



NYC Department of Buildings
 280 Broadway, New York, NY 10007
 Patricia Lancaster, FAIA, Commissioner
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Report of Materials and Equipment Acceptance Division

Pursuant to Administrative Code Section 27-131, the following equipment or material has been found acceptable for use in accordance with the Report of Materials and Equipment Acceptance (MEA) Division.

MEA 217-05-M

Manufacturer: Jalite USA
 190 Old Milford Road, Milford, PA 18337
 Telephone Number: 800-901-4374 Fax: 800-748-0536

Trade Name(s): Jalite JLUME Ultra High Luminance Rigid PVC

Product: Photoluminescent signs and markings

Pertinent Code Section(s): §27-383(b), Reference Standards RS 6-1 and RS6-1A

Prescribed Test(s):

1. - Brightness Rating - ISO 17398:2004
2. - Washability ASTM D 4828-1994 (2003)
3. - Toxicity Bombardier SMP 800-C
4. - Radioactivity ASTM D 3648-2004
5. - Flame Spread ASTM E 162-2002

Laboratory: California Institute of Electronics and Materials Science - Tests: 4. & 5. The Govmark Organization, Inc. – Test: 3; Intertek Testing Services NA, Inc. – Test: 1; Professional Testing Inc. – Test: 2.

Test Report(s): CIEMS - Project No.: 850840592 – April 28th, 2005. The Govmark Organization, Inc- Project No.:2-56721-0 – April 26th, 2005 Intertek Testing Services NA, Inc Project No.: 3077455-001 – June 2, 2005. Professional Testing - Project No.: 095155 – April 20th, 2005

Description:

STAIRWELL IDENTIFICATION SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
"Stairway"	4 x 8	UL4950L*
"Floor"	4 x 8	UL4953L*
"Ground Floor"	4 x 8	UL4952L*

"Basement"	4 x 8	UL4951L*
"A"	4 x 4	UL4871A*
"B"	4 x 4	UL4872A*
"C"	4 x 4	UL4873A*
"D"	4 x 4	UL4874A*
"E"	4 x 4	UL4875A*
"F"	4 x 4	UL4876A*
"-3"	4 x 4	UL4053A*
"-2"	4 x 4	UL4043A*
"-1"	4 x 4	UL4959A*
"0"	4 x 4	UL4960A*
"+1"	4 x 4	UL4961A*
"+2"	4 x 4	UL4962A*
"+3"	4 x 4	UL4963A*
"+4"	4 x 4	UL4964A*
"+5"	4 x 4	UL4965A*
"+6"	4 x 4	UL4966A*
"+7"	4 x 4	UL4967A*
"+8"	4 x 4	UL4968A*
"+9"	4 x 4	UL4969A*

STAIRWELL DOOR ENTRY SIGNS AND HANDLE MARKINGS

Catalogue Description	Size (in.) (approx.)	Model No.
Wayguidance Exit Sign - Portrait- down left arrow	8 x 10	UL461
Wayguidance Exit Sign- Portrait- down right arrow	8 x 10	UL460
Wayguidance Exit Sign- Portrait- up left arrow	8 x 10	UL459
Wayguidance Exit Sign- Portrait- up right arrow	8 x 10	UL458
Wayguidance Exit Sign- Portrait- up arrow	8 x 10	UL455
Wayguidance Exit Sign- Portrait- Down arrow	8 x 10	UL454
Wayguidance Exit Sign- Portrait- Left arrow	8 x 10	UL456
Wayguidance Exit Sign- Portrait- Right arrow	8 x 10	UL457
Blank Door Handle Marker	6 x 4	UL466
Wayguidance Exit Sign- Landscape- down right arrow	5 1/8 x 15 3/8	UL425
Wayguidance Exit Sign- Landscape- right arrow	5 1/8 x 15 3/8	UL421
Wayguidance Exit Sign- Landscape- left arrow	5 1/8 x 15 3/8	UL422
Wayguidance Exit Sign- Landscape- up arrow	5 1/8 x 15 3/8	UL423
Wayguidance Exit Sign- Landscape- down arrow	5 1/8 x 15 3/8	UL424
Wayguidance Exit Sign- Landscape down left arrow	5 1/8 x 15 3/8	UL426
Wayguidance Exit Sign- Landscape- up right arrow	5 1/8 x 15 3/8	UL427
Wayguidance Exit Sign- Landscape- up left arrow	5 1/8 x 15 3/8	UL428
Egress Exit Sign - Right	12 x 5	UL464
Egress Exit Sign - Left	12 x 5	UL465
Wayguidance Sign- Door Handle Left	4 x 12	UL4321PT
Wayguidance Sign- Door Handle Right	4 x 12	UL4320PT

STAIR LEADING EDGE MARKING SYSTEMS

Catalogue Description	Size (in.) (approx.)	Model No.
1 inch Wide High Luminance Insert	40 x 1	UL910R
1.5 inch Wide High Luminance Insert	40 X 1.5	UL915R
2 inch Wide High Luminance Insert	40 X 2	UL920R

STAIR SIDE EDGE MARKING SYSTEMS		
Catalogue Description	Size (in.) (approx.)	Model No.
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 9	UL909
1 inch wide L-Shaped High Luminance Left Side Edge Marker	3 x 9	UL908
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 10	UL922
1 inch wide L-Shaped High Luminance Left Side Edge Marker	3 x 10	UL923
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 11	UL916
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 11	UL917
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 12	UL918
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 12	UL919
2 inch wide L-Shaped High Luminance Right Side Edge Marker	4 x 9	UL928
2 inch wide L-Shaped High Luminance Left Side Edge Marker	4 x 9	UL929
FLOOR MARKING SYSTEMS		
Catalogue Description	Size (in.) (approx.)	Model No.
1 inch Wide Strips with Foam Adhesive-Back	1 x 40	UL10R
1.5 inch Wide Strips with Foam Adhesive-Back	1.5 x 40	UL15R
2 inch Wide Strips with Foam Adhesive-Back	2 x 40	UL20R
Wayguidance- Floor Disc Marker- Egress/Arrow Symbols	3 1/8	ULTMG008*
Blank Floor Disc Marker	3 1/8	ULTMP008*
Wayguidance- Green Floor Disc Marker- Arrow	3 1/8	ULTMS008*
Wayguidance- Floor Disc Marker- Arrow	3 1/8	ULTMA008*
ESCAPE ROUTE DEMARCATION LINES		
Catalogue Description	Size (in.) (approx.)	Model No.
Wall Profile Way-Guidance Kit (1 PVC track, PL inserts, 2 caps)	2 1/8 x 98	UL22R
HANDRAIL MARKING SYSTEMS		
Catalogue Description	Size (in.) (approx.)	Model No.
Handrail Cap	1 x 20	ULHC20
DIRECTIONAL WAY GUIDANCE SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Wayguidance Sign- right arrow	5 x 8	UL475
Wayguidance Sign- down right arrow	5 x 8	UL473
Wayguidance Sign- up right arrow	5 x 8	UL471
Wayguidance Sign- up arrow	5 x 8	UL469
Wayguidance Sign- down arrow	5 x 8	UL470
Wayguidance Sign- up left arrow	5 x 8	UL472
Wayguidance Sign- left arrow	5 x 8	UL476
Wayguidance Sign- down left arrow	5 x 8	UL474
ADDITIONAL DIRECTIONAL WAY GUIDANCE MARKERS		
Catalogue Description	Size (in.) (approx.)	Model No.
Blank Side Edge Marker	2 x 10	UL210*
Wayguidance Exit Marker - Left	2 x 10	UL210-2A*
Wayguidance Exit Marker - Right	2 x 10	UL210-1A*
Wayguidance- Four Arrows	2 x 10	UL210-3A*

Wayguidance- Two Arrows	2 x 10	UL210-4A*
Wayguidance- One Arrow	2 x 10	UL210-5A*
Wayguidance Direction Marker	2 x 10	UL210-8A*
Green Wayguidance Exit Marker - Left	2 x 10	UL210-2B*
Green Wayguidance Exit Marker - Right	2 x 10	UL210-1B*
Green Wayguidance- Four Arrows	2 x 10	UL210-3B*
Green Wayguidance- Two Arrows	2 x 10	UL210-4B*
Green Wayguidance- One Arrow	2 x 10	UL210-5B*
PROHIBITION SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
"No Roof Access"	11 x 7 5/8	UL807*
"Not An Exit"	11 x 7 5/8	UL808
"No Exit"	11 x 7 5/8	UL809*
"Not An Exit" (No symbol)	4 x 12	UL820PT
"Not An Exit" (No symbol)	9 x 3	UL820
SAFE AREA/ ASSEMBLY POINT SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Handicap Safe Area Wayguidance Sign Right Arrow	5 1/8 x 15 3/8	UL4652H*
Handicap Safe Area Wayguidance Sign Left Arrow	5 1/8 x 15 3/8	UL4653H*
Handicap Safe Area Wayguidance Sign Up Arrow	5 1/8 x 15 3/8	UL4651H*
Emergency Equipment Sign	4 x 11 3/4	UL4362PT*
Breathing Apparatus Sign	4 x 11 3/4	UL4368PT*
Wayguidance Sign - Straight Arrow	4 x 4	UL4860C*
Wayguidance Sign - Diagonal Arrow	4 x 4	UL4870C*
Assembly Point Sign (large)	11 3/4 x 11 3/4	UL4128Q*
Assembly Point Sign (small)	5 7/8 x 7 7/8	UL4128D*
Handicap Safe Area Sign - Symbol Only	4 x 4	UL4654A*
INTERMEDIATE AND FINAL EXIT DOOR MARKINGS		
Catalogue Description	Size (in.) (approx.)	Model No.
Green Background- "Push to open" with Arrow	4 x 11 3/4	UL4226PT (Note #1)
Green Background- "Push to open" with Arrow	7 7/8 x 3 1/8	UL4226M (Note #1)
Green Background "PUSH" with Arrow	4 x 5 7/8	UL4775Y (Note #1)
Wayguidance Exit Sign- Green Letters- "Final Exit"	8 x 10	UL462
Wayguidance Exit Sign- Green Background- "Final Exit"	8 x 10	UL463
Way Guidance Exit Sign "EXIT TO STREET" (or custom)	7 7/8 X 15 3/4	UL467
Way Guidance Exit Sign "EXIT THRU LOBBY"	7 7/8 X 15 3/4	UL468
Wayguidance Sign- Door Handle Left	4 x 12	UL4321PT
Wayguidance Sign- Door Handle Right	4 x 12	UL4320PT
Emergency Door Release Sign - UP	4 x 6	UL811*
Emergency Door Release Sign -Down	4 x 6	UL812*
LOW-LOCATED EXIT SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Low-Located High Luminance EXIT Sign	11 x 7 3/4	UL443 (Note #2)
UL Approved Exit Sign with Green Letters	14 1/2 x 7 7/8	UL413 (Note #2)
UL Approved Exit Sign with Green Background	14 1/2 x 7 7/8	UL416 (Note #2)

FIRE EXTINGUISHER SAFETY SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Extinguisher Identification Marker - ABC Dry Chemical	3 1/8 x 7 7/8	UL6561M*
"Fire Extinguisher" Sign	5 7/8 x 7 7/8	UL6490D*
Fire Extinguisher Sign - Symbol Only	5 7/8 x 5 7/8	UL6422C*
Extinguisher Identification Marker - Carbon Dioxide	3 1/8 x 7 7/8	UL6265M*
Extinguisher Identification Marker - Water	3 1/8 x 7 7/8	UL6362M*
Extinguisher Identification Marker - Foam Spray	3 1/8 x 7 7/8	UL6361M*
Extinguisher Identification Marker - ABC Powder	3 1/8 x 7 7/8	UL6360M*
Extinguisher Identification Marker - BC Powder	3 1/8 x 7 7/8	UL6364M*
Wall Mounted Fire Extinguisher Location Two-Sided Arrow Sign	4 x 18	UL620FS*
Fire Extinguisher Location- Panoramic Sign - Symbol Only	5 7/8 in. High	UL6270P15*
Fire Extinguisher Location Arrow Sign	4 x 18	UL620*
Fire Hose - Symbol Only	5 7/8 x 5 7/8	UL6420C*
Fire Hose - Panoramic Sign – Symbol Only	5 7/8 in. High	UL6271P15*
FIRE ALARM CALL POINT, FIRE HOSE & FIRE PHONE SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Fire Alarm Sign- Panoramic - Symbol Only	5 7/8 in. High	UL6272P15*
"Fire Alarm" Sign	5 7/8 x 7 7/8	UL6450D*
Fire Alarm Sign - Symbol Only	5 7/8 x 5 7/8	UL6421C*
"AED Automated External Defibrillator" Sign	5 7/8 x 7 7/8	UL810D*
"Fire Hose" Sign	5 7/8 x 7 7/8	UL6495D*
"Fire Phone" Sign	5 7/8 x 7 7/8	UL6451D*
Fire Phone Sign - Panoramic - Symbol Only	5 7/8 in. High	UL6259/P15*
Fire Phone Sign - Symbol Only	5 7/8 x 5 7/8	UL6424C*
CUSTOM SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Custom sign	Various	UL4*

Notes:

- * The model(s) with asterisks comply with laboratory tests but do not satisfy the design and/or dimensional requirements for mandatory installations under Section 2.1 and 2.2 of RS6-1. These models with asterisks may be installed only as “additional signs and markings” under section 2.5 of RS 6-1.
- 1. Models UL4226PT, and UL4775Y cannot be used in lieu of required door handle markings, as they do not comply with RS 6-1 §2.2.9.2
- 2. Models UL413, UL416 and UL443 shall not be used in lieu of the required electrically illuminated exit signs. These models, as well as all models directing persons to exits are to be low-location so as not to confuse with other required exit signage

Conditions: That the above units be accepted on condition that:

1. Pathway markings of green color shall be in compliance with ANSI Z535.1 Safety Color Code.
2. Arrows and egress symbols shall comply with ISO 7010 E001, E002, E003, E004.

3. All approved materials shall be labeled and identified with the model number as well as with the MEA No. 217-05-M. BR: 107-28-18 in a minimum of six (6) point type with at least one such identification on each piece of material installed in accordance with RS 6-1.
4. No radioactive materials are used.
5. All signs and markings shall conform to the pictorial representations submitted with this application.
6. All models directing persons to exits are to be installed at a low location so as not to confuse with other required exit signage.
7. That no additional transparent or translucent overlaminates, varnishes, or other coatings be applied to the photoluminescent portions of the marking.
8. This acceptance is limited to the materials use and does not include the installation for compliance with §27-383(b) and Reference Standard 6-1, which is the responsibility of the building owner.

All shipments and deliveries of photoluminescent exit path markings shall be provided with a certification from the manufacturer, certifying that the materials shipped or delivered are equivalent to those tested and accepted for use, as provided for in section 27-131 of the Building Code.

Final Acceptance August 1, 2005
Examined By Donald J. [Signature]