

TECHNICAL SPECIFICATIONS

	Quartz	Granite	Laminate	Solid Surface
Scratch Resistant	✓	✓		
Stain Resistant	✓		✓	✓
Heat Resistant	✓	✓		
Protected from household chemicals, acids and solvents	✓			✓
Low Maintenance	✓			
Non-Porous	✓			✓
Mold and Mildew Resistant	✓			✓
Color Consistency	✓		✓	✓



Scratch Resistant



Stain Resistant



Heat Resistant



Easy Maintenance



Crack Resistant



Color Consistency

Test Performed	Test Standards	Results
Abrasion Resistance	ASTM C 241	Min 25.0
	ASTM C 1243-93	Volume of Chord : V= 60.0 - 107.9 mm ³
	EN 14617-4	Chord Length = 21.0 - 22.5 mm
App. Density kg/dm ³	ASTM C 97	> 2.1
	EN14617-1	> 2.1
Boiling Water Resistance	NEMA LD3-3.5	Pass / No effect
Compressive Strength (Mpa)	ASTM C 170	150 - 250 (Dry/Wet)
	EN14617-15	170 - 240
Cigarette Test	ANSI Z 124.6	Pass
Chemical Resistance	ANSI Z 124.6	Pass
	EN14617-10	Class C4
Dimensional Stability	EN14617-12	Class A
Freeze & Thaw Resistance	ASTM C 1026	No damage after 20 freeze-thaw cycles.
	EN14617-5	No defect after 25 freeze-thaw cycles.
Flexural Strength (MPa)	ASTM C 880	40 - 60 (Dry/Wet)
	EN14617-2	50 - 60
Frost Resistance	DIN 52104	Complies with Standard
Fire Classification	EN 13501-1	Wall Cladding: B-S1-d0,
		Flooring & Stairs: B-fl-S1
Glossiness Reflection	%	55 - 70
High Temperature Resistance	NEMA LD3-3.6	Pass / No effect
Impact Resistance (joule)	EN14617-9	5 - 14.5 joule
Linear Thermal Expansion (30 °C - 100 °C) °C ⁻¹	ASTM C 372-94	3.0 - 5.0 X10 ⁻⁵ per °C
	EN14617-11	13 - 26.0 X 10 ⁻⁶
Modulus of Rupture (MPa) (Dry/Wet)	ASTM C 99	55 - 65
Radiation	GB 6566-2010	Complies with requirement of standards
Resistance to Acids	ASTM C 650	Not Affected
Surface Hardness (Moh's Scale)	EN 101	6.0 - 7.0
Surface Burning	ASTM E 84	Class A
Slip Resistance	EN 14231	Wet: 13-21 SRV , Dry: 43-53 SRV
Stain Resistance	ANSI Z 124.6	Pass
Surface Slip Resistance HONED 400	DIN 51130	R9
Static Co-efficient of Friction	ASTM C 1028	Dry: 0.8 , Wet: 0.6
Thermal Shock Resistance	EN14617-6	No Visual defects after 20 cycles.
		Loss in Mass = 0.04% - 0.07%,
		Loss in flexural strength= 6.0% - 9.5%
Thermal Conductivity	EN 12664	0.435 - 0.485 W/(m.K)
Wear & Cleanability	ANSI Z 124.6	Pass
Water Absorption %	ASTM C 97	< 0.05
	EN14617-1	< 0.05

Features



Easy to Install



Resistant to Staining



Impact Resistant



High MOR



Thermal Shock Resistant



Eco-friendly & Sustainable



Acid Resistant



Easy to Clean



Frost Resistant