



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 387-07-M

Manufacturer: Defense Holdings, Inc., 1005 N. Glebe Road,
Suite 500, Arlington, VA 22201

Trade Name(s): AfterGlo™

Product: High-performance Photoluminescent Safety Paint

Pertinent Code Section(s): §27-131, §27-383(b), Reference Standards RS 6-1
and RS 6-1A

Prescribed Test(s):

1. Brightness Rating – ISO 17398:2004
2. Washability – ASTM D4828
3. Toxicity – Bombardier SMP 800-C
4. Radioactivity – ASTM D3648-2004
5. Flame Spread – ASTM E162

Laboratory:

Brightness Rating: Intertek
Washability: DL Laboratories
Toxicity: Southwest Research Institute (SwRI)
Radioactivity: Southwest Research Institute (SwRI)
Flame Spread: Intertek

Test Report(s):

Brightness: Report No. 3126727CRT-001 (Intertek)
dated July 31, 2007.

Washability: Report No. DL-15426 (DL Lab) dated
November 1, 2007.

Toxicity: Report No. 01.12696.02.051 (SwRI)
dated August 10, 2007.

Radioactivity: Report No. 01-12700.06.018 (SwRI)
dated August 3, 2007.

Flame Spread: Report No. 3126727SAT-001 (Intertek)
dated July 31, 2007.

Description: AfterGlo™ High Performance photoluminescent green safety paint system is a kit consisting of a white base coat and a tough epoxy photoluminescent coat with an integrated sealer.

GENERAL USE DIRECTIONS:

Preparation:

- Remove rust and scale with a stiff bristle brush.
- Clean surface with soap and water; allow to dry thoroughly.

Application and Coverage:

- Use product when air and surface temperatures are between 50° and 90° F.
- This product must be used over white base coat. Refer to white base paint can for application instructions.
- Apply Photoluminescent Green Safety Paint over white base only after white base is dry to the touch. Refer to Photoluminescent Green Safety Paint can for mixing and application instructions.
- Apply an even coat of Photoluminescent Green Safety Paint over top of white base using a 3/8" nap roller cover, pad applicator or a nylon/polyester brush at a spread rate of 400-500 sq. ft. per gallon on smooth surfaces and 300-400 sq. ft. per gallon on rough surfaces.
- Allow Photoluminescent Green Safety Paint to dry 1 hour.
- A second coat may be applied if first coat failed to cover all of desired surface.
- Do not apply more than two coats.

Maintenance of Existing Line Markings

- Soiled marking clean up: wait at least 7 days before rinsing or cleaning with a mild detergent.
- Repair of scuffed or damaged markings: apply a coat of Photoluminescent Green Safety Paint to damaged area.
- Abrasive cleaners and pressure-washers should be used carefully to avoid premature failure of finish.

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 over-laminates, varnishes, or other coating shall be applied over AfterGlo™ High Performance Photoluminescent Green Safety Paint.

4. The accumulation of dirt on any photoluminescent product decreases its effectiveness due to the reduced ability of the activating light needed to charge the material, inhibiting the material's ability to emit luminance. Keep painted markings clean for maximum performance as per manufacturer's recommendations.
5. The paint and labeling shall comply with all applicable federal, state, and city laws and regulations.
6. The labels on the paint containers that are delivered to the installation site shall contain at least the following information: MEA No. 387-07-M, BR 50-10-8.

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.

Final Acceptance December 28, 2007

Examined By S. J. Deshpande