QAI LABORATORIES
CERTIFICATION TESTING INSPECTION

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CLIENT: MEZA COMMODITIES U.S.A
26525 Ruether Avenue
Santa Clarita, CA 91350
Moe Elkateb

Test Report No: RJ2989-1	Date: January 10, 2014

SAMPLE ID: The test samples are identified as Thermo Lock Stucco Insulation. Nominal 1 ½" thick.

SAMPLING DETAIL: Test samples were submitted to the laboratory directly by the client. No special sampling conditions or sample preparation were observed by QAI.

DATE OF RECEIPT: Samples were received at QAI on January 02, 2014.

TESTING PERIOD: January 10, 2014.

AUTHORIZATION: Testing authorized by Moe Elkateb.

TEST REQUESTED: Perform standard flame spread and smoke density developed classification tests on the sample supplied by the Client in accordance with ASTM Designation E84-13a "Standard Method of Test for Surface Burning Characteristics of Building Materials". The foregoing test procedure is comparable to UL 723, ANSI/NFPA No. 255, and UBC No. 8-1.

TEST RESULTS:

Flame Spread	Smoke Developed
0	0

Detailed test results are presented in the subsequent pages of this report

Prepared By

Brian Ortega
Test Technician

Signed for and on behalf of QAI Laboratories, Inc.

Greg Banasky
Senior Test Technician

PREPARATION AND CONDITIONING: The sample material was submitted in six pieces, 24" wide by 4' feet long.
CONDITIONING: The test specimen was conditioned to a constant weight at a temperature of 73.4 ± 5º F (23 ± 2.8º C) and a relative humidity of 50 ± 5 %...

CEMENT BOARD PLACEMENT: The 1/4" cement boards were placed between the test specimen and the chamber lid.

E 84 TEST DATA SHEET:

CLIENT: Meza Commodities. Date: 01-09-2014

SAMPLE: Thermo Lock Stucco Insulation. Nominal 1 ½" thick

FLAME SPREAD:

IGNITION: Did not ignite.

FLAME FRONT: 0

TIME TO MAXIMUM SPREAD: 0

TEST DURATION: 10 minutes.

CALCULATION: N/A

OBSERVATIONS: Slight Surface discoloration was observed during testing.

SUMMARY: FLAME SPREAD: 0 **SMOKE DEVELOPED:** 0 (2.33)

SUMMARY OF ASTM E84 RESULTS: Because of the possible variations in reproducibility, the results are adjusted to the nearest figure divisible by 5. Smoke Density values over 200 are rounded to the nearest figure divisible by 50.

In order to obtain the Flame Spread Classification, the above results should be compared to the following table:

NFPA CLASS	IBC CLASS	FLAME SPREAD	SMOKE DEVELOPED
A	A	0 through 25	Less than or equal to 450
B	B	26 through 75	Less than or equal to 450
C	C	76 through 200	Less than or equal to 450

BUILDING CODES CITED:
1. National Fire Protection Association, ANSI/NFPA No. 101, "Life Safety Code".
2. International Building Code, Chapter 8, Interior Finishes, Section 803.