±0,3% // ±1,5 mm	± % 0.3
	Surface Flatness (%)	Centre curvature	+0,5 / -0,3% // +2,0 / -1,5 mm	+ % 0.5, -% 0.3
		Edge curvature	+0,5 / -0,3% // +2,0 / -1,5 mm	+ % 0.5, -% 0.3
	Warpage		+0,5 % // +2,0 mm	± % 0.5
Surface Quality (%)		5 % Defective	Affirmative	
ISO 10545-3	Water Absorption (%)		Ave.10 %, When the value exceeds 20% this shall be indicated by the manufacturer. Individual min. 9 %	Ave. % <19,0
ISO 10545-4	Breaking Strength (N)		thickness ≥ 7,5 mm min. 600 N	>700 N
			thickness < 7,5 mm min. 200 N	> 300 N
	Modulus of Rupture (N/mm ²)		thickness ≥ 7,5 mm min. 12 N/ mm ²	>20 N / mm ²
			thickness < 7,5 mm min. 15 N/ mm ²	
ISO 10545-8	Lineer Thermal Expansion Coefficient (100 °C)		Max. 9x10 ⁻⁶ / °C	6x10 ⁻⁶ / °C
ISO 10545-9	Resistance to Thermal Shock		Required	Affirmative
ISO 10545-10	Moisture Expansion (mm/m)		0,06 % (0,6 mm/m)	%0,01976
ISO 10545-11	Crazing Resistance for Glazed Tiles		Required	Affirmative
ISO 10545-13	Resistance to High/Low Acids and Alkalis		Required	Affirmative
	Resistance to Household Chemicals	Resistance to Swimming Pool Chemicals	Min. GB	GA
ISO 10545-14	Resistance to Staining		Min. 3	Class-5



Kaleseramik Çanakkale Kalebodur Seramik San. A.Ş.

17430 Çan/Çanakkale

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001CPR- DoP2013

EN 14411:2012

Dry-pressed ceramic wall tiles, with water absorption

E_w>10%, for internal walls

Reaction to fire

A1

Bond strength/adhesion, for:

Cementitious adhesive, type C1

>0,5 N/mm²

Durability for:

internal use:

Pass

QUALITY CONTROL LAB. TECHNICIAN

QUALITY CONTROL MANAGER