



# 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 242-07-M

**Manufacturer:** Availvs Corporation, 7-4 Rokuban-cho, Chiyoda-ku, Tokyo 102-0085 JAPAN

**Trade Name(s):** ALUCIALL

**Product:** Photoluminescent signs and markings

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

**Prescribed Test(s):**

1. Brightness Ratings – ISO 17398: 2004
2. Washability ASTM D4828-1994 (2003)
3. Toxicity Bombardier SMP 800-C
4. Radioactivity ASTM D3648-2004
5. Flame Spread ASTM E162-2002

**Laboratory:** Laboratories:  
California Institute of Electronics and Material Science (CIEMS) – Tests: 1 & 4  
DL Labs, Inc. – Test 2  
VTEC Laboratories, Inc. – Tests: 3 & 5

**Test Report(s):** CIEMS Test Reports: 950621322, 950621432  
DL Labs, Inc.: DL-15127I-R  
VTEC Test Reports: 100-2612-9, 100-2310-1.

**Description:** Engineered Quartz Stone, .040 inch thickness, including photoluminescent pigment.

Part Name	Size(in.) (approx.)	Model Number	Drawing Number
Sign - Exit Right Down, Green Letters	8.5"x10.3"	AS-FAASHHP0001	PD-06012401
Sign - Exit Right Down, Green Background	8.5"x10.3"	AS-FAASHHP0002	PD-06012401
Sign - Exit Left Down, Green Letters	8.5"x10.3"	AS-FAASHHP0003	PD-06012402
Sign - Exit Left Down, Green Background	8.5"x10.3"	AS-FAASHHP0004	PD-06012402

<b>Part Name</b>	<b>Size(in.) (approx.)</b>	<b>Model Number</b>	<b>Drawing Number</b>
Sign - Right, Green Signs	4 3/4"x8.5"	AS-FAASHHP0005	PD-06012403
Sign - Right, Green Background	4 3/4"x8.5"	AS-FAASHHP0006	PD-06012403
Sign - Left, Green Signs	4 3/4"x8.5"	AS-FAASHHP0007	PD-06012404
Sign - Left, Green Background	4 3/4"x8.5"	AS-FAASHHP0008	PD-06012404
Sign - Right Up, Green Signs	4 3/4"x8.5"	AS-FAASHHP0009	PD-06012405
Sign - Right Up, Green Background	4 3/4"x8.5"	AS-FAASHHP0010	PD-06012405
Sign - Left Up, Green Signs	4 3/4"x8.5"	AS-FAASHHP0011	PD-06012406
Sign - Left Up, Green Background	4 3/4"x8.5"	AS-FAASHHP0012	PD-06012406
Sign - Right Down, Green Signs	4 3/4"x8.5"	AS-FAASHHP0013	PD-06012407
Sign - Right Down, Green Background	4 3/4"x8.5"	AS-FAASHHP0014	PD-06012407
Sign - Left Down, Green Signs	4 3/4"x8.5"	AS-FAASHHP0015	PD-06012408
Sign - Left Down, Green Background	4 3/4"x8.5"	AS-FAASHHP0016	PD-06012408
Sign - Up, Green Signs	4 3/4"x8.5"	AS-FAASHHP0017	PD-06012409
Sign - Up, Green Background	4 3/4"x8.5"	AS-FAASHHP0018	PD-06012409
Sign - Down, Green Signs	4 3/4"x8.5"	AS-FAASHHP0019	PD-06012410
Sign - Down, Green Background	4 3/4"x8.5"	AS-FAASHHP0020	PD-06012410
Sign - Exit To Street, Right Down, Green Letters	7 1/8"x17"	AS-FAASHHP0023	PD-06012412
Sign - Exit To Street, Right Down, Green Background	7 1/8"x17"	AS-FAASHHP0024	PD-06012412
Sign - Exit To Street, Left Down, Green Letters	7 1/8"x17"	AS-FAASHHP0025	PD-06012413
Sign - Exit To Street, Left Down, Green Background	7 1/8"x17"	AS-FAASHHP0026	PD-06012413
Sign - Final Exit, Right Down, Green Letters	8.5"x14"	AS-FAASHHP0027	PD-06012414
Sign - Final Exit, Right Down, Green Background	8.5"x14"	AS-FAASHHP0028	PD-06012414
Sign - Final Exit, Left Down, Green Letters	8.5"x13 1/8"	AS-FAASHHP0029	PD-06012415
Sign - Final Exit, Left Down, Green Background	8.5"x13 1/8"	AS-FAASHHP0030	PD-06012415
Sign - Exit Through Lobby, Right Down, Green Letters	7.1"x17"	AS-FAASHHP0031	PD-06012416
Sign - Exit Through Lobby, Right Down, Green Background	7.1"x17"	AS-FAASHHP0032	PD-06012416
Sign - Exit Through Lobby, Left Down, Green Letters	7.1"x17"	AS-FAASHHP0033	PD-06012417
Sign - Exit Through Lobby, Left Down, Green Background	7.1"x17"	AS-FAASHHP0034	PD-06012417
Sign - EXIT, Green Letters	4.72"x13.5"	AS-FAASHHP0035	PD-06012418
Sign - EXIT, Green Background	4.72"x13.5"	AS-FAASHHP0036	PD-06012418
Sign - PUSH, Green Letters	1.2"x2"	AS-FAASHHP0037	PD-06012419
Sign - PUSH, Green Background	1.2"x2"	AS-FAASHHP0038	PD-06012419
Obstacle Marking	1"xL"	AS-FAAMHHP01LL	PD-06012420
Baseboard with PL Stripe-Black	3" x L"	AS-FAABHHP12LL	PD-06012423
Baseboard with PL Stripe-Dark Green	3" x L"	AS-FAABHHP13LL	PD-06012423
Baseboard with PL Stripe-Green	3" x L"	AS-FAABHHP14LL	PD-06012423
Baseboard with PL Stripe-Blue	3" x L"	AS-FAABHHP15LL	PD-06012423
Baseboard with PL Stripe-Red	3" x L"	AS-FAABHHP16LL	PD-06012423

**Terms and Conditions:** The above photoluminescent pathway markings are accepted under the following conditions:

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 70100 E001, E002, E003 and E004.
3. All approved materials shall be labeled and identified with model number as well as with the MEA No. 242-07-M. BR: 72-16-12 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 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 portion of the marking.
8. 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.
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.

**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 8, 2007

Examined By Simon Derkshof