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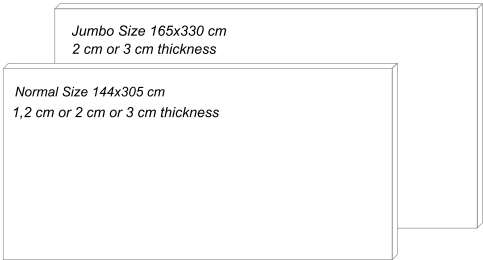
SPECIFICATIONS	TEST METHOD	RESULT
Water Absorption (% by weight)	ASTM C97/C97M-09:2009	≤ 0.05%
	EN 14617-1:2013	≤ 0.06%
Apparent Density	ASTM C97/C97M-09:2009	2.2 – 2.4 gr/cm³
	EN 14617-1:2013	
Flexural Strength	ASTM C880/C880M-09:2009	> 40 MPa
	EN 14617-2:2008	
Dimension Stability	EN 14617-12:2012	Class A
Electrical Stability	EN 14617-13:2013	Volume resistance (R _v) = 0.9 x 10 ¹⁴ Ω Volume resistance (p _v) = 4.88 x 10 ¹⁴ Ωm
Impact Resistance	ASTM D1709:2015	≥ 3.0 J
	EN 14617-9:2005	
Compressive Strength	ASTM C170/C170M-09:2009	≥ 155 MPa
	EN 14617-15:2005	
Mohs Scale of Hardness	EN101	6.0 – 7.0
Resistance to Deep Abrasion	ASTM C1243:2009	Volume of chord: V ≤ 195mm³
	EN 14617-4:2012	
Freeze-Thaw Resistance	ASTM C1026:2013	No defects after 15 freeze-thaw cycles
	EN 14617-5:2012	No defects after 25 freeze-thaw cycles
Slip Resistance at Honed 400	DIN 51130:2004	R9 – R10
Microbial Resistance	ASTM D 6329:2015	Ranking 3: Resistant to Mold Growth
Chemical Resistance to Acids	EN 14617-10:2012	Class C ₄
Thermal Shock Resistance	EN 14617-6:2012	No visual defects after 20 cycles
Determination of Resistance to Immersion in Boiling Water	AS 2924.2-7: 1998 (EQUI. TO ISO 4586.2-7: 1997)	Effect on surface (rating):5 (no visible change)
Determination of Resistance to Dry Heat	AS 2924.2-8: 1998 (EQUI. TO ISO 4586.2-8: 1997)	Effect on surface (rating):5 (no visible change)
Determination of Resistance to Staining (Procedure A)	AS 2924.2-15: 1998 (EQUI. TO ISO 4586.2-15: 1997)	Effect on surface (rating):5 (no visible change)

» MATERIALS COMPARISON

MATERIALS	QUARTZ SURFACE	GRANITE	LAMINATE	SOLID SURFACE
Scratch resistance				
Stain resistance				
Chip and Crack Resistance				
Heat and Burn Resistance				
Resistance to Household Chemicals Acids and Solvents				
Low Maintenance				
Non-absorbency and Non-porosity				
Mold and Mildew Resistance				
Flexural Strength				
Color Consistency				
Immunity to Freeze and Thaw				

KEY		Excellent
		Good
		Fair

» STANDARD SLAB SIZES



* Cut-to-size items are available on request