Miami-Dade County, Florida
DEPARTMENT OF REGULATORY AND ECONOMIC RESOURSCES
BOARD AND CODE ADMINISTRATION DIVISON
PRODUCT CONTROL SECTION
11805 S.W. 26 Street-Room 208
Miami, Florida 33175-2474
T (786) 315-2590 Fax (786) 315-2599

Laboratory Certificate

MIAMI-DADE COUNTY APPROVED

This certifies that Ronald Ogawa & Associates, Inc. located at 1985 Sampson Avenue, Corona, CA 92879 is an approved Testing Laboratory in accordance with Miami-Dade County Department of Regulatory and Economic Resources and Protocol TAS301-94, and is Certified to perform the following tests:

TAS101
TAS102
TAS102(A)
TAS112
ASTM C1167
ASTM C1492
ASTM E330
SSTD 11-99 (Except Sec. 800 & 900)
UL 2218
IAS Certificate TL-360

Results of the above mentioned test shall be properly submitted to the Miami-Dade County Department of Regulatory and Economic Resources per TAS301-94, along with all other documentation required for the approval of products. Approved engineer(s) for this laboratory:

Ronald I. Ogawa, P.E.

This Certification and Registration Approved: **November 01, 2012**
This Certification and Registration Expires : **November 01, 2017**

Certification No. : **12-1002.25**

Jaime D. Gascon, P.E.
Product Control Section Supervisor
Product Control Section

Americo Segura, M.S.
Quality Assurance Unit Supervisor
Product Control Section

The Miami-Dade County Department of Regulatory and Economic Resources reserves the right to remove this certification for non-compliance with rules and regulations as set by Protocol TAS301-94.

International Accreditation Service

SCOPE OF ACCREDITATION

RI Ogawa & Associates, Inc. TL-360

RI Ogawa & Associates
1985 Sampson Avenue
Corona, CA 92879

Ronald I. Ogawa
President
714-292-2602

FIELDS OF TESTING	ACCREDITED TEST METHODS
Physical testing of roof tile and materials; testing of exterior wall coatings	ASTM Standards C 67 (Freeze-Thaw only), C 140, C 1167, C 1371, C 1492, C 1549, E 330 and E 1918; Test methods referenced in Section 3.0 (except 3.5 and 3.6) of ICC ES Acceptance Criteria AC180, AC11 Section 3.0 and 4.0 (except 3.2.1, 3.2.3, 4.1 and 4.3, ASTM C 109), AC90 Sections 3.2 and 3.6 only, AC191 Sections 3.0 and 4.1 (except 3.2, 3.3, 3.4, 3.7 .1, 3.7.2, 3.7.6 and 3.7.7); UL Standard 2218 (except 6.4 and 7.2)

February 7, 2011
Commencement Date

ACCREDITED

C. P. Ramani, P.E.
President

Print Date: 03/02/2011

This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation or revocation of accreditation. See the IAS Accreditation Listings on the web at www.usanlive.org for current accreditation information, or contact IAS directly at (562) 699-0541.

IAS is a subsidiary of the International Code Council®.

International Accreditation Service

CERTIFICATE OF ACCREDITATION

This is to signify that

RI OGAWA & ASSOCIATES, INC.
1985 SAMPSON AVENUE
CORONA, CALIFORNIA 92879

Testing Laboratory TL-360

has met the requirements of the IAS Accreditation Criteria for Testing Laboratories (AC89), has demonstrated compliance with ANS/ISO/IEC Standard 17025:2005, *General criteria for the competence of testing and calibration laboratories*, and has been accredited, commencing February 7, 2011, for the test methods listed in the approved scope of accreditation.

Patrick V. McCullen
Vice President

C. P. Ramani, P.E.
President

ilac-MRA

ACCREDITED

(see attached scope of accreditation for fields of testing and accredited test methods)

Print Date: 03/02/2011

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INTERNATIONAL CODE COUNCIL