Architectural Testing

VISIBLE & ULTRAVIOLET LIGHT TRANSMITTANCE TEST REPORT

Rendered to:

CLEAR FOCUS IMAGING

SERIES/MODEL: Four Samples
PRODUCT TYPE: Window Film on 3/16" Glass

Report No.:	**99630.01-301-41**
Test Date:	**03/26/10**
Report Date:	**04/23/10**
Revision 1 Date:	**04/30/10**

2524 E. Jensen Ave
Fresno, CA 93706
phone: 559-233-8705
fax: 559-233-8360
www.archtest.com

Architectural Testing

VISIBLE & ULTRAVIOLET LIGHT TRANSMITTANCE

Rendered to:

Clear Focus Imaging
60 Maxwell Court
Santa Rosa, California 95401

Report No.:	99630.01-301-41
Test Date:	03/26/10
Report Date:	04/23/10
Revision 1 Date:	04/30/10

Test Sample Identification:

Series/Model: Four Samples

Type: Window Film on 3/16" Glass

Shade Size: 39" x 39"

Test Procedure: Visible and Ultraviolet Light Transmittance and Reflectance testing was conducted in accordance with the following:

ASTM E 972, *Standard Test Method for Solar Photometric Transmittance of Sheet Materials Using Sunlight.*

ASTM E 1084, *Standard Test Method for Solar Transmittance (Terrestrial) of Sheet Materials Using Sunlight.*

ASHRAE 74-1988: *Method of Measuring Solar-Optical Properties of Materials (sec C, D, & E)*

Summary of Results*				
	SunSecure®	ClassicVue®	ImageVue®	Supervue®
VLT	0.32	0.43	0.29	0.49
UVT	0.92	0.92	0.89	0.93

* These values do not include the effects of edge or frame members

2524 E. Jensen Ave
Fresno, CA 93706
phone: 559-233-8705
fax: 559-233-8360
www.archtest.com

Test Sample Description:

1	CLEAR FOCUS SunSecure® non-printable, interior-mount, pressure-sensitive film with a 65/35 perforation pattern (35% open) and 0.06 in. (1.5mm) holes; applied to 3/16" clear glass
2	CLEAR FOCUS ClassicVue® exterior-mount, pressure-sensitive film with a 50/50 perforation pattern and 0.06 in. (1.5mm) holes; applied to 3/16" clear glass
3	CLEAR FOCUS ImageVue® exterior-mount, pressure-sensitive film with a 65/35 perforation pattern (35% open) and 0.06 in. (1.5mm) holes; applied to 3/16" clear glass
4	CLEAR FOCUS SuperVue® exterior-mount, pressure-sensitive film with a 50/50 perforation pattern and 0.08 in. (2.0 mm) holes; applied to 3/16" clear glass

Test Condtions:

Ambient Air Temperature	**65 ºF**
Angle of Incidence	**Normal (90º)**
Solar Illuminence	**107,000 Lux**
Number of Measurements	**10**

The photometric sensor is Skye Instruments Ltd serial number SKL 310 0604 27826. The UVA sensor is Skye Instruments Ltd serial number SKU 420 0604 27827. The UVB sensor is Skye Instruments Ltd serial number SKU 430 0604 27828. The voltmeter was last calibrated 08/24/09.

The estimated uncertainty for this test is<5%

The uncertainty was determined using ANSI/NCSL Z540-2-1997 type A evaluation as described in section 4.2 of this specification. For assumptions used for this calculation or for a description of the procedure please contact the individual signing this report.

Representative samples of the test specimen(s), and a copy of this report will be retained by Architectural Testing for a period of four years from the original test date. This report is the exclusive property of the client so named herein and is applicable to the sample tested. Results obtained are tested values and do not constitute an opinion or endorsement by this laboratory. This report may not be reproduced, except in full, without approval of Architectural Testing, Inc.

For ARCHITECTURAL TESTING, INC.

Tyler Westerling /m.s.
Digitally Signed for: Tyler Westerling by Marisela Saavedra

Tyler Westerling, P.E.
Project Engineer

Leaton Kirk /m.s.
Digitally Signed for: Leaton Kirk by Marisela Saavedra

Leaton Kirk
Director of Regional Operations

TW:he

Revision Log

Rev. #	Date	Page(s)	Revision(s)
0	04/23/10	All	Original Report Issue. Work requested by Judy Bellah of Clear Focus Imaging
1	04/30/10	1, 2	Corrected series/model and added registered trademark symbols
1	04/30/10	3	Corrected typo