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 311-06-M**

**Manufacturer:** Sherwin-Williams 101 Prospect Avenue N W 927 Midland Building Cleveland, OH 44115

**Trade Name(s):** Photo-Luminescent Interior Latex Flat

**Product:** Photo-Luminescent Exit Path Marking Paint

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

**Prescribed Test(s):**
2. Washability ASTM D4828:1994
3. Radioactivity ASTM D3648:2004
4. Toxicity Bombardier SMP 800-C
5. Flame Spread ASTM D635:2003

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

**Test Report(s):**
- Brightness: Report No. CIEM960720681-1, dated February 18, 2006
- Washability: Report No. 100-2347-3, dated February 24, 2006
- Radioactivity: Report No. CIEM960720681-2, dated February 24, 2006
- Toxicity: Report No. 100-2347, dated February 15, 2006
- Flame Spread: Report No. 100-2347-2, dated February 16, 2006
Description – Photo-luminescent Interior Latex Flat containing B90600200 is designed to glow in the dark providing significantly increased safety in stairwells if power to normal lighting should fail or if the batteries in back-up lighting are discharged. Photo-luminescent interior latex flat is a high performance Photo—luminescent VOC compliant latex coating that is to be applied as a system with ProMar® 200 Luminous White Base. Its uses are for emergency egress line marking applications as specified in Local Law 26 and New York City Building Code Reference Standard RS 6-1.

Terms and Conditions:

1. All markings shall comply with the requirements of RS 6-1, which is the responsibility of the building owner.
2. No radioactive materials are to be used.
3. No transparent or translucent overlaminates, varnishes, or other coatings shall be applied to the photoluminescent coating unless approved by Sherwin-Williams.
4. The paint shall comply with any applicable federal, state, and city laws and regulations.
5. 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.
6. 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.”
7. The labels on the paint containers that are delivered to the installation site shall contain at least the following information: MEA No. 311-06-M; BR 69-14-9

SPECIFICATIONS
Primers and/or fillers may be required to properly prepare the surface and/or to provide a uniform finish.
To maximize the luminescent effect, apply one uniform coat of ProMar® 200 Interior latex Flat Luminous White to the properly prepared surface before applying Photo-Luminescent Interior Latex Flat Coating.

Block

<table>
<thead>
<tr>
<th>1 ct</th>
<th>PrepRite Block Filler</th>
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</thead>
<tbody>
<tr>
<td>1 ct</td>
<td>ProMar 200 Interior Latex Flat Luminous White</td>
</tr>
<tr>
<td>1-2 cts</td>
<td>Photo-Luminescent Interior Latex Flat Coating</td>
</tr>
<tr>
<td>Surface</td>
<td>Quantity</td>
</tr>
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<td>--------------</td>
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</tr>
<tr>
<td>Drywall</td>
<td>1 ct</td>
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<td></td>
</tr>
<tr>
<td></td>
<td>1-2 cts</td>
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<tr>
<td>Plaster</td>
<td>1 ct</td>
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<td></td>
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<tr>
<td></td>
<td>1-2 cts</td>
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<tr>
<td>Masonry</td>
<td>1 ct</td>
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<td></td>
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<tr>
<td></td>
<td>1-2 cts</td>
</tr>
<tr>
<td>Wood</td>
<td>1 ct</td>
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<td></td>
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<tr>
<td></td>
<td>1-2 cts</td>
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</tbody>
</table>

**SURFACE PREPARATION**

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment, such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

Remove all surface contamination by washing with an appropriate cleaner, rinse thoroughly and allow to dry. Scrape and sand peeled or checked paint to a sound surface. Sand glossy surfaces dull. Seal stains from water, smoke, ink, pencil, grease, etc. with PrepRite ProBlock Primer Sealer.
**Drywall**
Fill cracks and holes with patching paste/spackle and sand smooth. Joint compounds must be cured and sanded smooth. Remove all sanding dust.

**Masonry, Concrete, Cement, Block**
All new surfaces must be cured according to the supplier’s recommendations — usually about 30 days. Remove all form release and curing agents. Rough surfaces can be filled to provide a smooth surface. If painting cannot wait 30 days, allow the surface to cure 7 days and prime the surface with PrepRite Masonry Primer.

**Plaster**
Bare plaster must be cured and hard. Textured, soft, porous, or powdery plaster should be treated with a solution of 1 pint household vinegar to 1 gallon of water. Repeat until the surface is hard, rinse with clear water and allow to dry.

**Wood**
Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty and sand smooth.

**Mildew**
Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the surface for 10 minutes. Rinse thoroughly with water and allow the surface to dry before painting. Wear protective eyewear, waterproof gloves, and protective clothing. Quickly wash off any of the mixture that comes in contact with your skin. Do not add detergents or ammonia to the bleach/water solution.

**Caulking**
Gaps between walls, ceilings, crown moldings, and other interior trim can be filled with the appropriate caulk after priming the surface.

**MAINTENANCE**
It is important to keep Photo-Luminescent Interior Latex Flat Coating clean to ensure maximum performance. 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.
To assure maximum performance, wait at least two weeks before washing the dry paint film. When removing stains, dirt, and marks, use a soft cloth or sponge with clean water or general purpose household cleaner. Penetrating stains and marks may be removed either by applying a solution of household bleach in water and then rinsing with clean water; or by carefully using an abrasive cleaner and water. Avoid excessive abrasion from mechanical cleaning devices.

Waxing or over-coating/clear-coating is not permitted because this may affect the brightness of the paint.

**APPLICATION**
Stir well before using and occasionally during use.
Apply at temperatures above 50°F.
No reduction needed.

**Brush**
Use a nylon/polyester brush.

**Roller**
Use a 3/8” — ¾” nap synthetic cover.

**Spray— Airless**
Pressure — 2000 psi
Tip- .017”-.021”

**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.