



**IPAL TEST REPORT NUMBER:**

**IPAL-0488-24**

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**TEST REQUESTED BY:**

**Russell Stone Products**

**TEST METHOD:** **ASTM E1980: "Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces"**

Informal Test Method Description: This practice covers the calculation of the Solar Reflectance Index (SRI) of horizontal and low-sloped opaque surfaces at standard conditions. The method is intended to calculate SRI for surfaces with emissivity greater than 0.1. See ASTM E1980 for all method details and information.

**TEST SUBJECT MATERIAL:**

Identified by client as: **"Roaring Run"**  
Approximate Size as Received: 6" x 6"

**TEST DATE:**

7/17/2024

**TEST PROCEDURE NOTES:**

- Sample prep: Sample was cleaned with alcohol prior to testing.
- The solar reflectance of the test subject material was determined using the ASTM C1549 test method.
- The thermal emittance of the test subject materials was determined using the ASTM C1371 test method.
- The results from ASTM C1549 and C1371 were used to calculate the solar reflectance index (SRI).

**TEST RESULTS:**

Solar Reflectance %	34%
Thermal Emittance	0.87
Solar Reflectance Index (12 W·M <sup>-2</sup> ·K <sup>-1</sup> )	36.36

**COMMENTS:** None



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**IMAGE OF PRODUCT TESTED:**







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7/26/2024

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