

# 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

**Manufacturer:** Superior Windows/Div. of Superior Metal Products Co., Inc.  
**Address:** 116 Citation Court  
**City, State, Zip:** Birmingham, AL 35062  
**Telephone No.:** 205-945-1200  
**Attention:** Brandon Searcy

**Code:** SUP-1  
**Date:** September 16, 2010  
**Report:** 42567

**Description of Test Specimen:**

**Size (width by height):** 14" x 20"  
**Type of Spacer:** Fluted Aluminum.  
**Type and amount of desiccant:** Mol. Sieve contained in sealant.  
**Type of Sealant(s):** Butyl (Truseal Duraseal).  
**Other Features:** Corners bent. Low-E glass with edge deletion.  
**Manufactured Date:** February 18, 2010

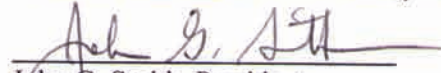
**TEST METHOD: ASTM E 2188-02**

**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 E 2649-09 Initial/Final
1	<-85°		<-85°	<-85°	<-85°	98% / 97%
2	<-85°		<-85°	<-85°	<-85°	99% / 98%
3	<-85°		<-85°	<-85°	<-85°	95% / 92%
4	<-85°		<-85°	<-85°	<-85°	95% / 94%
5	<-85°		<-85°	<-85°	<-85°	98% / 96%
6	<-85°		<-85°	<-85°	<-85°	97% / 95%
7						Average: 97% / 95%
8						
9		Passed				
10		Passed				

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

ASSOCIATED LABORATORIES, INC.

  
 John G. Smith, President



(Validator / Operations Administrator)



### AAMA/ALI INSULATING GLASS CERTIFICATION PROGRAM

**Superior Windows/Div. of Superior Metal Products Co., Inc.  
116 Citation Court  
Birmingham, AL 35062**

**Attn: Brandon Searcy**

#### 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 current AAMA/ALI Certified Products Directory.

Plant Code	Sealant	Desiccant	Spacer	Corner	Low-E	Gas Fill
SUP-1	Butyl	Mol. Sieve	Fluted Aluminum	Bent	Yes (E/D)	Argon

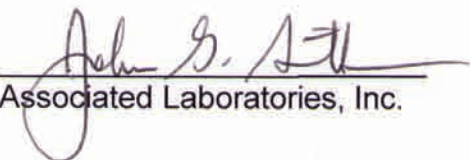
Test Laboratory: **Dallas Laboratories, Inc.**

Test Report No: **42567**

Date Test Completed: **September 16, 2010**

Certification Expiration Date: **March 16, 2012**

Date: **September 30, 2010**

  
Associated Laboratories, Inc.