



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 / ISO13006 ANNEX G GL GROUP B ₁	150,0x600,0x9,0 mm			
			GS-N3660	GS-N3661	GS-N3662	GS-N3680
			COUNTRY HONEY	COUNTRY KHAKI	COUNTRY NUT	COUNTRY HONEY
ISO 10545-2	Length and width	N ≥ 15 cm ; The permissible deviation of the average size for each tile from the work size (W) ± %0,6 & ± 2,00 mm	±%0,3			
	Thickness	±%5 / ±0,5 mm	±%4			
	Rectangularity	±%0,5 / ±2,0 mm	±%0,3			
	Straightness of Sides	±%0,5 / ±1,5 mm	±%0,2			
	Surface Flatness	±%0,5 / ±2,0 mm	±%0,3			
ISO 10545-3	Water Absorption	$E_b \leq 0,5\%$ Individual max. %0,6	$E_v \leq 0,5\%$			
ISO 10545-4	Breaking strength, in N	Thickness ≥ 7,5 mm ; Not less than 1300	>1300 N			
		Thickness < 7,5 mm ; Not less than 700	-			
	Modulus of Rupture (N/mm ²)	Min.35 Individual min.32	>35 N/mm ²			
ISO 10545-5	Impact resistance	Test method available	RESISTANT			
ISO 10545-7	Resistance to Surface Abrasion for Glazed Tile	Report abrasion class and cycles passed	Class-4	Class-4	Class-3	Class-4
ISO 10545-8	Linear Thermal Expansion Coefficient	Test method available	6.0833E-06			
ISO 10545-9	Resistance to Thermal Shock	Test method available	AFFIRMATIVE			
ISO 10545-11	Crazing Resistance in Glazed Tiles	Required	RESISTANT			
ISO 10545-12	Frost Resistance	Required	RESISTANT			
ISO 10545-13	Resistance to chemicals					
	Resistance to low concentrations of acids and alkalis	manufacturer to state classification	AFFIRMATIVE			
	Resistance to high concentrations of acids and alkalis	Test method available	AFFIRMATIVE			
	Resistance to household chemicals and swimming pool salts	Min.GB	GA-GA			
ISO 10545-14	Resistance to Staining					
	Glazed tiles					
	<i>Stains leaving a trace (pastes): Green staining agent in light oil</i>	Min.Class 3 for Glazed Tile	5			
	<i>Stains having chemical / oxidizing action: Lodine, 13 g/l solution in alcohol</i>		5			
	<i>Stains forming a film: Olive oil</i>		5			
DIN 51130 DIN 51097	Ramp Slip resistance (Oil / Wet)	Where required	R-9 Class-			
The numbers beside Kalebodur Ceramic Tiles indicate the abrasion resistance of the ceramic surface according to Turkish and European Standard TS-EN ISO 10545-7.						
Class - 1 Suitable for walls and bedroom and bathroom floors.						
Class - 2 Suitable for light traffic environments like the floors of a house.						
Class - 3 Suitable for moderately heavy traffic area floors like the entrance and the corridor.						
Class - 4 Suitable for heavy traffic area floors like restaurant, shopping stores, etc.						
Class - 5 Suitable for floors subject to heavy foot traffic and abrasion, such as shops, hotels, restaurants, offices, schools, exhibition halls, etc.						



Kaleseramik Çanakkale Kalebodur Seramik San. A.Ş.

17430 Çan/Çanakkale

5

003CPR-DoP2013

EN 14411:2012

Dry-pressed glazed porcelain tiles, with water absorption $E_b \leq 0,5\%$, for internal and external wall and floorings

Reaction to fire A1/A1_F

Release of dangerous substances, for:

Cadmium NPD

Lead NPD

Breaking strength
Thickness t≥7,5mm BS>1300 N
Thickness t<7,5mm BS>700 N

Cementitious adhesive, type C2 ≥1,0 N/mm²

Slipperiness, as Declaired at DoP

Durability for:

internal use: Pass

external use: freeze-thaw Pass

Tactility NPD

Thermal Shock Resistance Pass

QUALITY CONTROL LAB. TECHNICIAN

QUALITY CONTROL MANAGER