



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 subject to the terms and conditions contained herein.

MEA 234-05-M

- Manufacturer:** Ecoglo Ltd
77 Kingsley St.
Christchurch 8002, New Zealand
Phone +64 3 348 3781, Fax +64 3 343 6821
- Trade Name(s):** ecoglo
- Product:** Photoluminescent signs and markings; ecoglo G3001c, One-half inch wide PL strip
- 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 or ASTM D 635-2003
- Laboratory:** Intertek Testing Services NA, Inc [§1.0 Brightness]; Professional Testing Laboratory Inc [§2.0 Washability]; Govmark [§3.0 Toxicity]; California Institute of Electronics and Materials Science [§4.0 Radioactivity and §5.0 Flame Spread]
- Test Report(s):** Brightness: 3078911-001B [Intertek Testing Services NA, Inc]; Washability: 095155A [Professional Testing Laboratory Inc]; Toxicity: 2-56724-0-RV [Govmark]; Radioactivity and Flame Spread: 850850821B [California Institute of Electronics and Materials Science];
- Description:**
One-half inch wide aluminum ridged channel filled with a photoluminescent resin.
- Terms and Conditions:**
1. All approved materials shall be labeled and identified with the model number as well as with MEA No. 234-05-M. BR: 106-29-20 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.

2. No radioactive materials are to be used.
3. All signs and markings shall conform to the pictorial representations submitted with this application.
4. 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.

Special Limitations: This product is ½" wide and limited to buildings constructed pursuant to plans approved prior to July 1, 2006, and only for the following uses:

1. Across the horizontal leading edge of steps when installed in accordance with RS 6-1 Section 2.2.1 exception 1, in lieu of side edge markers (RS 6-1 Section 2.2.1 exception 2), provided that the ½" photoluminescent strip is installed with an integral slip-resistant strip of contrasting color.
2. Across the horizontal leading edge of landings where the steps in the same stairway are marked in accordance with #1 (above), provided that the ½" photoluminescent strip is installed with an integral slip-resistant strip of contrasting color.
3. As perimeter demarcation lines in the same egress path in which the steps and landings are marked in accordance with #1 and #2 (above).
4. As door frame markings in the same egress path in which the steps and landings are marking in accordance with #1 and #2 (above).

Note: Although a 1" width is specified in RS 6-1, this ½" product is approved for steps in existing buildings because the high brightness rating, the inclusion of the slip-resistant contrasting strip, and the installation across the leading edge of the step far exceeds the minimum requirements which would permit side edge markers. The product is approved for leading edges of landings, perimeter demarcation lines, and door frames, to provide a consistent egress environment where the steps are also to be marked with the product.

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 2, 2005
Examined By Donald [Signature]