

CERTIFIED COLOR CORPORATION

SOLAR REFLECTANCE INDEX TEST REPORT

SCOPE OF WORK

SRI TESTING PER ASTM C1371, ASTM C1549, AND ASTM E1980 ON CERTI-
IX/SUNSHIELD PRO

REPORT NUMBER

T3019.01-301-41 R0

TEST DATE(S)

11/20/25

ISSUE DATE

12/05/25

RECORD RETENTION END DATE

11/20/29

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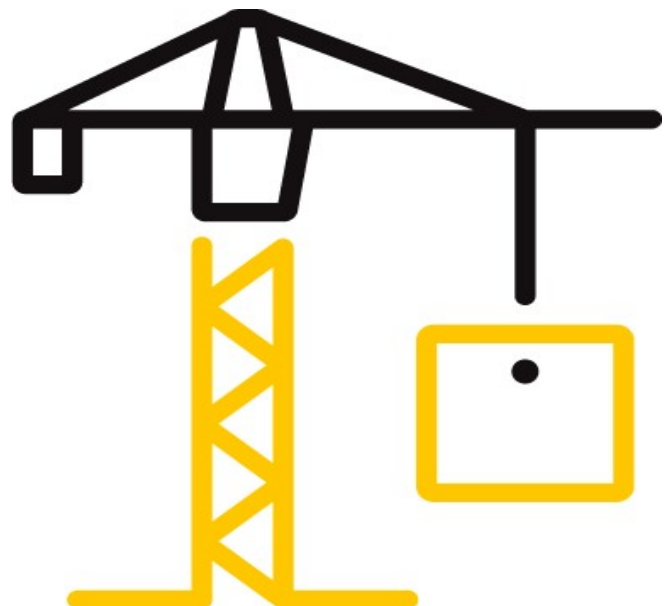
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TEST REPORT FOR CERTIFIED COLOR CORPORATION

Report No.: T3019.01-301-41

Date: 12/05/25

REPORT ISSUED TO

CERTIFIED COLOR CORPORATION

1441 W. Collins Ave.

Orange, California 92867

SECTION 1

SCOPE

Intertek Building & Construction (B&C) was contracted by Certified Color Corporation to perform SRI testing in accordance with ASTM C1371, ASTM C1549, and ASTM E1980 on their Certi-IX/SunShield Pro, Roof Coating . Results obtained are tested values and were secured by using the designated test method. Testing was conducted at the Intertek B&C test facility in Fresno, California.

This report does not constitute certification of this product nor an opinion or endorsement by this laboratory.

SECTION 2

SUMMARY OF TEST RESULTS

| | |
|----------------------|------------------------|
| Type: | Roof Coating |
| Series/Model: | Certi-IX/SunShield Pro |
| Unit Size: | 4" x 6" |

For INTERTEK B&C:

COMPLETED BY Lucas Jawien

TITLE Technician II

SIGNATURE

DATE 12/05/25

LJ:ss

REVIEWED BY Tyler Westerling, P.E.

TITLE Regional Manager

SIGNATURE

DATE 12/05/25

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SECTION 3

TEST METHOD(S)

The specimens were evaluated in accordance with the following:

ASTM C1371-04a(2010)e1*, *Standard Test Method for Determination of Emittance of Materials Near Room Temperature Using Portable Emissometers*

ASTM C1549-09(2014), *Standard Test Method for Determination of Solar Reflectance Near Ambient Temperature Using a Portable Solar Reflectometer*

ASTM E1980-11, *Standard Practice for Calculating Solar Reflectance Index of Horizontal and Low-Sloped Opaque Surfaces*

* ASTM E1980 references ASTM E408 for emissivity testing. The samples tested were determined to be acceptable for the ASTM C1371 test method.

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SECTION 4

MATERIAL SOURCE/PREPARATION

Test samples were provided by the manufacturer. Detailed drawings, representative samples of the test specimen, and a copy of this report will be retained by Intertek B&C for a minimum of four years from the test completion date.

SECTION 5

EQUIPMENT

Temperature: 72 °F

Relative Humidity: 30%

| ICN/ASSET # | DESCRIPTION | ASSIGNED EMITTANCE VALUE | CALIBRATION DATE |
|-------------|-----------------------------------|-----------------------------|---------------------|
| SN 159 | Reflectance Standard, Model SSR-E | | Prior to Testing |
| 5738 | Thermal Emittance Standard, Model | | Prior to Testing |

SECTION 6

LIST OF OFFICIAL OBSERVERS

| NAME | COMPANY |
|--------------|--------------|
| Lucas Jawien | Intertek B&C |

SECTION 7

TEST PROCEDURE

The test procedure was conducted in accordance with ASTM C1371, ASTM C1549, and ASTM E1980 test methods. Three thermal emittance measurement was taken on each sample. Three solar reflectance measurements were taken on each sample and the average was used to calculate the SRI for each sample.

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SECTION 8

TEST SPECIMEN DESCRIPTION

| | |
|---------------------------|---|
| MANUFACTURER | Certified Color Corporation |
| PRODUCT TYPE | Roof Coating |
| SERIES/MODEL | Certi-IX/SunShield Pro |
| Unit Description | White coating applied on aluminum substrate |
| UNIT SIZE | 4" x 6" |
| THICKNESS | 0.038" |
| COATING | N/A |
| TEXTURE | flat and smooth |
| SURFACE CONTOUR | N/A |
| OPTICAL PROPERTIES | N/A |

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SECTION 9

TEST RESULTS

Test Date: 11/20/25

Test Start Time: 11:00:00 AM

Test End Time: 1:00:00 PM

Temperature: 72 °F / 22 °C

| ASTM C1549 (Solar Reflectance) | | | | | |
|---------------------------------|-------|-------|-------|---------|----------|
| SPECIMEN | 1 | 2 | 3 | Average | Std. dev |
| Certi-IX/Sunshield Pro | 0.825 | 0.814 | 0.835 | 0.825 | 0.00858 |

| ASTM C1371 (Thermal Emittance) | | | | | |
|---------------------------------|-------|-------|-------|---------|----------|
| SPECIMEN | 1 | 2 | 3 | Average | Std. dev |
| Certi-IX/Sunshield Pro | 0.858 | 0.846 | 0.863 | 0.856 | 0.00713 |

Estimated Uncertainty: 3.57%

This was determined using ANSI/NCSL Z540-2-1997 type B evaluation as described in section 4.3 of the specification. For assumptions used for this calculation or for a description of the procedure contact the "Individual-In-Responsible-Charge (IIRC)" that signed this report.

| SPECIMEN | ASTM C1371 EMITTANCE | ASTM C1549 REFLECTANCE |
|------------------------|----------------------|------------------------|
| Certi-IX/Sunshield Pro | 0.856 | 0.825 |

| SPECIMEN | LOW WIND SRI 5 W/m²K | MEDIUM WIND SRI 12 W/m²K | HIGH WIND SRI 30 W/m²K |
|------------------------|-------------------------|-----------------------------|---------------------------|
| Certi-IX/Sunshield Pro | 102 | 102 | 103 |

Note: LEED uses Medium Wind. LEED credit @ SRI 27.

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SECTION 10
CONCLUSION

The test specimen has been submitted by the client for the purpose of calculating the combined test values of reflectivity and emissivity for the Solar Reflectance Index (SRI).

SECTION 11
PHOTOGRAPHS



Photograph No.1
Front View



Photograph No.2
Rear View

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SECTION 12

REVISION LOG

| REVISION # | DATE | PAGES | REVISION |
|------------|----------|-------|-----------------------|
| 0 | 12/05/25 | N/A | Original Report Issue |