

CLIENT: ELEGANT WINDOWS, INC.

3709 E. Randol Mill Rd., Ste. 200
Arlington, TX 76011
David Liu

Test Report No: RJ0516-1

Date: January 27, 2010

SAMPLE ID: The Client submitted and identified the following test material as 6" Solid Rail (SKU SR 60).

DATE OF RECEIPT: Samples were received on January 5, 2010.

TESTING PERIOD: January 27, 2010.

AUTHORIZATION: Testing authorized by David Liu.

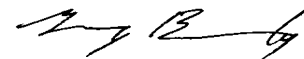
TEST REQUESTED: The sample material was tested in accordance with the procedures outlined in NFPA 701 Fire Test 1 (small) 2004 Edition "Standard Methods of Fire Tests for Flame-Resistant Textiles and Films".

TEST RESULTS: **Pass.** See page 2 for detailed results. See page 2 for Performance Criteria.

Prepared By


Brian Ortega
Test Technician

**Signed for and on behalf of
QAI Laboratories Inc.**


Greg Banasky
Supervisor Fire Technology

CLIENT: ELEGANT WINDOWS, INC.

3709 E. Randol Mill Rd., Ste. 200
Arlington, TX 76011
David Liu

Test Report No: RJ0516-2

Date: January 27, 2010

SAMPLE ID: The Client submitted and identified the following test material as 3.5" Solid Rail (SKU SR 35).

DATE OF RECEIPT: Samples were received on January 5, 2010.

TESTING PERIOD: January 27, 2010.

AUTHORIZATION: Testing authorized by David Liu.

TEST REQUESTED: Flammability in accordance with the procedures outlined in California Administrative Code, Title 19, Section 1237.1 Original Condition.

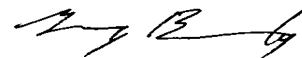
TEST RESULTS: **Pass.** See page 2 for detailed results. See page 2 for Performance Criteria.

Prepared By



Brian Ortega
Test Technician

**Signed for and on behalf of
QAI Laboratories Inc.**



Greg Banasky
Supervisor Fire Technology



TEST RESULTS: 3.5" Solid Rail (SKU SR 35)

<u>Specimen No.</u>	<u>After Flame (seconds)</u>	<u>After Glow (seconds)</u>	<u>Char Length (inches)</u>
1	0	0.0	<1/2"
2	0	0.0	<1/2"
3	0	0.0	<1/2"
4	0	0.0	<1/2"
5	0	0.0	<1/2"
6	0	0.0	<1/2"
7	0	0.0	<1/2"
8	0	0.0	<1/2"
9	0	0.0	<1/2"
10	0	0.0	<1/2"

REQUIREMENTS:

Current

Proposed

After Flame Time:	-Avg. -Individual	No Requirement 2.0 sec. max.	4 sec. max. No Requirement
Char length:	-Avg. -Individual	No Requirement 6.0 inch max.	No Requirement 6.0 inch max.
After Glow:	No requirements for "After Glow".		



TEST RESULTS: 6" Solid Rail (SKU SR 60).

Specimen No.	Initial Weight, g.	Final Weight, g.	Weight Loss, g.	Percent Weight Loss	Time of Flaming of pieces on floor (seconds)
1	872	871	1	0.1	0
2	870	869	1	0.1	0
3	875	874	1	0.1	0
4	869	867	2	0.2	0
5	871	870	1	0.1	0
6	870	869	1	0.1	0
7	868	866	2	0.2	0
8	874	873	1	0.1	0
9	871	870	1	0.1	0
10	873	871	2	0.2	0
0.1 Average Percent Weight Loss					
0.1 Standard Deviation					
0.0 Average Time of Flaming of Pieces on the Floor (seconds)					

PERFORMANCE CRITERIA

- 1) Where fragments or residues of specimens that fall to the floor of the test chamber continue to burn for more than an average of 2 seconds per specimen for the sample of 10 specimens, the material shall be recorded as failing the test.
- 2) Where the average weight loss of the 10 specimens in a sample is greater than 40 percent, the material shall be recorded as failing the test.