

CLIENT: U-Stucco USA, LLC
13488 Maxella Ave., #520
Marina del Ray, CA 90292

Progress Report No: RJ3500-3

Date: October 21, 2014

SAMPLE ID: Light Weight Stucco Insulation

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 Laboratories on September 9, 2014.

AUTHORIZATION: QAI Test Proposal MB-2014-072301 dated July 23, 2014 signed by Onur Topcu of U-Stucco USA, LLC on September 9, 2014.

TESTING PERIOD: September 12, 2014.

TEST REQUESTED: Thermal properties test per ASTM C 518-10, *Standard Test Method for Steady-State Thermal Transmission Properties by Means of the Heat Flow Meter Apparatus.*

TEST PROCEDURE: Three 12" (305mm) square test specimens were prepared for the test. The test specimens were individually placed horizontally in a Netzsch Inc. Q-Lab Thermal Conductivity Test Apparatus at the specimens thermal properties determined in accordance with ASTM C518.


TEST RESULTS: Test results are provided on page 2 of this report.

Prepared By

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



David Royer
Laboratory Technician



Larry Burmer
Project Leader-Physical Testing

THERMAL PROPERTIES TEST PER ASTM C518

Test Results

Specimen #	Average Thickness	Mean Test Temp.	Delta T	Thermal Conductivity (K)	Thermal Resistance (R)
	(inch)	(°F)	(°F)	(Btu·in/ft ² ·°F·h)	(°F·ft ² ·h/Btu)
1	1.00	76.4	50.3	0.61	2.18
2	1.00	76.2	50.4	0.60	2.22
3	1.00	76.1	50.5	0.59	2.27
Average	***	76.2	50.4	0.60	2.22

Specimen #	Average Thickness	Mean Test Temp.	Delta T	Thermal Conductivity (K)	Thermal Resistance (R)
	(cm)	(°C)	(°C)	(W/m·°K)	(m ² ·°K/W)
1	2.54	24.7	27.9	0.09	0.38
2	2.54	24.6	27.9	0.08	0.40
3	2.54	24.5	28.0	0.08	0.40
Average	***	24.6	27.9	0.08	0.39

******End of Report******