



## 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 355-05-M**

**Manufacturer:** Expro Industries Inc.  
9 Main Street, Suite 303  
Corner Brook, NL, Canada A2H 6C9  
Telephone Number: (709) 639-3140  
Fax: (709) 639-3143

**Trade Name(s):** Visible Safety™, Stanglow™

**Product:** Photoluminescent coated aluminum, medium-high luminance signs and markings

**Pertinent Code Section(s):** §27-383(b), Reference Standards RS 6-1 and RS6-1A

**Prescribed Test(s):**

1. Brightness Ratings – 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 635-2003

**Laboratory:** California Institute of Electronics and Material Science – Tests 1 and 4;  
  
Bodycote Materials Testing Canada Inc.--  
Tests 2, 3 and 5;

**Test Report(s):** Test 1: California Institute of Electronics and Material Science, No. 950390991-2, September 19, 2005.

- Test 2: Bodycote Materials Testing  
Canada Inc., No. 05-04-2106-2,  
September 30, 2005.
- Test 3: Bodycote Materials Testing  
Canada Inc., No. 05-02-623(B),  
September 1, 2005.
- Test 4: California Institute of Electronics  
and Material Science, No.  
950390991-4, September 19,  
2005
- Test 5: Bodycote Materials Testing  
Canada Inc., No. 05-02-623(A),  
September 1, 2005.

**Ghyy**                      **Description:** Aluminum extruded material up to 1/8" thick, with a 1/16" photoluminescent layer of medium-high luminance; signs and markings.

Catalogue Description	Size (in.) (approx.)	Model No.
<b>Door Signs</b>		
Exit, standard	5.5" x 13.375"	E4-1
Exit, reverse	5.5" x 13.375"	E4-2
Exit, up, standard	10" x 12"	E4-3
Exit, up, reverse	10" x 12"	E4-4
Exit, up right, standard	10" x 12"	E4-5
Exit, up right, reverse	10" x 12"	E4-6
Exit, right, standard	10" x 12"	E4-7
Exit, right, reverse	10" x 12"	E4-8
Exit, right down, standard	10" x 12"	E4-9
Exit, right down, reverse	10" x 12"	E4-10
Exit, down, standard	10" x 12"	E4-11
Exit, down, reverse	10" x 12"	E4-12
Exit, down left, standard	10" x 12"	E4-13
Exit, down left, reverse	10" x 12"	E4-14
Exit, left, standard	10" x 12"	E4-15
Exit, left, reverse	10" x 12"	E4-16
Exit, up left, standard	10" x 12"	E4-17
Exit, up left, reverse	10" x 12"	E4-18
Push to open	1" x 30"	E4-19

Push to open	2" x 30"	E4-20
Exit bar	1" x 30"	E4-21
Exit bar	2" x 30"	E4-22
Single door kit, c/w handle marker	1" x 20'	E4-23
Single door kit, c/w handle marker	2" x 20'	E4-24
Double door kit, c/w handle marker	1" x 27'	E4-25
Double door kit, c/w handle marker	2" x 27'	E4-26
<b>Directional Signs</b>		
Running man, up, standard	5.5" x 10"	E4-27
Running man, up, reverse	5.5" x 10"	E4-28
Running man, up right, standard	5.5" x 10"	E4-29
Running man, up right, reverse	5.5" x 10"	E4-30
Running man, right, standard	5.5" x 10"	E4-31
Running man, right, reverse	5.5" x 10"	E4-32
Running man, right down, standard	5.5" x 10"	E4-33
Running man, right down, reverse	5.5" x 10"	E4-34
Running man, down, standard	5.5" x 10"	E4-35
Running man, down, reverse	5.5" x 10"	E4-36
Running man, down left, standard	5.5" x 10"	E4-37
Running man, down left, reverse	5.5" x 10"	E4-38
Running man, left, standard	5.5" x 10"	E4-39
Running man, left, reverse	5.5" x 10"	E4-40
Running man, up left, standard	5.5" x 10"	E4-41
Running man, up left, reverse	5.5" x 10"	E4-42
Obstacle strip, black	1" x 39"	E4-43
Obstacle strip, black	2" x 39"	E4-46
Not an exit, standard	4.5" x 12"	E4-49
Not an exit, reverse	4.5" x 12"	E4-50
Not an exit, standard	6.5" x 14"	E4-51
Not an exit, reverse	6.5" x 14"	E4-52
Exit through lobby, up, standard	8.5" x 19.5"	E4-53
Exit through lobby, up, reverse	8.5" x 19.5"	E4-54
Exit through lobby, up right, standard	8.5" x 19.5"	E4-55
Exit through lobby, up right, reverse	8.5" x 19.5"	E4-56
Exit through lobby, right, standard	8.5" x 19.5"	E4-57

Exit through lobby, right, reverse	8.5" x 19.5"	E4-58
Exit through lobby, right down, standard	8.5" x 19.5"	E4-59
Exit through lobby, right down, reverse	8.5" x 19.5"	E4-60
Exit through lobby, down, standard	8.5" x 19.5"	E4-61
Exit through lobby, down, reverse	8.5" x 19.5"	E4-62
Exit through lobby, down left, standard	8.5" x 19.5"	E4-63
Exit through lobby, down left, reverse	8.5" x 19.5"	E4-64
Exit through lobby, left, standard	8.5" x 19.5"	E4-65
Exit through lobby, left, reverse	8.5" x 19.5"	E4-66
Exit through lobby, up left, standard	8.5" x 19.5"	E4-67
Exit through lobby, up left, reverse	8.5" x 19.5"	E4-68
Final exit, up, standard	9.5" x 16"	E4-69
Final exit, up, reverse	9.5" x 16"	E4-70
Final exit, up right, standard	9.5" x 16"	E4-71
Final exit, up right, reverse	9.5" x 16"	E4-72
Final exit, right, standard	9.5" x 16"	E4-73
Final exit, right, reverse	9.5" x 16"	E4-74
Final exit, right down, standard	9.5" x 16"	E4-75
Final exit, right down, reverse	9.5" x 16"	E4-76
Final exit, down, standard	9.5" x 16"	E4-77
Final exit, down, reverse	9.5" x 16"	E4-78
Final exit, down left, standard	9.5" x 16"	E4-79
Final exit, down left, reverse	9.5" x 16"	E4-80
Final exit, left, standard	9.5" x 16"	E4-81
Final exit, left, reverse	9.5" x 16"	E4-82
Final exit, up left, standard	9.5" x 16"	E4-83
Final exit, up left, reverse	9.5" x 16"	E4-84
Exit to street, up, standard	8.5" x 19.5"	E4-85
Exit to street, up, reverse	8.5" x 19.5"	E4-86
Exit to street, up right, standard	8.5" x 19.5"	E4-87
Exit to street, up right, reverse	8.5" x 19.5"	E4-88
Exit to street, right, standard	8.5" x 19.5"	E4-89
Exit to street, right, reverse	8.5" x 19.5"	E4-90
Exit to street, right down, standard	8.5" x 19.5"	E4-91
Exit to street, right down, reverse	8.5" x 19.5"	E4-92

Exit to street, down, standard	8.5" x 19.5"	E4-93
Exit to street, down, reverse	8.5" x 19.5"	E4-94
Exit to street, down left, standard	8.5" x 19.5"	E4-95
Exit to street, down left, reverse	8.5" x 19.5"	E4-96
Exit to street, left, standard	8.5" x 19.5"	E4-97
Exit to street, left, reverse	8.5" x 19.5"	E4-98
Exit to street, up left, standard	8.5" x 19.5"	E4-99
Exit to street, up left, reverse	8.5" x 19.5"	E4-100
<b>Identification Signs</b>		
Emergency telephone *	8" x 8"	G4-1
Emergency first aid *	8" x 8"	G4-2
Emergency eye wash station *	8" x 8"	G4-3
Emergency shower *	8" x 8"	G4-4
Emergency stop button *	8" x 8"	G4-5
Emergency first aid *	5" x 11"	G4-6
Emergency telephone *	5" x 11"	G4-7
Emergency eye wash station *	5" x 11"	G4-8
Emergency equipment *	5" x 11"	G4-9
Safety equipment *	5" x 11"	G4-10
Emergency stretcher *	5" x 11"	G4-11
Emergency shower *	5" x 11"	G4-12
Breathing apparatus, mask *	5" x 11"	G4-13
Breathing apparatus, check *	5" x 11"	G4-14
Protective equipment *	5" x 11"	G4-15
Emergency stop *	5" x 11"	G4-16
Smoke hood *	5" x 11"	G4-17
Letter A *	4" x 9"	G4-18
Letter B *	4" x 9"	G4-19
Letter C *	4" x 9"	G4-20
Letter D *	4" x 9"	G4-21
Letter E *	4" x 9"	G4-22
Letter F *	4" x 9"	G4-23
Number 1 *	4" x 9"	G4-24
Number 2 *	4" x 9"	G4-25
Number 3 *	4" x 9"	G4-26

Number 4 *	4" x 9"	G4-27
Number 5 *	4" x 9"	G4-28
Number 6 *	4" x 9"	G4-29
Number 7 *	4" x 9"	G4-30
Number 8 *	4" x 9"	G4-31
Number 9 *	4" x 9"	G4-32
Number 0 *	4" x 9"	G4-33
Stairway *	5" x 11"	G4-34
Medical locker *	8" x 8"	G4-35
Wheelchair egress left *	4 ½" x 8"	G4-36
Wheelchair egress right *	4 ½" x 8"	G4-37
Push *	4" x 9"	G4-38
Turn to open *	4" x 9"	G4-39
First aid *	8" x 10"	G4-40
<b>Fire Signs</b>		
Fire number 1 *	8" x 8"	G4-59
Fire number 2 *	8" x 8"	G4-60
Fire number 3 *	8" x 8"	G4-61
Fire number 4 *	8" x 8"	G4-62
Fire number 5 *	8" x 8"	G4-63
Fire number 6 *	8" x 8"	G4-64
Fire number 7 *	8" x 8"	G4-65
Fire number 8 *	8" x 8"	G4-66
Fire number 9 *	8" x 8"	G4-67
Fire number 0 *	8" x 8"	G4-68
Fire letter A *	8" x 8"	G4-69
Fire letter B *	8" x 8"	G4-70
Fire letter C *	8" x 8"	G4-71
Fire letter D *	8" x 8"	G4-72
Fire letter E *	8" x 8"	G4-73
Fire letter F *	8" x 8"	G4-74
Fire alarm *	6" x 11"	G4-41
Fire telephone *	6" x 11"	G4-42
In case of fire break glass *	6" x 11"	G4-43
Fire extinguisher *	6" x 11"	G4-44

For use on any fires *	6" x 11"	G4-45
Fire hose *	6" x 11"	G4-46
Fire blanket *	6" x 11"	G4-47
For use on electrical fires *	6" x 11"	G4-48
Fire pump start button *	6" x 11"	G4-49
Fireman's suit *	6" x 11"	G4-50
For use on flammable liquid fires *	6" x 11"	G4-51
Sprinkler stop valve *	6" x 11"	G4-52
Fire extinguisher *	8" x 8"	G4-53
Fire telephone *	8" x 8"	G4-54
Fire hose reel *	8" x 8"	G4-55
Fire extinguisher *	8" x 10"	G4-56
Fire hose reel *	8" x 10"	G4-57
Fire alarm *	8" x 10"	G4-58

**Notes:**

\* The model(s) with asterisks comply with laboratory test 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:** That 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. All approved materials shall be labeled and identified with the model number as well as the MEA No. MEA 355-05-M and BR: 41-10-7, 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 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 non-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 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.

Per §27-131(d), all materials tested and acceptable for use, shall be subject to periodic retesting as determined by the commissioner; and any materials 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.

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 Building Code.

Final Acceptance December 7, 2005  
Examined By Simon Derphedam