

DUST PRESSED CERAMIC FLOOR TILES WITH LOW WATER ABSORPTION

TECHNICAL CHARACTERISTIC	EN-14411 Annex H Group BIb Values	EGE SERAMİK VALUE	TEST STANDARD
Length and width	7 cm ≤ N < 15 cm ± 0,9 mm N ≥ 15 cm ± % 0,6 ve ± 2,0 mm	± % 0,4 ve ± 2,0 mm	ISO 10545-2
Thickness	7 cm ≤ N < 15 cm ± 0,5 mm N ≥ 15 cm ± % 5 ve ± 0,5 mm	± % 5	ISO 10545-2
Rectangularity	7 cm ≤ N < 15 cm ± 0,75 mm N ≥ 15 cm ± % 0,5 ve ± 2 mm	± % 0,4 ve ± 2,0 mm	ISO 10545-2
Straightness of sides	7 cm ≤ N < 15 cm ± 0,75 mm N ≥ 15 cm ± % 0,5 ve ± 1,5 mm	± % 0,4 ve ± 1,5 mm	ISO 10545-2
Center Curvature	7 cm ≤ N < 15 cm ± 0,75 mm N ≥ 15 cm ± % 0,5 ve ± 2 mm	± % 0,4 ve ± 2,0 mm	ISO 10545-2
Edge Curvature	7 cm ≤ N < 15 cm ± 0,75 mm N ≥ 15 cm ± % 0,5 ve ± 2 mm	± % 0,4 ve ± 2,0 mm	ISO 10545-2
Warpage	7 cm ≤ N < 15 cm ± 0,75 mm N ≥ 15 cm ± % 0,5 ve ± 2 mm	± % 0,4 ve ± 2,0 mm	ISO 10545-2
Surface Quality	A minimum of 95 %of the tiles shall be free from visible defects that would impair the appearance of a major area of tiles		ISO 10545-2
Water Absorption	% 0,5 < Ev ≤ % 3,0 Individual max %3,3	% 0,5 < Ev ≤ % 3,0 Individual max %3,3	ISO 10545-3
Modulus of Rupture	min 30 N/mm2 Individual min 27 N/mm2	min 30 N/mm2 Individual min 27N/mm2	ISO 10545-4
Breaking Strength	Thickness ≥ 7,5 mm 1100 N Thickness < 7,5 mm 700 N	Thickness ≥ 7,5 mm 1100 N Thickness < 7,5 mm 700 N	ISO 10545-4
Impact resistance	Declared value	Test value for each product	EN ISO10545-5
Abrasion Resistance	As indicated by the manufacturer	Abrasion Class Value	ISO 10545-7
Coefficient of linear thermal expansion	Declared value	≤ 6,01 x 10-6 / °C	ISO 10545-8
Thermal Shock Resistance	Test method available	Resistance	ISO 10545-9
Crazing Resistance	Required	Resistance	ISO 10545-11
Frost Resistance	Required	Resistant NO ALTERNATION WITH 100 CYCLES	ISO 10545-12
Resistance to acids and alkalis	As indicated by the manufacturer	Min Class LB Min Class HB	ISO 10545-13
Resistance to household chemicals and swimming pool salts	Min Class B	Min Class B	ISO 10545-13
Resistance to Staining	Min. Class 3	Min. Class 3	ISO 10545-14
Pb-Cd	Declared value	Test value for each product	EN ISO10545-15
Scratch Hardness	min 5 Mohs	min 5 Mohs	EN 101
Wet Dynamic Coefficients Of Friction	As indicated by the manufacturer	Test value for each product	ANSI / NFSI B101.3-2020
Slippery Resistance	As indicated by the manufacturer	Test value for each product	TS EN 16165 : 2021-12
Pendulum	Declared value	Test value for each product	BS 7976-1:2002 + A1 2013 / SH 2279

