



PRODUCT TECHNICAL INFORMATION

ZULITE SERIES

 linnstone

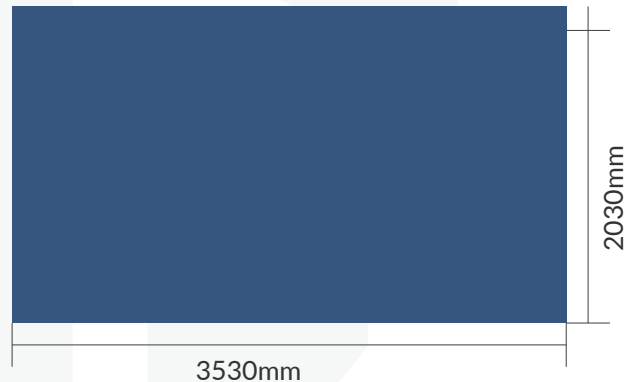
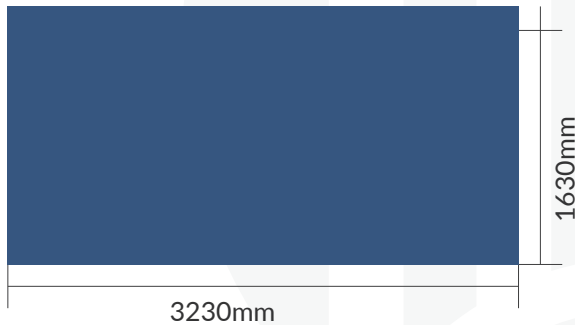


DESCRIPTION OF THE PRODUCT

Zulite is a Linnstone series of unique low-silica surfaces with less than 40% silica content that have been produced through considerable research and development work since 2018. Despite modifications in the product's composition, the durability of Zulite remains unaffected. Its performance is validated on a regular basis by SGS testing and other quality assurance techniques, and it has received certification from reputable organisations. These certificates attest to Zulite's quality and safety, making it a reliable market option. Furthermore, Zulite is environmentally beneficial and sustainable, as it is made with renewable electric energy, such as solar electricity, and recycled water. Furthermore, because Zulite can be applied to a variety of surfaces, including countertops, backsplashes, wall panels, vanity tops, flooring, and more, it is suited for a wide range of design projects. Zulite from Linnstone is a unique and premium solution for low silica surfaces, with proven quality, durability, and sustainability.

DIMENSIONS OF THE PRODUCT

Size: 3230 * 1630mm, 3530*2030mm



Thickness: 20mm, 30mm



DATA ON PRODUCT PERFORMANCE

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.