



**NATA TEST REPORT NO.: 8554**

**Report Date:** 17<sup>th</sup> July 2024  
**Client:** SAI Sandstone  
**Address:** 5 Hamilton Street  
Oakleigh VIC, 3166  
**Attention:** Bob Lu & Jessie Weng  
**By Email:** [bob@saistone.com.au](mailto:bob@saistone.com.au)  
[jessie@saistone.com.au](mailto:jessie@saistone.com.au)  
**Sample(s):** 1 x Limestone Pavers (5 units)  
**Sampled By:** Client  
**Lab Number(s):** 24/N/2085  
**Client Reference:** Moon Light Grey  
**BMRL NATA No.:** 658  
**Date Received:** 4<sup>th</sup> June 2024  
**Project:** Testing of Stone



**Notes:**

*This laboratory was not involved with, consulted, or requested to undertake sampling of the specimens provided, and testing of those test specimens has been conducted as received in the laboratory.*

*Accordingly, no responsibility is taken for the integrity, authenticity, appropriateness, or representativeness, of any of the test specimens provided and this must be taken into account when reviewing, comparing or checking the test results published in this report.*

*Unless otherwise notified, all samples will be disposed of in three months from reporting date.*


Yours faithfully,

**Sharp and Howells Pty. Ltd.**

Joshua Wong  
BBiotech (Hons), MRACI  
**Laboratory & Field Technician**

Pietro Barilla  
BSc. (PhD), MRACI, C.Chem.  
**Senior Scientist**

## 1. SAMPLE DETAILS:

|                             |   |
|-----------------------------|---|
| <b>Lab Number:</b>          | 24/N/2085   |
| <b>Sample Markings:</b>     | Moon Light Grey   |
| <b>Date of Manufacture:</b> | Unknown   |
| <b>Type of Unit:</b>        | Limestone   |
| <b>Test Sizes, mm:</b>      | 50 ± 2 mm x 25 ± 2 mm x 16 ± 5 mm   |
| <b>Photo:</b>               |  |

## 2. TESTING METHODOLOGY:

The following tests were conducted, with results classified according to AS 4455 where applicable:

**Test:**

Resistance to Salt Attack

**Method:**

AS 4456.10 – Method B

### 3. RESULTS OF TESTING:

#### 3.1 Resistance to Salt Attack: (AS 4456.10)

|                                  |  |
|----------------------------------|--|
| <b>Lab Number:</b>               | <b>24/N/2085</b>   |
| <b>Sample Marked:</b>            | <b>Moon Light Grey</b>                                       |
| <b>Method Used:</b>              | Method B   |
| <b>Test Solution:</b>            | NaCl   |
| <b>Test Commencement Date:</b>   | 12/06/2024   |
| <b>Test Completion Date:</b>     | 15/07/2024   |
| <b>Specimen No.:</b>             | <b>Mass Lost, g:</b>   |
| 1                                | < 0.1  |
| 2                                | 0.1  |
| 3                                | 0.2  |
| 4                                | 0.2  |
| 5                                | 0.1  |
| <b>Average Lost:</b>             | <b>0.2</b>   |
| <b>Description of Damage:</b>    | Exfoliation  |
| <b>Test Stopped After Cycle:</b> | 40   |
| <b>Rating:</b>                   | <b>Exposure Grade</b><br><i>(Table 2.7 AS 4455.2 – 2010)</i> |

Note: Specimens didn't meet the dimension requirements for Method A. Method B would be considered "Worst Case Scenario" used for a Limestone product as the exposure is harsher than Method A.