

ASSOCIATED LABORATORIES, INC.

Consultants and Technologists / Quality Control Engineers / Consumer Certification Programs
1323 Wall Street, P.O. Box 152837, Dallas, Texas 75315 • (214) 565-0593

Ventana USA
6001 Enterprise Dr.
Export, PA 15632

Date: December 22, 2009

Attn: Mark Yeager

SEALED INSULATING GLASS NOTICE OF CERTIFICATION AUTHORIZATION

Test Method: ASTM E 2188-02
Specification: ASTM E 2190-08

The sealed insulating glass described below is hereby approved for listing in the next issue of the A-L-I Certified Products Directory. The approval is based on successful completion of tests by Dallas Laboratories, Inc. in Dallas, TX.

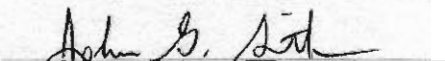
Plant Code	Type of Seal	Sealant	Desiccant	Spacer	Corner	Gas Fill
VPC-1	Single	Hot Melt Butyl	Mol. Sieve	Silicone Foam	Folded	Argon

Test Report No: 41068

Date Test Completed: September 30, 2009

Certification Expiration Date: March 30, 2011

Associated Laboratories, Inc.


John G. Smith, President

ALI FORM 994

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ASSOCIATED LABORATORIES, INC.

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1323 Wall Street, P.O. Box 152837, Dallas, Texas 75315 • (214) 565-0593

Manufacturer: Ventana USA
Address: 6001 Enterprise Dr.
City, State, Zip: Export, PA 15632
Telephone No.: (724) 325-3400
Attention: Mark Yeager

Code: VPC-1
Date: September 30, 2009
Report: 41068

Description of Test Specimen:

Size (width by height): 14" x 20"
Type of Spacer: Silicone Foam (Edgetech).
Type and amount of desiccant: Mol. Sieve contained in sealant.
Type of Sealant(s): Hot Melt Butyl (H.B. Fuller HM-1091-125).
Other Features: Corners folded.
Manufactured Date: January 27, 2009

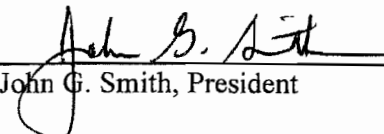
TEST METHOD: ASTM E 2188-02

SPECIFICATION: ASTM E 2190-08

Specimen Number	Initial Frost Point (°F)	Fogging Test ASTM E 2189-02	High Humidity 14 Days (°F)	Weather Cycling 63 Days (°F)	High Humidity 28 Days (°F)	Argon Concentration ASTM 2649-09 Initial / Final
1	<-85°		<-85°	<-85°	<-85°	96% / 94%
2	<-85°		<-85°	<-85°	<-85°	97% / 95%
3	<-85°		<-85°	<-85°	<-85°	95% / 93%
4	<-85°		<-85°	<-85°	<-85°	97% / 95%
5	<-85°		<-85°	<-85°	<-85°	96% / 94%
6	<-85°		<-85°	<-85°	<-85°	95% / 90%
7						Average: 96% / 94%
8						
9		Passed				
10		Passed				

These results indicate compliance with the ASTM E 2190-08 requirements.

ASSOCIATED LABORATORIES, INC.


John G. Smith, President