



# PRODUCT TECHNICAL DATA

Crystalline Silica Free Surfaces

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zulitestone<sup>®</sup>

Tested by SGS



## INTRODUCTION

Zulitestone from Linnstone is an innovative Crystalline Silica Free Surfaces, 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 Crystalline Silica Free Surfaces – Experience for yourself the assured quality, durability, and sustainability.



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.