

Technical data 3 mm.

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

⁽¹⁾ Non-mesh slabs

⁽²⁾ Cut to size format slabs

⁽³⁾ Slate

⁽⁴⁾ Iron, Steel touch

⁽⁵⁾ Slippery test according to CE certificate

TEST	STANDARD	DETERMINATION	Units	THICKNESS	
				3	3+
Weight	-	-	Kg/m ² ^(*)	7	8
Bending Strength	ISO 10545-4	Breaking Strength	N	>300	>340
		Modulus of Rupture	N/mm ²	>48	>48

^(*) ±5%

The mentioned information stems from periodical tests made with a real product from the manufacturing process. Data is accurated according to our loyal knowledge and wisdom. This technical data sheet and the product properties can be changed without prior notice. The users, suppliers and distributors should check that they possess the most recent technical data sheets. For more information about Neolith visit www.neolith.com

Elabora:

Revisa:

Aprueba:

Customer QA & Customer Success

SIG

Customer QA Manager &
Customer Success Coordinator

APROBACIÓN Y CONTROL DE MODIFICACIONES

Nº REVISIÓN	FECHA	MOTIVO DE LA MODIFICACIÓN	PÁGINAS AFECTADAS	RESPONSABLE APROBACIÓN
00	sep-24	Alta del documento	todas	Customer QA Manager