PRODUCT TECHNICAL DATA

Zero Crystalline Silica Surfaces

zulitestone®

Tested by SGS

SGS

INTRODUCTION

Zulitestone from Linnstone is an innovative Zero Crystalline Silica surface, researched and developed to ensure high performance and safe of fabrication.The durability of zulitestone is not compromised despite the changes made to the product's composition. These include certifications from reputable organizations and regular confirmation of its performance through SGS testing and other quality assurance measures. With such certifications, it means that zulitestone is a high-quality and safe option for the market. Besides, zulitestone is environmentally friendly and also represents the concept of ecological reliability, made with the help of renewable electric energy such as solar power and recycled water. Moreover, zulitestone is applicable to the following areas such as bench tops, splashbacks, wall paneling, vanity tops, flooring, and more, making it highly flexible to cover.

Zulitestone from Linnstone – The innovative, superior choice for Zero Crystalline Silica surfaces – Experience for yourself the assured quality, durability, and sustainability.

Zero Crystalline Silica

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/m3
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.