



NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
(212) 566-5000, TTY: (212) 566-4769

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 216-05-M

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

Trade Name(s): Jalite AAA High Luminance Flexible 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 – 4/28/2005; The Govmark Organization, Inc - Project No.: 2-56721-0 – 4/26/2005; Intertek Testing Project No. 3077455-001 June 2, 2005; Professional Testing - Project No.: 095155 – 4/20/2005

Description:

STAIRWELL IDENTIFICATION SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
"Stairway"	4 x 8	4950LV*
"Floor"	4 x 8	4953LV*
"Ground Floor"	4 x 8	4952LV*
"Basement"	4 x 8	4951LV*
"A"	4 x 4	4871AV*
"B"	4 x 4	4872AV*
"C"	4 x 4	4873AV*
"D"	4 x 4	4874AV*
"E"	4 x 4	4875AV*
"F"	4 x 4	4876AV*
"-3"	4 x 4	4053AV*
"-2"	4 x 4	4043AV*
"-1"	4 x 4	4959AV*
"0"	4 x 4	4960AV*
"+1"	4 x 4	4961AV*
"+2"	4 x 4	4962AV*
"+3"	4 x 4	4963AV*
"+4"	4 x 4	4964AV*
"+5"	4 x 4	4965AV*
"+6"	4 x 4	4966AV*
"+7"	4 x 4	4967AV*
"+8"	4 x 4	4968AV*
"+9"	4 x 4	4969AV*
STAIRWELL DOOR ENTRY SIGNS AND HANDLE MARKINGS		
Catalogue Description	Size (in.) (approx.)	Model No.
Wayguidance Exit Sign - Portrait- down left arrow	8 x 10	US461V
Wayguidance Exit Sign- Portrait- down right arrow	8 x 10	US460V
Wayguidance Exit Sign- Portrait- up left arrow	8 x 10	US459V
Wayguidance Exit Sign- Portrait- up right arrow	8 x 10	US458V
Wayguidance Exit Sign- Portrait- up arrow	8 x 10	US455V
Wayguidance Exit Sign- Portrait- Down arrow	8 x 10	US454V
Wayguidance Exit Sign- Portrait- Left arrow	8 x 10	US456V
Wayguidance Exit Sign- Portrait- Right arrow	8 x 10	US457V
Blank Door Handle Marker	6 x 4	US466V

Wayguidance Exit Sign- Landscape- down right arrow	5 1/8 x 15 3/8	US425V
Wayguidance Exit Sign- Landscape- right arrow	5 1/8 x 15 3/8	US421V
Wayguidance Exit Sign- Landscape- left arrow	5 1/8 x 15 3/8	US422V
Wayguidance Exit Sign- Landscape- up arrow	5 1/8 x 15 3/8	US423V
Wayguidance Exit Sign- Landscape- down arrow	5 1/8 x 15 3/8	US424V
Wayguidance Exit Sign- Landscape down left arrow	5 1/8 x 15 3/8	US426V
Wayguidance Exit Sign- Landscape- up right arrow	5 1/8 x 15 3/8	US427V
Wayguidance Exit Sign- Landscape- up left arrow	5 1/8 x 15 3/8	US428V
Egress Exit Sign – Right	12 x 5	US464V
Egress Exit Sign – Left	12 x 5	US465V
Wayguidance Sign- Door Handle Left	4 x 12	4321PTV
Wayguidance Sign- Door Handle Right	4 x 12	4320PTV

STAIR LEADING EDGE MARKING SYSTEMS		
Catalogue Description	Size (in.) (approx.)	Model No.
1 inch Wide High Luminance Insert	40 x 1	US910V
1.5 inch Wide High Luminance Insert	40 X 1.5	US915V
2 inch Wide High Luminance Insert	40 X 2	US920V
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	US909V
1 inch wide L-Shaped High Luminance Left Side Edge Marker	3 x 9	US908V
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 10	US922V
1 inch wide L-Shaped High Luminance Left Side Edge Marker	3 x 10	US923V
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 11	US916V
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 11	US917V
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 12	US918V
1 inch wide L-Shaped High Luminance Right Side Edge Marker	3 x 12	US919V
2 inch wide L-Shaped High Luminance Right Side Edge Marker	4 x 9	US928V
2 inch wide L-Shaped High Luminance Left Side Edge Marker	4 x 9	US929V
FLOOR MARKING SYSTEMS		
Catalogue Description	Size (in.) (approx.)	Model No.
1 inch Wide Strips with Foam Adhesive-Back	1 x 40	AAA10V
1.5 inch Wide Strips with Foam Adhesive-Back	1.5 x 40	AAA15V
2 inch Wide Strips with Foam Adhesive-Back	2 x 40	AAA20V
Wayguidance- Floor Disc Marker- Egress/Arrow Symbols	3 1/8	TMG008V*

Blank Floor Disc Marker	3 1/8	TMP008V*
Wayguidance- Green Floor Disc Marker- Arrow	3 1/8	TMS008V*
Wayguidance- Floor Disc Marker- Arrow	3 1/8	TMA008V*

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	AAA22V

OBSTACLE/PATHWAY MARKING TAPES

Catalogue Description	Size (in.) (approx.)	Model No.
Obstacle marking tape	1 1/8 x 33 ft	USWT1003
Vinyl Tape	2 x 33 ft	VT1005
Vinyl Tape	1 x 33	VT1003

DIRECTIONAL WAY GUIDANCE SIGNS

Catalogue Description	Size (in.) (approx.)	Model No.
Wayguidance Sign- right arrow	5 x 8	US475V
Wayguidance Sign- down right arrow	5 x 8	US473V
Wayguidance Sign- up right arrow	5 x 8	US471V
Wayguidance Sign- up arrow	5 x 8	US469V
Wayguidance Sign- down arrow	5 x 8	US470V
Wayguidance Sign- up left arrow	5 x 8	US472V
Wayguidance Sign- left arrow	5 x 8	US476V
Wayguidance Sign- down left arrow	5 x 8	US474V

ADDITIONAL DIRECTIONAL WAY GUIDANCE MARKERS

Catalogue Description	Size (in.) (approx.)	Model No.
Blank Side Edge Marker	2 x 10	US210V*
Wayguidance Exit Marker – Left	2 x 10	US210-2AV*
Wayguidance Exit Marker – Right	2 x 10	US210-1AV*
Wayguidance- Four Arrows	2 x 10	US210-3AV*
Wayguidance- Two Arrows	2 x 10	US210-4AV*
Wayguidance- One Arrow	2 x 10	US210-5AV*
Wayguidance Direction Marker	2 x 10	US210-8AV*
Green Wayguidance Exit Marker – Left	2 x 10	US210-2BV*
Green Wayguidance Exit Marker – Right	2 x 10	US210-1BV*

Green Wayguidance- Four Arrows	2 x 10	US210-3BV*
Green Wayguidance- Two Arrows	2 x 10	US210-4BV*
Green Wayguidance- One Arrow	2 x 10	US210-5BV*
PROHIBITION SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
"No Roof Access"	11 x 7 5/8	US807V*
"Not An Exit"	11 x 7 5/8	US808V
"No Exit"	11 x 7 5/8	US809V*
"Not An Exit" (No symbol)	4 x 12	US820PTV
"Not An Exit" (No symbol)	9 x 3	US820V
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	4652HV*
Handicap Safe Area Wayguidance Sign Left Arrow	5 1/8 x 15 3/8	4653HV*
Handicap Safe Area Wayguidance Sign Up Arrow	5 1/8 x 15 3/8	4651HV*
Emergency Equipment Sign	4 x 11 3/4	4362PTV*
Breathing Apparatus Sign	4 x 11 3/4	4368PTV*
Wayguidance Sign - Straight Arrow	4 x 4	4860CV*
Wayguidance Sign - Diagonal Arrow	4 x 4	4870CV*
Assembly Point Sign (large)	11 3/4 x 11 3/4	4128QV*
Assembly Point Sign (small)	5 7/8 x 7 7/8	4128DV*
Handicap Safe Area Sign - Symbol Only	4 x 4	4654AV*
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	4226PTV (Note #1)
Green Background- "Push to open" with Arrow	7 1/8 x 3 1/8	4226MV (Note #1)
Green Background "PUSH" with Arrow	4 x 5 7/8	4775YV (Note #1)
Wayguidance Exit Sign- Green Letters- "Final Exit"	8 x 10	US462V
Wayguidance Exit Sign- Green Background- "Final Exit"	8 x 10	US463V
Way Guidance Exit Sign "EXIT TO STREET" (or custom)	7 7/8 X 15 3/4	US467V
Way Guidance Exit Sign "EXIT THRU LOBBY"	7 7/8 X 15 3/4	US468V
Wayguidance Sign- Door Handle Left	4 x 12	4321PTV
Wayguidance Sign- Door Handle Right	4 x 12	4320PTV
Emergency Door Release Sign – Up	4 x 6	US811V
Emergency Door Release Sign – Down	4 x 6	US811V

LOW-LOCATED EXIT SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Low-Located High Luminance EXIT Sign	11 x 7 3/4	US443V (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	6561MV*
"Fire Extinguisher" Sign	5 7/8 x 7 7/8	6490DV*
Fire Extinguisher Sign - Symbol Only	5 7/8 x 5 7/8	6422CV*
Extinguisher Identification Marker - Carbon Dioxide	3 1/8 x 7 7/8	6265MV*
Extinguisher Identification Marker – Water	3 1/8 x 7 7/8	6362MV*
Extinguisher Identification Marker - Foam Spray	3 1/8 x 7 7/8	6361MV*
Extinguisher Identification Marker - ABC Powder	3 1/8 x 7 7/8	6360MV*
Extinguisher Identification Marker - BC Powder	3 1/8 x 7 7/8	6364MV*
Wall Mounted Fire Extinguisher Location Two-Sided Arrow Sign	4 x 18	US620FSV*
Fire Extinguisher Location Arrow Sign	4 x 18	US620V*
Fire Hose - Symbol Only	5 7/8 x 5 7/8	6420CV*
FIRE ALARM CALL POINT, FIRE HOSE & FIRE PHONE SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
"Fire Alarm" Sign	5 7/8 x 7 7/8	6450DV*
Fire Alarm Sign - Symbol Only	5 7/8 x 5 7/8	6421CV*
"AED Automated External Defibrillator" Sign	5 7/8 x 7 7/8	US810DV*
"Fire Hose" Sign	5 7/8 x 7 7/8	6495DV*
"Fire Phone" Sign	5 7/8 x 7 7/8	6451DV*
Fire Phone Sign - Symbol Only	5 7/8 x 5 7/8	6424CV*
CUSTOM SIGNS		
Catalogue Description	Size (in.) (approx.)	Model No.
Custom sign	Various	US4V*

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 4226PTV, and 4775YV cannot be used in lieu of required door handle markings, as they do not comply with RS 6-1 §2.2.9.2
2. Model US443V shall not be used in lieu of the required electrically illuminated exit signs. This model, as well as all models directing persons to exits are to be low-location so as not to confuse with other required exit signage.

Recommendation: 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. 216-05-M. BR: 46-8-5 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 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 o/f 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]