

PRODUCT TECHNICAL INFORMATION

PANMINQUARTZ®

LOW SILICA SURFACES

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CAMBODIAN ZULITE STONE CO., LTD

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Corporate Headquarters:

RM 2002, No.21 Jiahe Rd, Xiamen City, Fujian Province, China

China Factories:

Kuixia Industrial Area, Shijing Town, Nan'an City, Fujian Province, China

No.58 Zhengxing Ave, Zhangzhou City, Fujian Province, China

Cambodia Factory:

ZSEZ, KM175, No.4 National Rd, Prey Nob, Sihanouk Province, Cambodia

DESCRIPTION OF THE PRODUCT

Discover Cambodian Zulite Stone's exceptional low-silica surfaces, meticulously crafted through extensive research and development efforts since 2018. These surfaces maintain their exceptional durability, even when their composition is adjusted. Stringently tested and certified by reputable organizations, our low silica surfaces ensure unparalleled quality and safety for your design endeavors. Place your trust in the reliability of our surfaces. In addition to their superior quality, our low silica surfaces embody eco-friendliness and sustainability. Manufactured using renewable electric energy sources, including solar power, and incorporating recycled water, Cambodian Zulite Stone actively contributes to a more environmentally friendly future. Our surfaces are versatile and adaptable, offering limitless creative possibilities for various design projects. Whether for countertops, flooring, or other applications, unlock a world of design opportunities to achieve your desired aesthetic. Experience the guaranteed quality, durability, and sustainability of Cambodian Zulite Stone's low silica surfaces. Choose Cambodian Zulite Stone for an outstanding choice that exceeds your expectations.

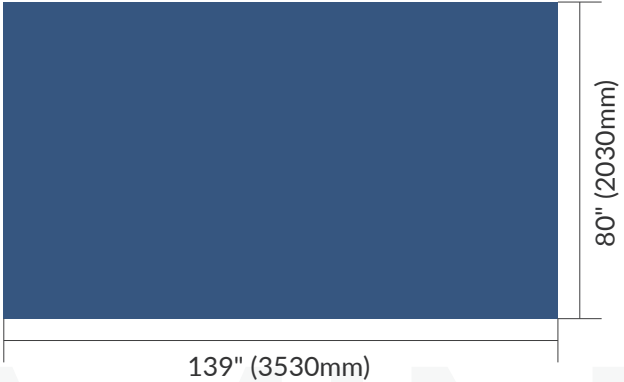
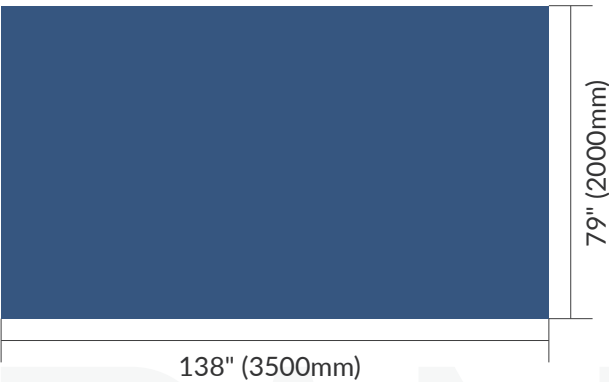
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PRODUCT DIMENSIONS

MEGA

Nominal slab size: 138" (3500mm) * 79" (2000mm)

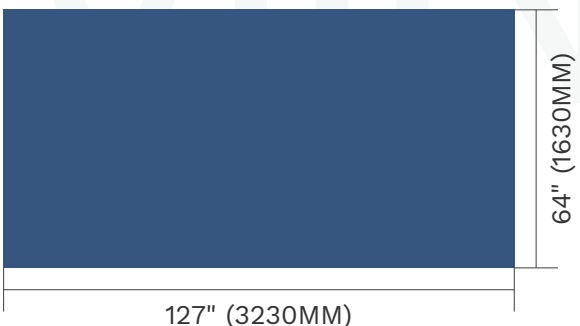
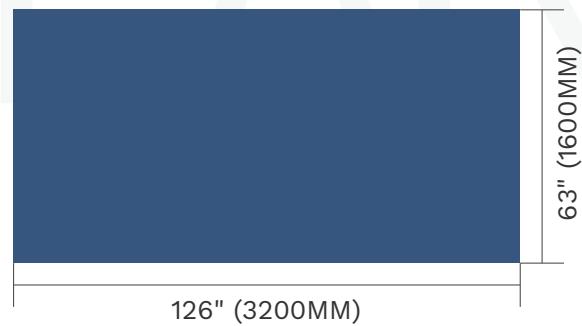
Real slab size: 139" (3530mm) * 80" (2030mm)



JUMBO

Nominal slab size: 126" (3200mm) * 63" (1600mm)

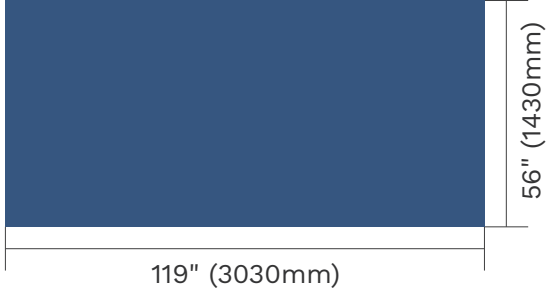
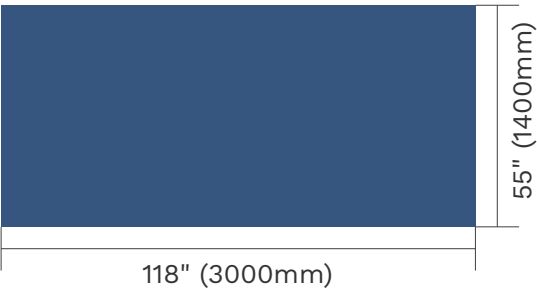
Real slab size: 127" (3230mm) * 64" (1630mm)



STD

Nominal slab size: 118" (3000mm) * 55" (1400mm)

Real slab size: 119" (3030mm) * 56" (1430mm)



Thickness: 12mm, 15mm, 18mm, 20mm, 30mm



PRODUCT PERFORMANCE DATA

TECHNICAL INFORMATION		
Specifications	Test Method	Results
Water Absorption	ASTM C97	0.07 %
Density	ASTM C97	2255 kg/m ³ - 2306 kg/m ³
Flexural Strength	ASTM C880	Dry: 34.8 - 63.2 Mpa Wet: 32.8 - 66.5 Mpa
Compressive Strength	ASTM C170	Dry: 228 - 248 Mpa Wet: 222 - 246 Mpa
Modulus of Rupture	ASTM C99	Dry: 40.6 - 70.2 Mpa Wet: 42.3 - 70.9 Mpa
Abrasion resistance(polished)	ASTM C241	32 - 39
Freeze-Thaw Resistance	ASTM C1026	No obvious damage Weight loss: 0.04%
Surface Burning	ASTM E84	Class A
Thermal Shock	ASTM C484	No visible defects
Coefficient of Linear Expansion	ASTM D4535	Average: 29.7×10 - 6/°C -34.1×10 - 6/°C
Static coefficient of friction(sawn)	ASTM C1028	Dry: 0.76 - 0.87 Wet: 0.62 - 0.64
Stain resistance test(polished)	ANSI Z124.6	Total stain resistance value: 45 - 50 Maximum individual depth of staining: 0.02mm - 0.10mm

NOTE: The values listed above are an average range of values from the different products evaluated and should only be used as a guideline.