

## TECHNICAL SPECIFICATIONS

Technical Specifications	Glazed Porcelain Tiles Technical Specifications		Test Standards
	EN 14411:2016 - Group Bla Annex G	YURT BAY SERAMIK	
Length and Width [%]	7cm≤N<15cm ±0.75mm	±0.65mm	EN ISO 10545-2
	N≥15cm ±%0,5 ±2,0mm	±%0.4	
Thickness [%]	7cm≤N<15cm ±0.5mm	±0.40mm	EN ISO 10545-2
	N≥15cm ±%10 ±0,5mm	±%0.9	
Straightness of Sides [%]	7cm≤N<15cm ±0.5mm	±0.40mm	EN ISO 10545-2
	N≥15cm ±%0,3 ±1,5mm	±%0.2	
Rectangularity [%]	7cm≤N<15cm ±0.75mm	±0.65mm	EN ISO 10545-2
	N≥15cm ±%0,5 ±2,0mm	±%0.4	
Centre Curvature [%]	7cm≤N<15cm ±0.75mm	+0.65mm	EN ISO 10545-2
	N≥15cm ±%0,5 ±2,0mm	±%0.4	
Edge Curvature [%]	7cm≤N<15cm ±0.75mm	±0.65mm	EN ISO 10545-2
	N≥15cm ±%0,5 ±2,0mm	±%0.4	
Warpage [%]	7cm≤N<15cm ±0.75mm	±0.65mm	EN ISO 10545-2
	N≥15cm ±%0,5 ±2,0mm	±%0.4	
Water Absorption [%]	E ≤ % 0,5 Individual max. %0,6	E ≤ 0,5	EN ISO 10545-3
Breaking Strength [ N ] Thickness ≥ 7,5 mm	Not less than 1300	Min. 1400	EN ISO 10545-4
Breaking Strength [ N ] Thickness < 7,5 mm	Not less than 700	Min. 700	EN ISO 10545-4
Modulus of Rupture [N/mm2]	Min. 35 Individual Min. 32	Min. 37	EN ISO 10545-4
Crazing Resistance	Required [ 5 Atm. for 2 hours ]	Resistant	EN ISO 10545-11
Thermal Shock Resistance	Required [ At 150 oC for 10 Cycles ]	Resistant to 200 oC	EN ISO 10545-9
Resistance to Surface Abrasion of Glazed Tiles	As indicated by the Manufacturer	As specified for each product.	EN ISO 10545-7
Impact Resistance	Required	Resistant	EN ISO 10545-5
Frost Resistance	Required	Resistant	EN ISO 10545-12
Resistance to Household Chemicals and swimming pool salts	Minimum Class GB	Minimum Class GB	EN ISO 10545-13
Resistance to Acids and Alkalies	As indicated by the Manufacturer	Changes According to the products	EN ISO 10545-13
Resistance to Staining	Minimum Class 3	Minimum Class 3	EN ISO 10545-14
Ramp Slip Resistance	Where Required	Where Required	DIN 51130