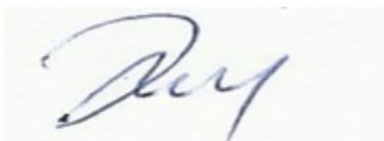


EN	TECHNICAL CHARACTERISTICS	TURKISH and EUROPEAN STANDARD TS-EN 14411 Annex - L BIII GL			30x60 cm FON-8570 ALEGRA WH -X
		Requirements for nominal size N ;			
ISO 10545-2	Length and width	$7\text{cm} \leq N < 15\text{ cm}$	$N \geq 15\text{ cm}$		$15\text{ cm} \leq N \leq 60\text{ cm}$
		(mm)	(%)	(mm)	(%) / (mm)
	Thickness	$\pm 0,75\text{ mm}$	$\pm 0,5\%$	$\pm 2,0\text{ mm}$	$\pm 0,4\%$ / $\pm 1,5\text{ mm}$
	Rectangularity	$\pm 0,75\text{ mm}$	$\pm 0,5\%$	$\pm 2,0\text{ mm}$	$\pm 0,4\%$ / $\pm 1,5\text{ mm}$
	Straightness of Sides	$\pm 0,50\text{ mm}$	$\pm 0,3\%$	$\pm 1,5\text{ mm}$	$\pm 0,2\%$ / $\pm 0,8\text{ mm}$
	Surface Flatness				
	Centre Curvature	+0,75 ; - 0,50 mm	+0,5 % ; -0,3 %	+2,0 mm ; -1,5 mm	$\pm 0,3\%$ / $\pm 1,5\text{ mm}$
	Edge Curvature	+0,75 ; - 0,50 mm	+0,5 % ; -0,3 %	+2,0 mm ; -1,5 mm	$\pm 0,3\%$ / $\pm 1,4\text{ mm}$
	Warpage	$\pm 0,75\text{ mm}$	$\pm 0,5\%$	$\pm 2,0\text{ mm}$	$\pm 0,3\%$ / $\pm 1,0\text{ mm}$
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 $\geq 7,5\text{ mm}$ min. 600 N			$\geq 600\text{ N}$
		thickness $< 7,5\text{ mm}$ min. 200 N			-
	Modulus of Rupture (N/mm ²)	thickness $\geq 7,5\text{ mm}$ min. 12 N/ mm ²			$>20\text{ N / mm}^2$
		thickness $< 7,5\text{ mm}$ min. 15 N/ mm ²			
ISO 10545-8	Linear Thermal Expansion Coefficient (100 °C)	Max. $9 \times 10^{-6} / ^\circ\text{C}$			$6 \times 10^{-6} / ^\circ\text{C}$
ISO 10545-9	Resistance to Thermal Shock	Required			RESISTANT
ISO 10545-10	Moisture Expansion (mm/m)	0,06 % (0,6 mm/m)			%0,01976
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. B			A
ISO 10545-14	Resistance to Staining	Min. 3			Class-5

QUALITY CONTROL LAB. TECHNICIAN



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