



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 306-05-M

Manufacturer: International Name Plate Supplies Limited
1420 Crumlin Road
London, Ontario Canada N5V 1S1
519-455-7647; 800-565-3509
fax: 519-455-4409

Trade Name(s): Fire Fly Escape

Product: Photoluminescent low-level exit path 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 635-2003

Laboratories:

1. VTEC Laboratories Inc. (VTEC)
212 Manida Street
Bronx, New York 10474
718-542-8248 fax: 718-542-8759
2. California Institute of Electronics and Materials Science (CIEMS)
2115 Flame Tree Way
Helmet, CA 92545

Test Report(s):

1. - Brightness Rating – CIEMS Report No. 950280261-3 issued August 16, 2005.
2. - Washability – VTEC Report No. 100-2197-5 issued August 25, 2005.
3. - Toxicity – VTEC Report No. 100-2197-4 issued August 9, 2005.
4. - Radioactivity – CIEMS Report No. 950280452 issued August 25, 2005.
5. - Flame Spread – VTEC Report No. 100-2197-3 issued July 19, 2005.

Description: Fire Fly Escape is an extruded photoluminescent film with a high tack adhesive and release liner. It is used as a tape/decal or when mounted to aluminum as rigid signs and markings.

| Part Number | Catalogue Description | Size |
|----------------------------|--------------------------------------|---------------|
| FFE-000-001 or FFE-001-001 | Door Mounted Sign- Right | 5" x 13" |
| FFE-000-002 or FFE-001-002 | Door Mounted Sign - Left | 5" x 13" |
| FFE-000-003 or FFE-001-003 | Wall Mounted Exit Sign – Right | 10" x 8" |
| FFE-000-004 or FFE-001-004 | Wall Mounted Exit Sign – Left | 10" x 8" |
| FFE-000-005 or FFE-001-005 | Wall Mounted Exit Sign – Down Right | 10" x 8" |
| FFE-000-006 or FFE-001-006 | Wall Mounted Exit Sign – Down Left | 10" x 8" |
| FFE-000-007 or FFE-001-007 | Wall Mounted Exit Sign – Up Right | 10" x 8" |
| FFE-000-008 or FFE-001-008 | Wall Mounted Exit Sign – Down Left | 10" x 8" |
| FFE-000-009 or FFE-001-009 | Directional Sign – Forward/Up | 5" x 9" |
| FFE-000-010 or FFE-001-010 | Directional Sign – Down | 5" x 9" |
| FFE-000-011 or FFE-001-011 | Directional Sign – Right | 5" x 9" |
| FFE-000-012 or FFE-001-012 | Directional Sign – Left | 5" x 9" |
| FFE-000-013 or FFE-001-013 | Directional Sign – Down Right | 5" x 9" |
| FFE-000-014 or FFE-001-014 | Directional Sign – Down Left | 5" x 9" |
| FFE-000-015 or FFE-001-015 | Directional Sign – Up Right | 5" x 9" |
| FFE-000-016 or FFE-001-016 | Directional Sign – Up Left | 5" x 9" |
| FFE-000-017 or FFE-001-017 | Final Exit Signs – Forward/Up | 13" x 8" |
| FFE-000-018 or FFE-001-018 | Final Exit Signs – Down | 13" x 8" |
| FFE-000-019 or FFE-001-019 | Final Exit Signs – Right | 13" x 8" |
| FFE-000-020 or FFE-001-020 | Final Exit Signs – Left | 13" x 8" |
| FFE-000-021 or FFE-001-021 | Final Exit Signs – Down Right | 13" x 8" |
| FFE-000-022 or FFE-001-022 | Final Exit Signs – Down Left | 13" x 8" |
| FFE-000-023 or FFE-001-023 | Final Exit Signs – Up Right | 13" x 8" |
| FFE-000-024 or FFE-001-024 | Final Exit Signs – Up Left | 13" x 8" |
| FFE-000-025 or FFE-001-025 | Exit Through Lobby Sign – Forward/Up | 8.5" x 18.75" |
| FFE-000-026 or FFE-001-026 | Exit Through Lobby Sign – Down | 8.5" x 18.75" |
| FFE-000-027 or FFE-001-027 | Exit Through Lobby Sign – Right | 8.5" x 18.75" |
| FFE-000-028 or FFE-001-028 | Exit Through Lobby Sign – Left | 8.5" x 18.75" |
| FFE-000-029 or FFE-001-029 | Exit Through Lobby Sign – Down Right | 8.5" x 18.75" |
| FFE-000-030 or FFE-001-030 | Exit Through Lobby Sign – Down Left | 8.5" x 18.75" |
| FFE-000-031 or FFE-001-031 | Exit Through Lobby Sign – Up Right | 8.5" x 18.75" |
| FFE-000-032 or FFE-001-032 | Exit Through Lobby Sign – Up Left | 8.5" x 18.75" |
| FFE-000-033 or FFE-001-033 | Exit to Street Sign – Forward/Up | 8.5" x 16" |
| FFE-000-034 or FFE-001-034 | Exit to Street Sign – Down | 8.5" x 16" |
| FFE-000-035 or FFE-001-035 | Exit to Street Sign – Right | 8.5" x 16" |
| FFE-000-036 or FFE-001-036 | Exit to Street Sign – Left | 8.5" x 16" |
| FFE-000-037 or FFE-001-037 | Exit to Street Sign – Down Right | 8.5" x 16" |
| FFE-000-038 or FFE-001-038 | Exit to Street Sign – Down Left | 8.5" x 16" |
| FFE-000-039 or FFE-001-039 | Exit to Street Sign – Up Right | 8.5" x 16" |
| FFE-000-040 or FFE-001-040 | Exit to Street Sign – Up Left | 8.5" x 16" |
| FFE-000-042 or FFE-001-042 | Not an Exit Sign | 1.75" x 6.5" |

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|------------------------------|-------------------------------------|-----------------|
| FFE-000-043 or FFE-001-043 | 1" Wide Roll 1' to 100' available | See description |
| FFE-000-044 or FFE-001-044 | 2" Wide Roll 1' to 100' available | See description |
| * FFE-000-048 or FFE-001-048 | Door Marker- Push | 4" x 6" |
| FFE-000-037 or FFE-001-045 | Stair Marker – L-Shaped | 1" x 3" x 9" |
| FFE-000-038 or FFE-001-046 | Stair Marker – L-Shaped | 2" x 4" x 9" |
| FFE-000-049 or FFE-001-049 | Door Marker – Square | 4" x 4" |
| FFE-000-050 or FFE-001-050 | 1" x Wide Roll 1' to 100' available | See description |
| FFE-000-051 or FFE-001-051 | 2" x Wide Roll 1' to 100' available | See description |

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 RS 6-1. These models with asterisks may be installed only as "additional signs and markings" under section 2.5 of RS 6-1.

Terms and Conditions: That the above units are 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. All approved materials shall be labeled and identified with the model number as well as with MEA No. 306-05-M BR: 50-12-8 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 to be 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 non-additional transparent or translucent overlaminates, varnishes, or other coatings shall be applied to the photoluminescent portions of the marking.
8. This acceptance is limited to the materials used 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.

Per §27-131(d), all materials tested and acceptable 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 retesting, the commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

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 in Section 21-131 of the Building Code.

Final Acceptance October 3, 2005.
Examined by Donald [Signature]