

International Accreditation Service, Inc.

CERTIFICATE OF ACCREDITATION

This is to signify that

TRINITY | ERD

10 MAUNEY COURT
COLUMBIA, SOUTH CAROLINA 29201

Testing Laboratory TL-199

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 October 7, 2008, for the test methods listed in the approved scope of accreditation.



Patrick V. McCullen
Vice President



C. P. Ramani, P.E.
President

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

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.iasonline.org for current accreditation information, or contact IAS directly at (562) 699-0541. Print Date: 12/01/2008

International Accreditation Service, Inc.

SCOPE OF ACCREDITATION

Trinity| ERD TL-199

Trinity| ERD
10 Mauney Ct.
Columbia, SC 29201

Larry Good
Laboratory Quality Manager
(803) 988-8133

| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|--|---|
| Roofing systems, roof underlayment, weather resistive materials and flashing materials | ASTM Standards C 120, C 121, C 127, C 217, C 273, C 365, C 393, C 406, D 5206, E 96 E 907 and E 2178; Dade County Protocols TAS 101, 102, 102(A), 103, 104, TAS 105, 110 [Section 8 only (see scope under Physical Properties for exceptions to individual standards covered by Section 8 of TAS 110)] and 114, TAS 122; 1997 UBC Standards 14-1 and 15-6; SBCCI Standard SSTD 11-99; Test methods referenced in Section 6.0 of ICC-ES Acceptance Criteria AC08, Test methods referenced in Sections 6.4, 6.5, 6.6 and 6.8 of ICC-ES Acceptance Criteria AC24, Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC38, Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC48, Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC75 (except Section 4.4), Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC148, Test methods referenced in Section 4.0 |

October 7, 2008
Commencement Date


C. P. Ramani, P.E.
President

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| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|---|--|
| Roofing systems, roof underlayment, weather resistive materials and flashing materials(continued) | of ICC-ES Acceptance Criteria AC160, Test methods referenced in Section 3.0 of ICC-ES Acceptance Criteria AC165, Test methods referenced in Section 3.0 of ICC-ES Acceptance Criteria AC188, Test methods referenced in Sections 4.1, 4.2, 4.3, 4.4 and 4.7 of ICC-ES Acceptance Criteria AC209, FM Standards 4454 (appendix D) and 4470 (appendices C, D, F, G and K) |
| Roof tiles | ASTM Standard C 1167; 1997 UBC Standard 15-5; Test methods referenced in Sections 3.1 (not ASTM D 2856), 3.2.1, 3.2.6, 3.4.2, 3.4.3 and 3.4.5 of ICC-ES Acceptance Criteria AC152 ; Test methods referenced in Section 4.0 of ICC-ES Acceptance Criteria AC180 |
| Roof vents | Test methods referenced in Sections 5.1 and 5.3 of ICC-ES Acceptance Criteria AC132 |
| Nails and fasteners | ASTM Standards D 1037 [Sections 21 through 33 (tension)], 34 though 40 (Compression), and 41 through 67 (Fastener Values) and D 1761; Test methods referenced in Section 3.0 of ICC-ES Acceptance Criteria; Miami-Dade County Protocol TAS 117(A) |

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| FIELDS OF TESTING | ACCREDITED TEST METHODS |
|-------------------------------------|--|
| Physical properties | ASTM Standards C 79, C 165, C 203, C 209, C 272, C 297, C 303, C 578 (except Thermal resistance and Flame spread), C 728 (except Thermal resistance and Flame spread), C 836, C 957, C 1442 (Sections 7.2 and 7.3 only), C 1519 (Section 6.5 only), D 5, D 36, D 146, D 228, D 412, D 471, D 570, D 573, D 618, D 624, D 638, D 751, D 816, D 904, D 1004, D 1204, D 1261, D 1621, D 1622, D 1623, D 1790, D 1922, D 1970, D 2126, D 2136, D 2137, D 2178, D 2247, D 2565, D 3045, D 3330, D 3451 (Sections 34.2.3 and 34.2.4), D 3462, D 3909, D4434, D 4459, D 4601, D 4798, D 4869, D 4897, D 5147, D 5206, D 5602, D 5635, D 6083, D 6162, D 6163, D 6164, D 6222, D 6223, D 6298, D 6695, D 6754 and D 6878 (except Section 7.8); AAMA Standard 711 |
| Masonry screws | ASTM Standard E 488 (Tension and shear only) |
| Environmental exposure | ASTM Standards C 1442 (Sections 7.2 and 7.3 only), C 1519 (Section 6.5 only), D 2126, D 2898 (Method A only), D 4799, G 26, G 154 and G 155 |
| Windows, Doors and/or Wall cladding | ASTM Standards D 5206, E 283, E 330, E 331, E 547 and E 1105; AAMA Standards 711 and 502 |

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