



# PRODUCT TESTING SERVICE

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TCNA TEST REPORT NUMBER:

TCNA-656-14

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TEST REQUESTED BY:

Eurowest Decorative Surfaces

TEST METHOD:

ASTM E1980: "Solar Reflective Index"

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.

This summary is provided for the reader's convenience and is not a complete description of the method. See ASTM E1980 for all method details and information.

TEST SUBJECT MATERIAL:

Identified by client as: "Plane Collection – Extra Vena"  
Approximate Size as Received: 12"x12"

TEST DATE:

11/14/2014

TEST PROCEDURE:

- Sample prep: None
- Testing was performed by Momentum Technologies an A2LA ISO 17025 accredited laboratory.
- The solar reflectance of the test subject material was determined using the ASTM C1549 test method.
- The thermal emittance of the test subject material was determined using the ASTM C1371 test method.
- The results from ASTM C1549 and C1371 were used to calculate the solar reflective index (SRI)

TEST RESULTS:

Solar Reflectance %	80.9%
Thermal Emittance	0.85
Solar Reflective Index (12 W-M <sup>-2</sup> -K <sup>-1</sup> )	100

COMMENTS: None

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Laboratory Manager

11/17/2014

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