
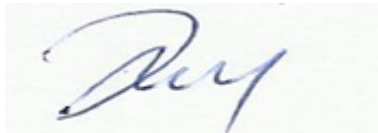


TECHNICAL SPECIFICATION TABLE

EN	TECHNICAL CHARACTERISTICS	TURKISH and EUROPEAN STANDARD TS-EN 14411 Annex - L BIII GL	30x60 cm MAS-8976 SILK GREY - X				
		Requirements for nominal size N ;			Kaleseramik Çanakkale Kalebodur Seramik San. A.Ş. 17430 Çan/Çanakkale 5 001CPR- DoP2013 EN 14411 Dry-pressed ceramic wall tiles, with water absorption E>10%, for internal walls		
ISO 10545-2	Length and width	7cm ≤ N < 15 cm	N ≥ 15 cm				15 cm ≤ N ≤ 60 cm
		(mm)	(%)	(mm)			(%) / (mm)
	Thickness	± 0,75 mm	± 0,5 %	± 2,0 mm			± 0,4 % ± 1,5 mm
	Rectangularity	± 0,5 mm	± 10 %	± 0,5 mm			± 5 % / ± 0,5 mm
	Rectangularity	± 0,75 mm	± 0,5 %	± 2,0 mm			± 0,4 % / ± 1,5 mm
	Straightness of Sides	± 0,50 mm	± 0,3 %	± 1,5 mm			± 0,2 % / ± 0,8 mm
	Surface Flatness						
	Centre Curvature	+0,75 ; - 0,50 mm	+0,5 % ; -0,3 %	+2,0 mm ; -1,5 mm			± 0,3 % / ± 1,5 mm
	Edge Curvature	+0,75 ; - 0,50 mm	+0,5 % ; -0,3 %	+2,0 mm ; -1,5 mm			± 0,3 % / ± 1,4 mm
Warpage	± 0,75 mm	± 0,5 %	± 2,0 mm	± 0,3 % / ± 1,0 mm			
ISO 10545-3	Water Absorption (%)	Ave. 10 %, When the value exceeds 20% this shall be indicated by the manufacturer. Individual min. 9 %		E < 20,0 %			
ISO 10545-4	Breaking Strength (N)	thickness ≥ 7,5 mm min. 600 N		≥ 600 N	Reaction to fire		
		thickness < 7,5 mm min. 200 N		-		A1	
ISO 10545-4	Modulus of Rupture (N/mm ²)	thickness ≥ 7,5 mm min. 12 N/mm ²		>20 N/mm ²	Bond strength/adhesion, for:		
		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		RESISTANT			
ISO 10545-10	Moisture Expansion (mm/m)	0,06 % (0,6 mm/m)		%0,01976	Cementitious adhesive, type C1		
ISO 10545-11	Crazing Resistance for Glazed Tiles	Required		AFFIRMATIVE	Durability for:		
ISO 10545-13	Resistance to High/Low Acids and Alkalis	Required		AFFIRMATIVE			
	ISO 10545-13	Resistance to Household Chemicals	Resistance to Swimming Pool Chemicals	Min. B	A	internal use:	
Min. 3		Class-5		Pass			

QUALITY CONTROL LAB. TECHNICIAN



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