



Report of Materials and Equipment Acceptance Division

NYC Department of Buildings
280 Broadway, New York, NY 10007
Patricia Lancaster, FAIA, Commissioner
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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 239-05-M Vol. 3

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

Trade Name(s): AfterGlow®

Product: AfterGlow® #7550R - Film on rigid substrate

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 D 635-03

Laboratory:

Bodycote Materials Testing NA - Tests: 3 & 5
California Institute of Electronics & Material Science - Test 4
DL Labs Inc - Test 2
Intertek Group ETL - Test 1

Test Report(s):

Bodycote Materials Testing NA - Report #05-02-339(B) dated 5/16/05 and 05-02-485(B) dated 6/20/05
California Institute of Electronics & Material Science Report #850950281 dated 5/18/05
DL Labs Inc. - Report #DL-14484A-1 dated 6/14/05
Intertek Group ETL - Report #3078094-002 dated 6/9/05.

Description: #7550R AfterGlow® is a photoluminescent film on a rigid flame-retardant plastic substrate. This safety grade photoluminescent material is designed to meet requirements of RS6-1 NYC LL26.

Model Number	Catalogue Description	Size (Approx.)
50R-1SN-F	Directional Sign - Forward	4.5" x 8"
50R-1SN-UR	Directional Sign - Up Right	4.5" x 8"
50R-1SN-R	Directional Sign - Right	4.5" x 8"
50R-1SN-DR	Directional Sign - Down Right	4.5" x 8"
50R-1SN-D	Directional Sign - Down	4.5" x 8"
50R-1SN-DL	Directional Sign - Down Left	4.5" x 8"
50R-1SN-L	Directional Sign - Left	4.5" x 8"
50R-1SN-UL	Directional Sign - Up Left	4.5" x 8"
50R-2SN-R	Exit Sign - Right	4.5" x 13"
50R-2SN-L	Exit Sign - Left	4.5" x 13"
50R-3SN-R	Final Exit Sign - Right	11" x 8"
50R-3SN-UR	Final Exit Sign - Up Right	11" x 8"
50R-3SN-UL	Final Exit Sign - Up Left	11" x 8"
50R-3SN-L	Final Exit Sign - Left	11" x 8"
50R-3SN-C	Final Exit Sign - Custom Legend	11" x 8"
50R-4SN-R	Exit Through Lobby Sign - Right	7" x 16"
50R-4SN-UR	Exit Through Lobby Sign - Up Right	7" x 16"
50R-4SN-UL	Exit Through Lobby Sign - Up Left	7" x 16"
50R-4SN-L	Exit Through Lobby Sign - Left	7" x 16"
50R-4SN-C	Exit Through Lobby Sign - Custom Legend	7" x 16"
50R-5SN	Not An Exit Sign	6.5" x 5.5"
50R-5SN-C	Not An Exit Sign - Custom Legend	6.5" x 5.5"
50R-6SN-R	Wall Mount Exit Sign - Right	9" x 8"
50R-6SN-UR	Wall Mount Exit Sign - Up Right	9" x 8"
50R-6SN-DR	Wall Mount Exit Sign - Down Right	9" x 8"
50R-6SN-DL	Wall Mount Exit Sign - Down Left	9" x 8"
50R-6SN-UL	Wall Mount Exit Sign - Up Left	9" x 8"
50R-6SN-L	Wall Mount Exit Sign - Left	9" x 8"
50R-6SN-C	Wall Mount Exit Sign - Custom Legend	9" x 8"
50R-7SN-E	Door Handle Markers - Exit	6" x 4"
50R-7SN-P	Door Handle Markers - Push	6" x 4"
50R-7SN-C	Door Handle Markers - Custom Legend	6" x 4"
50R-8SN-C *	Stairwell & Floor Sign - Custom Legend*	10" x 10"
50R-DH	4" x 4" Rigid Door Marker	4-1/16" x 4-1/16"
50R-DH-C	Custom Rigid Door Marker	16 sq. in. min.
50R-L1	1" x 3" x 9" Rigid Stair Marker	1" x 3" x 9"
50R-L2	2" x 4" x 9" Rigid Stair Marker	2" x 4" x 9"
50R-L1-C	1" x 3" x Custom Rigid Stair Marker	1" x 3" x custom
50R-L2-C	2" x 4" x Custom Rigid Stair Marker	2" x 4" x custom
50R-1x48	1" x 48" Rigid Strip	1" x 48"
50R-2x48	2" x 48" Rigid Strip	2" x 48"

Notes: The model(s) with asterisks comply with laboratory tests but do not satisfy the design and/or dimensional requirements for mandatory installations under Section 2.1 and 2.2 of RS 6-1. These models with asterisks may be installed only as "additional signs and markings" under Section 2.5 of RS 6-1.

Terms and Conditions: The above units be accepted on condition that:

1. Pathway markings of green color shall be in compliance with ANSI Z535.1 Safety Color Code.
2. Arrows and egress symbols shall comply with ISO 7010 E001, E002, E003, and E004.
3. All approved materials shall be labeled and identified with the model number as well as with MEA No. 239-05-M. BR: 52-12-8 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.
4. No radioactive materials are to be used.
5. All signs and markings shall conform to the pictorial representations submitted with this application.
6. All models directing persons to exits are to be installed at a low-location so as not to confuse with other required exit signage.
7. That no additional transparent or translucent overlaminates, varnishes, or other coatings be applied to the photoluminescent portions of the marking.
8. This acceptance is limited to the materials used and does not include the installation for compliance with §27-383(b) and Reference Standard 61, which is the responsibility of the building owner.
9. 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 New York City Building Code.

Final Acceptance October 30, 2007

Examined by Sam Dertshidam