



# PRODUCT TECHNICAL DATA

Crystalline Silica Free Surfaces

---

zulitestone<sup>®</sup>

Tested by SGS



## INTRODUCTION

Zulitestone from Linnstone is a revolutionary Crystalline Silica Free Surface, engineered for high performance and safety during fabrication. This material retains its exceptional durability even with the inclusion of recycled materials and minerals. Zulitestone holds certifications from reputable organizations and undergoes regular performance verification through SGS testing and other quality assurance measures, ensuring it is a high-quality and safe option for the market. Environmentally friendly, zulitestone embodies ecological reliability by using sustainable resources like recycled water. Its versatility makes it ideal for applications such as countertops, backsplashes, wall paneling, vanity tops, flooring, and more.

Choose zulitestone from Linnstone: the innovative, superior choice for Crystalline Silica Free Surfaces. Experience the assured quality, durability, and sustainability for yourself.



Crystalline Silica Free



Durability



Certified



Sustainability



Various Applications

**PRODUCT PERFORMANCE DATA**

**Quartz Identification**

No.	Composition	Test method(s)	Content, Wt%
1	Crystalline Silica	FTIR and XRD	Characteristic peaks of crystalline silica were not found.

\* Note :

1. Wt%- weight percent.
2. Quantitative data is for reference only.

**Physical Properties**

No.	Test item(s)	Test method(s)	Test result(s)
1	Absorption by Weight	Refer to ASTM C97/C97M-18	0.04 %
	Density		2137 kg/m <sup>3</sup>
2	Mohs' Hardness	Refer to EN 15771:2010	5
3	Load Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.8.6	0.02mm
4	Point Impact Load Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.7	No cracks or chips
5	Stain Resistance Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.11	Passed
6	Cigarette Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.14	No visible damage

7	Chemical Resistance Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.15	Unaffected
8	Heated Pan Test	Refer to CSA B45.5-17/IAPMO Z124-2017 Section 5.23	No effect
9	Light Ageing Test-Xenon-arc Exposure	CSA B45.5-17/IAPMO Z124-2017 section 5.10 & ASTM D2565-16	Passed

Note: This document draws upon and is based on findings from a test report provided by SGS, with the report number XMIN2401000030CM01\_EN, dated 2024-01-23.