



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 subject to the terms and conditions contained herein.

### MEA 8-06-M

**Manufacturer:** Zero International Inc.  
 415 Concord Avenue, Bronx, NY 10455  
 Phone No: 718 585 3230 Fax: 718 292 2243

**Trade Name(s):** TRACTION TREAD™ GLOW

**Product:** Photoluminescent Stairway Marking Systems

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

**Prescribed Test(s):**

1. Brightness Ratings –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 D 635-2003

**Laboratory:** VTEC Laboratories Inc. and California Institute of Electronics and Material Science.

**Test Report(s):** ASTM D635 – VTEC #100-2226-1 – November 14, 2005. ASTM D4828 – VTEC #100-2226-2 – October 14, 2005. NYCMEA VERSION ISO 17398:2004 – CIEMS950401412-2 dated October 21, 2005. ASTM D3648 – CIEM No. 950411920-4, dated November 2, 2005. SMP 800-C – VTEC #100-2226-5 – October 11, 2005.

**Description:**

Catalogue Description	Size(in.)(approx.)	Model No.
Photoluminescent Sill Protection Sweep	.219” x 1.250”	328A-L
Photoluminescent Sill Automatic Door Bottom	.916” x 1.901”	365A-L
Photoluminescent Head and Jamb Seal*	.881” x .391”	475A-L*

Photoluminescent Exit Markings. 2-inch Wide Strip	2"	1200
Photoluminescent Exit Markings. 1-inch Wide Strip	1"	1201
Photoluminescent Exit Markings. Side Edge Marking-Left	8.5" x 3.6" x 1.5"	1202
Photoluminescent Exit Markings. Side Edge Marking-Right	8.5" x 3.6" x 1.5"	1203
Photoluminescent Exit Markings. Handrail Marking	1" x 18"	1204
Photoluminescent Exit Markings. Door Hardware Marking. Latch Type	7.8" x 6"	1207
Photoluminescent Exit Markings. Door Hardware Marking. Door Bar Type	1" x 39"	1208
Photoluminescent Exit Markings. Obstacle Marking	1" x 39"	1213
Photoluminescent Exit Markings. Floor Demarcation Lines. Wall-Mounted Aluminum Extrusion 1-inch wide.	.250" x 1.024"	1214
Photoluminescent Directional Sign. Progress to the Right	10" x 5.5"	1220
Photoluminescent Directional Sign. Progress Down and to the Right	10" x 5.5"	1221
Photoluminescent Directional Sign. Progress Up and to the Right	10" x 5.5"	1222
Photoluminescent Directional Sign. Progress to the Left	10" x 5.5"	1223
Photoluminescent Directional Sign. Progress Down and to the Left	10" x 5.5"	1224
Photoluminescent Directional Sign. Progress Up and to the Left	10" x 5.5"	1225
Photoluminescent Directional Sign. Progress Forward	10" x 5.5"	1226
Photoluminescent Directional Sign. Progress Down from here	10" x 5.5"	1227
Photoluminescent Door Sign. Wall-mounted. Final Exit	9.5" x 16"	1228
Photoluminescent Door Sign. Wall-mounted. Exit Through Lobby	19.5" x 8.5"	1229
Photoluminescent Door Sign. Wall-mounted. Exit-Left Arrow	12" x 9.7"	1230
Photoluminescent Door Sign. Wall-mounted. Exit-Right Arrow	12" x 9.7"	1231
Photoluminescent Door Sign. Door-mounted. Exit	13.5" x 5.5"	1232
Photoluminescent Door Sign. Door-mounted. Not An Exit	12" x 4"	1233

**Terms and Conditions:** 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 and E004.
3. Approved materials will be labeled and identified with the model number as well as with the MEA No. 8-06-M. BR: 48-11-7 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 material is used.
5. All signs and markings conformed 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. Non 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 included the installation for compliance with §27-383(b) and Reference Standard 6-1, which is the responsibility of the building owner.
9. All shipments and deliveries of photoluminescent exit path markings will be provided with certification from the manufacturer, certifying that the materials shipped or delivered are equivalent to those and accepted for use, as provided for in section 27-131 of the Building Code.

**Note:** \* 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 RS 6-1. These models with asterisks may be installed only as "additional signs and markings under Section 2.5 of RS 6-1.

**NOTE:** In accordance with section 27-131(d), all materials tested and accepted for use shall be subject to periodic retesting as determined by the commissioner; and any material which upon retesting is found not to comply with code requirements or the requirements set forth in the approval of the commissioner shall cease to be acceptable for the use intended. During the period for such retesting, the commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance May 23, 2006

Examined by Siim Derphutan