



## 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 451-05-M (Correction, 7/24/2006)**

**Note:** This publication reflects correction to Terms and Conditions No. 6.

**Manufacturer:** Coleash Co, Inc.  
PO Box 272672  
Tampa, Fla. 33688  
PH. 813-920-1910 Fax 813-792-1418

**Trade Name(s):** Krytaglow Glow Paint MEA System:  
Krytaglow White Latex Base Coat #1171  
Krytaglow Paint MEA Special Blend #1300  
Krytaglow Clear Protective Top Coat #1102

**Product:** Krytaglow Glow Paint MEA Special Blend  
Exit Path Marking Paint

**Pertinent Code Section(s):** 27-131.1 27-383(b) and Reference standards RS 6-1  
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 D 4828  
3. Toxicity: SMP 800-C  
4. Radioactivity – ASTM D3648  
5. Flame Spread – ASTM E 162-02

**Laboratory:** Brightness, Flame Spread, Radioactivity: California Institute  
of Electronic & Material Science.  
Toxicity: Bodycote  
Washability: DL Laboratories

**Test Report(s):** Brightness Test: Report No. 950511561-1 Nov. 16 2005  
California Institute of Electronic & Material  
Flame Spread Report no. 950511561-3 Nov. 16 2005  
California Institute of Electronic & Material  
Radioactivity: Report No. 950511561-2 Nov. 16 2005  
California Institute of Electronic & Material Science.  
Toxicity: Report No. 05-02-897 Nov 28 2005  
Bodycote Material Testing Labs.  
Washability: Report No. DL-14704A Dec 5 2005  
DL Laboratories

**Description: Paint System For Marking Exit Pathways For MEA  
Kryptaglow Glow in the Dark Paint System:  
Kryptaglow White Latex Base Coat #1171  
Kryptaglow Paint MEA Special Blend #1300  
Kryptaglow Clear Protective Top Coat #1102**

**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 additional transparent or translucent overlaminates, varnishes, or other coatings shall be applied over Kryptaglow Top Coat.
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. 451-05-M; BR 31-9-6.

**General Use Directions:**

**The test samples were prepared in this manner:**

**A roller was used to disperse all 3.**

**First Kryptaglow® White #1171 was applied to provide a solid white base coat. Using a 3/8" x 4" inch roller**

**3 Coats of Kryptaglow® paint #1300 were used to achieve MEA Requirements. Using a 3/8" x 4" roller.**

**1 coat of Kryptaglow® Top Coat #1102 Was then applied as a sealer with a 3" trim roller.**

Process for Applying Kryptaglow® Paints MEA Group System  
For Exit Path or Egress System Markings

Kryptaglow® #1300 paint has been especially formulated to achieve Brightness requirements for MEA easily in 3 properly applied coats plus Bottom White and Top Sealer which is the MEA group system.

Important! Make sure Kryptaglow® paints are well stirred and mixed getting all materials off the bottom of can. Mix periodically while using to ensure even flow of active ingredients.

They can be applied to any clean prepared surface they will adhere to.

Step 1. Apply Kryptaglow® White Base Coat #1171 to clean prepared surface. 1 or 2 coats as needed Using 4" Roller or Brush. Achieving consistent white base coat, let dry. We Used 4" Roller

Step 2. Apply 3 coats of Krytaglow®#1300 Glow Paint with 3/8" x 4 inch Trim Roller. 1<sup>st</sup> coats dries in 20 mins to ½ hour. Second coat needs longer drying time and 3<sup>rd</sup> the longest about an hour or longer depending on your conditions.

Step 3. Apply 1 thin coat of Krytaglow® Protective Top Coat #1102 with short nap roller, we used Sure Line 3" Trim Roller. Allow to Dry.

All Paints are Latex Water Base and can be cleaned with water.

**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.krytaglow.com](http://www.krytaglow.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.

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. We use a Protective Top Coat #1102 to ensure a cleanable durable surface. Avoid excessive abrasion from mechanical cleaning devices. Use household cleaning agents such as 409 to remove any markings or staining. Waxing or other encapsulate films are not permitted over our Top Coat because this may affect the brightness of the paint.

Touch-up Scuffed or Damaged Markings: Assuming there could be damage it would be to the protective top coat which is the surface that would be affected. Scuffing should not affect the performance But if it is in need of repair very light sanding and replacement of top coat will repair most surface damage. If entire area is damaged. Repair original surface area and repeat the original instructions for use. Follow the guidelines of NYC Local Law 26.

Certification: Co-leash Co, 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.

**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**

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Final Acceptance March 13, 2006

Examined by Siim Derpholam