

TEST	STANDARD	DETERMINATION	Units.	FINISHES			
				SATIN	SILK	POLISHED	RIVERWASHED
Dimensions and Surface Appearance Determination	ISO 10545-2	Thickness ⁽¹⁾	mm	± 0,5 (5%)	± 0,5 (5%)	± 0,5 (5%)	± 0,5 (5%)
		Slab Width Flatness Tolerance	mm	± 2 (0,1%)	± 2 (0,1%)	± 2 (0,1%)	± 2 (0,1%)
		Slab Length Flatness Tolerance	mm	± 4 (0,1%)	± 4 (0,1%)	± 4 (0,1%)	± 4 (0,1%)
		Slab Dimensional Tolerance ⁽²⁾	mm	± 2 (0,6%)	± 2 (0,6%)	± 2 (0,6%)	± 2 (0,6%)
Water Absorbtion	ISO-10545-3	Boiling Absorption ⁽¹⁾	%	≤ 0,5	≤ 0,5	≤ 0,5	≤ 0,5
		Apparent Density	gr/cm ³	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)	2,4 (±5%)
Impact Resistance	ISO 10545-5	Coefficient of Restitution	-	0,8	0,8	0,6	0,8
Resistance to Deep Abrasion	ISO-10545-6	Lost Volume	mm ³	130	-	-	-
Resistance to surface abrasion	ISO 10545-7	Visual Appearance	Class	PEI III	PEI II	PEI I	PEI II
Coefficient of Linear Thermal Expansion	ISO 10545-8	From 25°C to 100°C	10 ⁻⁶ . °C ⁻¹	5,7	5,7	5,7	5,7
Thermal Shock Resistance	ISO 10545-9	Damage	-	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Moisture Expansion	ISO 10545-10	Coefficient of Dilatation	mm/m	< 0,1	< 0,1	< 0,1	< 0,1
Frost Resistance	ISO 10545-12	Damage	-	Not Damaged	Not Damaged	Not Damaged	Not Damaged
Chemical Resistance	ISO 10545-13	Cleaning Products	Class	UA	GA	GA	GA
		Pool Chemicals	Class	UA	GA	GA	GA
		Low Concentrations	Class	ULA	GLA	GLB	GLA
		High Concentrations	Class	UHA	GHA	GHB	GHA
Stain Resistance	ISO 10545-14	Visual Appearance	Class	5	5	5	5
Lead and Cadmium Release	ISO 10545-15	Lead Concentration	mg/dm ²	<0,01	<0,01	<0,01	<0,01
		Cadmium Concentration	mg/dm ²	<0,001	<0,001	<0,001	<0,001
Light Fastness	DIN 51094	Chromatic Change	-	No Change	No Change	No Change	No Change

(1) Non-mesh slabs

(2) Cut to size format slabs

Thickness specific features:

TEST	STANDARD	DETERMINATION	Units	Thickness			
				6	6+ ⁽³⁾	12	20
Weight	-	Grammage	kg/m ²	14	15	29	48
Bending Strength	ISO 10545-4	Breaking Strength	N	>700	>700	>1300	>1300
		Modulus of Rupture	N/mm ²	>35	>35	>35	>35

(3) Cut to size format slabs


 THE SIZE SURFACES, S.L.
 B-85171023
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 C.P. 12550 ALMAZORA (CASTELLÓN)