



## Report of Materials and Equipment Acceptance Division

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

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 309-05-M

**Manufacturer:** Prolayer Inc.; 18 Via Roma, Wichita, KS 67230.

**Trade Name(s):** Proglow; Stellar Chemical Corp.; Glowzone; QSA Corp.; New York Glow.

**Product:** Photoluminescent Exit Path Marking Paint.

**Pertinent Code Section(s):** §27-131.1, §27-383(b) and Reference Standards RS 6-1 and RS 6-1A.

**Prescribed Test(s):**

1. Brightness Rating – New York City Building Code Reference Standards RS 6-1 and RS 6-1A.
2. Washability – ASTM D4828.
3. Toxicity – SMP 800-C.
4. Radioactivity – ASTM D3648.
5. Flame Spread – ASTM D635.

**Laboratory:**

Brightness: California Institute of Electronics and Material Science  
Washability: ASTM D4828 VTEC Laboratories Inc.  
Toxicity: SMP 800-C VTEC Laboratories Inc.  
Radioactivity: ASTM D3648 California Institute of Electronics & Materials Science.  
Flame Spread: ASTM D635 VTEC Laboratories Inc.

**Test Report(s):**

Brightness: Report No. 950280613-3 [California Institute of Electronics and Material Science] dated August 31, 2005.  
Washability: Report No. 100-2241-3 [VTEC Laboratories Inc.] dated September 1, 2005.  
Toxicity: Report No. 100-2241-1 [VTEC Laboratories Inc.] dated August 31, 2005.  
Radioactivity: Report No. 950390120-2 [California Institute of Electronics & Materials Science] dated September 2, 2005.  
Flame Spread: Report No. 100-2241-2 [VTEC Laboratories Inc.] dated September 1, 2005.

**Description:** ProGlo is an economy coating designed to be applied in a one-step process over white for emergency egress line marking applications.

**Terms and Conditions:**

1. No radioactive materials are to be used.
2. All markings shall comply with the placement and dimensional requirements of RS 6-1, which is the responsibility of the building owner.
3. No transparent or translucent overlaminates, varnishes, or other coatings shall be applied to the photoluminescent portions of the markings.
4. The accumulation of dirt on any photoluminescent product decreases its effectiveness because dirt reduces the ability of the activating light needed to charge the material and reduces the material's ability to emit luminance. All shipments and deliveries shall be provided with maintenance instructions as described in "Maintenance of Existing Line Markings."
5. The paint and labeling shall comply with any applicable federal, state, or city laws or regulations.
6. The labels on the paint containers that are delivered to the installation site shall contain at least the following information: MEA No. 309-05-M; BR 32-9-6.

**General Use Directions:**

Stir well before using. Apply by brush or other means suitable for the application. ProGlo® may be used on any surface that will accept and hold the application. Surface cleaning and/or preparation is usually required. As a general rule, the thicker the paint the greater the photoluminescent activity. However, thicknesses greater than 30 mil are not recommended.

**Additional directions for use under NYC LL 26/04:**

New Line Markings: Read and understand Local Law 26 and New York City Building Code Reference Standard RS 6-1 prior to the use of this product to create markings which comply with the specifications set forth therein. These regulations may be downloaded at: [www.prolayerinc.com](http://www.prolayerinc.com).

Photoluminescent emergency egress line marking dimensions which may be created with this paint product are defined under Local Law 26 and RS 6-1, and may be used only as a line marking paint for these purposes.

It is the responsibility of the professional user to be familiar with Local Law 26 and RS 6-1 to achieve compliance using this product. A 20 mil wet thickness is required to create a minimum compliant photoluminescent coating of 10 mil dry over white. Where no such color exists, a suitable rapid-drying alkyd flat white paint may be used.

Where different, Local Law 26 and RS 6-1 has primacy over the General Use Directions located on the opposing panel of this label. Follow all label instructions.

**Maintenance of Existing Line Markings:**

Soiled Markings: It is important to keep markings clean to ensure maximum performance. Avoid excessive abrasion from mechanical cleaning devices. Use clean chemicals suitable for the type of floor surface the markings have been applied to. Waxing or other encapsulate films are not permitted because this may affect the brightness of the paint.

Touch-up Scuffed or Damaged Markings: Follow the guidelines of NYC Local Law 26. Prepare damaged surfaces by sanding to ensure adhesion. Build up white alkyd base coat as needed. Apply ProGlo in a sufficient thickness to restore the damaged area to compliance with NYC Local Law 26.

Certification: Prolayer, Inc., certifies that the paint in this can is equivalent to that tested and accepted for use by the City of New York as provided for in New York City Administrative Code Section 27-131.

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 such retesting, the commissioner may require the use of such material to be restricted or discontinued if necessary to secure safety.

Final Acceptance November 7, 2005

Examined by Donald Gottfried (SD)