

International Accreditation Service

CERTIFICATE OF ACCREDITATION

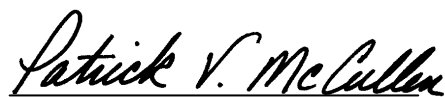
This is to signify that

INTERTEK TESTING SERVICES NA, INC.

8431 MURPHY DRIVE
MIDDLETON, WISCONSIN 53562

Testing Laboratory TL-271
(Revised November 18, 2009)

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 June 2, 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)

Print Date: 01/05/2010

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This accreditation certificate supersedes any IAS accreditation certificate bearing an earlier date. The certificate becomes invalid upon suspension, cancellation, revocation, or expiration 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.

International Accreditation Service

SCOPE OF ACCREDITATION

Intertek Testing Services NA, Inc. TL-271
(Revised November 18, 2009)

Intertek Testing Services NA, Inc.
8431 Murphy Dr.
Middleton, WI 53562

Rhonda Byrne
Operations Manager
(608) 824-7430

FIELDS OF TESTING	ACCREDITED TEST METHODS
Fire	ASTM Standards D 4208, E 108, E 119, E 136, E 152, E 162, E 537, E 662, E 698, E 793, E 800, E 814, E 928, E 1356 and F 163; UL Standards 9, 10A, 10B, 10C and 790; 1997 UBC Standards 7-1, 7-2, 7-3, 7-4, 7-5, 8-1 and 15-2; ISO 5659 and 19702; NFPA Standards 251, 252, 256, 257 and 259; BS 476-20, BS 476-22, BS EN 1363-1 and BS EN 1634-1; ISO Standards 834-1 and 3008
Physical/structural	ASTM Standards C 209, C 236, C 271, C 297C 473, C 495, C 518, C 578, C 1363, C 1396, D 143, D 638, D 737, D 779, D 905, D 906, D 1761, D 1875, D 2016, D 2247, D 2394, D 3161, D 3283, D 3746, D 4060, D 5206, E 8, E 18, E 72, E 96, E 283, E 330, E 331, E 384, E 424, E 547, E 605, E 736, E 759, E760, E 761, E 773, E 774, E 1233, E 1886, E 1996, E 2178, E 2357, F 476, F 588, F 970, F 1080 and F 1575

June 2, 2008
Commencement Date

TM
C. P. Ramani
C. P. Ramani, P.E.
President

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Physical/structural (continued)	UL Standards 580, 997, 1777, 1784, 1897, 2218 and 2431; ANSI/BHMA Standards A156.1, A156.2 and A156.3; ANSI/NFPA Standard 96; ANSI Standards A151.1, A250.4 and Z97.1; CPSC 16 CFR Standard 1201; Test methods referenced in Sections 3.0 and 4.0 of the ICC-ES Accreditation Criteria AC12, Section 5.0 of AC39, Sections 3.0, 4.0 and 5.0 of AC174 and Sections 3.0 and 4.0 of AC212; NFRC Standard 100; AAMA Standard 101/1S 2; WDMA Standards 1-A, 2, 3, 4, 6, 7, 8 and 9; WDMA Test Methods 5, 6, 7, 8 and 10; Texas Department of Insurance Standard TD 1; 1997 UBC Standard 24-2; SSTD Standard 12; Safety Glazing Standard FRA 223.5 Appendix A, Section B (excluding Subsections 10 (i) and 11 (i))
Equipment	ANSI/UL Standards 103, 127, 737 and 1482; ANSI Standards Z21.1, Z21.5.1, Z21.10.1, Z21.11.1, Z21.11.2, Z21.12, Z21.13, Z21.15, Z21.17, Z21.18, Z21.20, Z21.21, Z21.23, Z21.35, Z21.40.1, Z21.44, Z21.47, Z21.48, Z21.49, Z21.50, Z21.56, Z21.58, Z21.60, Z21.64, Z21.83, Z83.4, Z83.8, Z83.11, Z83.14, Z83.16 and Z83.18; UL Standards 391, 795, 907 and 2079; ASTM Standard E 1509

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Hardware products	ANSI/BHMA Performance Standards 156.1, 156.2-9.1, 156.2-9.2, 156.2-9.3, 156.2-9.4, 156.2-9.5, 156.2-10.1, 156.2-10.2, 156.2-10.3, 156.2-10.4, 156.2-10.5, 156.2-10.6, 156.2-12.5, 156.2-10.7, 156.2-10.8, 156.2-11, 156.2-12.1, 156.2-12.2, 156.2-12.3, 156.2-12.4, 156.2-13.1, 156.2-13.2, 156.2-13.3, 156.3 8.1, 156.3.8.2, 156.3 8.4, 156.4, 156.5-9.1, 156.5-9.2, 156.5-9.3, 156.5-9.4, 156.5-9.6, 156.5-9.7, 156.5-9.8, 156.5-9.9, 156.5-9.10, 156.10, 156.5-11.1, 156.5-11.2, 156.5-11.3, 156.5-11.4, 156.5-11.5, 156.5-11.6, 156.5-11.7, 156.5-11.8, 156.5-11.9, 156.5-11.10, 156.6, 156.9, 156.11 6.3, 156.12-9.1, 156.12-9.2, 156.12-9.3, 156.12-9.4, 156.12-9.5, 156.12-9.6, 156.12-9.7, 156.12-10.1, 156.12-10.2, 156.12-10.4, 156.12-10.5, 156.12-10.6, 156.12-11, 156.12-12.1, 156.12-12.2, 156.12-12.3, 156.12-12.4, 156.12-12.5, 156.12-12.6, 156.12-12.7, 156.12-12.8, 156.12-12.9, 156.12-12.10, 156.12-12.11, 156.13-9.1, 156.13-9.2, 156.13-9.3, 156.13-9.4, 156.13-9.5, 156.13-9.6, 156.13-9.7, 156.13-9.8, 156.13-9.9, 156.13-9.10, 156.13-9.11, 156.13-9.12, 156.13-9.13, 156.13-10.1, 156.13-10.2, 156.13-10.3, 156.13-10.4, 156.13-10.5, 156.13-10.6, 156.13-10.7, 156.13-10.8, 156.13-10.9, 156.13-10.10, 156.13-10.11, 156.13-11, 156.13-13.1, 156.13-13.2, 156.13-13.3, 156.15, 156.15.4.1.6, 156.16, 156.17, 156.20, 156.21, 156.23 and 156.24; European CE Standards EN 179, EN 1125, EN 1154, EN 1155, EN 1158, EN 1205, EN 1303, EN 1527, EN 1906, EN 1935, EN 12209 and EN 12320; ICC ES EG 356 (except Section 3.1.6), ASTM Standard E 2273

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C. P. Ramani, P.E.
President

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Sandwich panels	ASTM Standards D 905, D 1002, D 1183 and D 1623; Test methods referenced in Sections 5.0, 6.0, 7.0, 8.0 and 9.0 of the ICC-ES Acceptance Criteria AC05
Anchors	ASTM Standard E 488; Test methods referenced in Section 5.0 of the ICC-ES Acceptance Criteria AC01
Wood	ASTM Standards D 198, D 1037 (excluding Sections 7, 17, 18, 22 and 28), D 1102, D 2394 (Section 33 only) and D 5764
Plastics	ASTM Standards D 523, D 790, D 792, D 2457, D 2842, D 2863, BS EN ISO 4589-2 and BS EN ISO 4589-3
Chemical testing	ASTM Standard C 871, F 925, G 87; ISO 3231, ISO/EN 8092-2 (Section 4.24 only), ISO/EN/DIN 6988

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Environmental testing	ASTM Standards B 117, C 692, C 1371, C 1549, D 1653, D 1669 (Section 9.8 only), D 4208, D 4798, E 791, E 859, E 871, E 873, E 937, E 1918, G 1, G 147, G 151 and G 154; DIN 50018
Textiles	ASTM Standards D 2136 and D 2244; AATCC Test method 127
Thermal transmission	ASTM Standard C 518, C 1512, D 6341, E 794
Miscellaneous	ASTM Standards, D 2273 (Trace Sediment in Lubricating Oils), D 5402, D 6578, D 7073, D 7089 and E 1252 (Sections 6.62, 6.3, 6.5.3, 7.7, 9.1, 9.2 and 9.3 only) (Standard Practice for General Techniques for Obtaining Infrared Spectra for Qualitative Analysis); ISO/BS 14707 (Optical Emission Spectrometry), ISO/BS 16962 (Analysis of Zinc and or Aluminum-Based Metallic Coatings by Glow Discharge Surface Analyzer); DIN/EN 1096-2

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