



NYC Department of Buildings  
280 Broadway, New York, NY 10007  
Patricia Lancaster, FAIA, Commissioner  
(212) 566-5000, TTY: (212) 566-4769

## 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 333-05-M Vol. 2

**Manufacturer:** Luna Technologies International Inc., 445 Park Avenue, 9<sup>th</sup> Floor, New York, N.Y. 10022

**Trade Name(s):** Lunaplast™,  
Corbin Russwin™  
Yale™  
Sargent™  
Von Duprin™

**Product:** Lunaplast™ Powdercoat - Photoluminescent powdercoat on metal 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 E 162-2002

**Laboratory:** Underwriters Laboratories, Inc. – Tests: 1, 2, 3, 5  
California Institute of Electronics & Material Science – Test 4

**Test Report(s):** Underwriters Laboratories, Inc. – Report #05SC04067, dated September 9, 2005  
California Institute of Electronics & Material Science Report #950280713, dated August 31, 2005 and #1060390102, dated September 20, 2006  
Bodycote Materials Testing Inc. – Report #06-08-0110, dated September 25, 2006.

**Description:** Powdercoated metal material.

Model Number		Catalogue Description
E	-00	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (R.); GN
E	-01	SIGN; EGRESS; PATH; LAND; RML (L.); "EXIT" (R); GN
E	-02	SIGN; EGRESS; PATH; LAND; "EXIT" (T.L); RMR (T.R.); "FOR EMERGENCY USE ONLY" (B);GN
E	-03	SIGN; EGRESS; PATH; PORT; RMR (T.L.); UARR (T.R.); "EXIT" (B); GN
E	-04	SIGN; EGRESS; PATH; PORT; RMR (T.L.); RUARR (T.R.); "EXIT" (B); GN
E	-05	SIGN; EGRESS; PATH; PORT; RMR (T.L.); RDARR (T.R.); "EXIT" (B); GN
E	-06	SIGN; EGRESS; PATH; PORT; LDARR (T.L.); RML (T.R.); "EXIT" (B); GN
E	-07	SIGN; EGRESS; PATH; PORT; LUARR (T.L.); RML (T.R.); "EXIT" (B); GN
D	-00	SIGN; EGRESS; PATH; LAND; RMR (L.); UARR (R); GN
D	-01	SIGN; EGRESS; PATH; LAND; RMR (L.);RUARR (R); GN
D	-02	SIGN; EGRESS; PATH; LAND; RMR (L.); RARR (R); GN
D	-03	SIGN; EGRESS; PATH; LAND; RMR (L.); RDARR (R); GN
D	-04	SIGN; EGRESS; PATH; LAND; RMR (L.); DARR (R); GN
D	-05	SIGN; EGRESS; PATH; LAND; LDARR (L); RML (R.); GN
D	-06	SIGN; EGRESS; PATH; LAND; LARR (L); RML (R.); GN
D	-07	SIGN; EGRESS; PATH; LAND; LUARR (L); RML (R.); GN
D	-08	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (M.); UARR (R); GN
D	-09	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (M.); RUARR (R); GN
D	-10	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (M.); RARR (R); GN
D	-11	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (M.); RDARR (R); GN
D	-12	SIGN; EGRESS; PATH; LAND; "EXIT" (L); RMR (M.); DARR (R); GN
D	-13	SIGN; EGRESS; PATH; LAND; LDARR (L); RML (M.); "EXIT" (R); GN
D	-14	SIGN; EGRESS; PATH; LAND; LARR (L); RML (M.); "EXIT" (R); GN
D	-15	SIGN; EGRESS; PATH; LAND; LUARR (L); RML (M.); "EXIT" (R); GN
E	-08	SIGN; EGRESS; F.EXIT; PORT; RMR (U.L); UARR (U,R.); "FINAL EXIT" (B); GN
E	-09	SIGN; EGRESS; F.EXIT; LAND; "EXIT" (U,L); RMR (U.M); UARR (U,R.); "THROUGH LOBBY" (B); GN
E	-09	C SIGN; EGRESS; F.EXIT; LAND; "EXIT" (U,L); RMR (U.M); UARR (U,R.); "CUSTOM TEXT" (B); GN
E	-10	SIGN; EGRESS; F.EXIT; LAND; "EXIT" (U,L); RMR (U.M); UARR (U,R.); "TO STREET" (B); GN
E	-10	C SIGN; EGRESS; F.EXIT; LAND; "EXIT" (U,L); RMR (U.M); UARR (U,R.); "CUSTOM TEXT" (B); GN
E	-11	SIGN; EGRESS; F.EXIT; LAND; PSARR (L); "PUSH TO OPEN" (R.); GN
E	-12	SIGN; EGRESS; F.EXIT; LAND; "PUSH TO OPEN" (M); GN
E	-13	SIGN; EGRESS; F.EXIT; SQUARE; CCWARR; GN
E	-14	SIGN; EGRESS; F.EXIT; SQUARE; CWARR; GN
E	-15	SIGN; EGRESS; F.EXIT; SQUARE; BLANK; GN
E	-16	SIGN; EGRESS; PATH; LAND; "NOT AN EXIT" (M); GN
D	-21	SIGN; EGRESS; PATH; SMRND; BLANK*
D	-22	SIGN; EGRESS; PATH; SMRND; ARR; GN*
D	-23	SIGN; EGRESS; PATH; LGRND; BLANK*
D	-24	SIGN; EGRESS; PATH; LGRND; ARR; GN*
D	-25	SIGN; EGRESS; PATH; LAND; ARR; GN*

D	-16		SIGN; EGRESS; PATH; SQUARE; ARR (ANGLE); GN
D	-17		SIGN; EGRESS; PATH; SQUARE; ARR (STRAIGHT); GN
D	-18		SIGN; EGRESS; PATH; SQUARE; RMR (R); GN
D	-19		SIGN; EGRESS; PATH; SQUARE; RML (L); GN
D	-20		SIGN; EGRESS; PATH; LAND; "EXIT"; GN
F	-00		SIGN; MARK; FIREEQ; PORT; EXTGR (T.L.); FLM (T.R.); "FIRE EXTINGUISHER" (B); RD*
F	-01		SIGN; MARK; FIREEQ; PORT; ALRM (T.L.); FLM (T.R.); "FIRE ALARM" (B); RD*
F	-02		SIGN; MARK; FIREEQ; PORT; HOSE (T.L.); FLM (T.R.); "FIRE HOSE" (B); RD*
F	-03		SIGN; MARK; FIREEQ; PORT; PH (T.L.); FLM (T.R.); "FIRE PHONE" (B); RD*
F	-04		SIGN; MARK; FIREEQ; PORT; EXTGR (L.); FLM (R.); RD*
F	-05		SIGN; MARK; FIREEQ; PORT; ALRM (L.); FLM (R.); RD*
F	-06		SIGN; MARK; FIREEQ; PORT; HOSE (L.); FLM (R.); RD*
F	-07		SIGN; MARK; FIREEQ; PORT; PH (L.); FLM (R.); RD*
F	-08		SIGN; MARK; FIREEQ; PORT; LGARR (OUT); FIRE EXTINGUISHER (IN);RD*
F	-09		SIGN; MARK; FIREEQ; PORT; LGARR (OUT); "FIRE HOUSE" (IN); RD*
F	-10		SIGN; MARK; FIREEQ; PORT; ALRM (T.L.); FLM (T.R.); "IN CASE OF FIRE, PULL TO SOUND ALARM" (B); BL; RD*
F	-11		SIGN; MARK; FIREEQ; ALRM; (T.L.); FLM (T.R.); "PUSH BUTTON TO SOUND FIRE ALARM" (B); BL; RD*
F	-12		SIGN; MARK; FIREEQ; PORT; BKGLS (T.L.); FLM (T.R.); "IN CASE OF FIRE, BREAK GLASS" (B); BL; RD*
F	-13		SIGN; MARK; FIREEQ; PORT; STR (T.L.); FLM (T.R.); "IN CASE OF FIRE, USE THE STAIRWAYS" (M.L.)
I	-00		SIGN; INFO; EQ; LAND; CRSS (L.); "FIRST AID" (R.); BL*
I	-00	C	SIGN; CUSTOM MARKING; "CUSTOM TEXT"*
I	-01		SIGN; INFO; EQ; LAND; CRSS (L); "EMERGENCY EQUIPMENT" (R); BL*
I	-02		SIGN; INFO; EQ; LAND; "ASSEMBLY STATION" (L); ASSBL (R); BL*
I	-03		SIGN; INFO; EQ; LAND; LDDR (L); "ESCAPE LADDER" (R); BL*
I	-04		SIGN; INFO; LOC; LAND; "STAIR ID" (L); "FLOOR ID" (R); "VARIOUS TEXT – RE-ENTRY DETAIL"(B); BL*
I	-05		SIGN; INFO; LOC; LAND; "STAIR ID" (L); "FLOOR ID" (R); "RE-ENTRY ON THIS FLOOR" (B); BL*
I	-06		SIGN; INFO; LOC; LAND; "STAIR ID" (L); "FLOOR ID" (R); "NO RE-ENTRY ON THIS FLOOR" (B); BL*
I	07		SIGN; INFO; EQ; PORT; "AED" (T); "AUTOMATED EXTERNAL DEFIBRILATOR" (M); AED (B); BL*
I	-08		SIGN; MARK; FIREEQ; LAND; PH (L); "EMERGENCY TELEPHONE" (R); RD*
I	-09		SIGN; MARK; FIREEQ; LAND; SH (L); "EMERGENCY SHOWER" (R); RD*
I	-10		SIGN; MARK; FIREEQ; LAND; CHK (L); "BREATHING APPARATUS" (R); RD*
I	-11		SIGN; MARK; LOC; LAND; CHK (L); "IN CASE OF FIRE, YOUR ASSEMBLY POINT IS:" (R); RD*
I	-12		SIGN; MARK; EQ; LAND; IWASH (L); "EMERGENCY EYE WASH" (R); RD*
I	-13		SIGN; MARK; FEQ; LAND; TAP (L); "DRINKING WATER" (R); RD*
I	-14		SIGN; INFO; FIREEQ; LAND; STRCHR; (L); "STRETCHER" (R); RD*

F	-18	SIGN; MARK; FIREEQ; LAND; EXTGR (L); FLM (M.L); "FOR USE ON ELECTRICAL FIRES" (M.R); FLM (R); RD*
F	-19	SIGN; MARK; FIREEQ; LAND; FHMT (L); FLM (M.L); "SPRINKLER STOP VALVE" (M.R); FLM (R); RD*
F	-20	SIGN; MARK; FIREEQ; LAND; HOSE (L); FLM (M.L); "OPEN VALVE BEFORE RUNNING OUT HOSE" (M.R); FLM (R); RD*
F	-21	SIGN; MARK; FIREEQ; LAND; FHMT (L); "DRY RISER" (M.R); FLM (R); RD*
F	-22	SIGN; MARK; FIREEQ; LAND; EXTGR (L); FLM (M.L); "HALON EXTINGUISHER, FOR USE ON COMPUTER EQUIPMENT ONLY" (M.R); FLM (R); RD*
F	-23	SIGN; MARK; FIREEQ; LAND; EXTGR (L); FLM (M.L); "CARBON DIOXIDE FOR USE ON ELECTRICAL OR FLAMMABLE LIQUID FIRES" (M.R); FLM (R); RD*
F	-24	SIGN; MARK; FIREEQ; LAND; EXTGR (L); FLM (M.L); "FOR USE ON FLAMMABLE LIQUID FIRES" FLM (R); RD*
F	-25	SIGN; MARK; FIREEQ; LAND; EXTGR (L); FLM (M.L); "DO NOT USE ON ELECTRICAL FIRES" (M.R); FLM (R); RD*
F	-26	SIGN; MARK; FIREEQ; LAND; FHMT (L); FLM (M.L); "FOAM INLET" (M.R); FLM (R); RD*
F	-27	SIGN; MARK; FIREEQ; LAND; FHMT (L); FLM (M.L); "WET RISER" (M.R); FLM (R); RD*
F	-14	SIGN; MARK; FIREEQ; PORT; HTCHBR; "FIRE ALARM" (T); DARR (B); RD*
F	-15	SIGN; MARK; FIREEQ; PORT; HTCHBR; "FIRE PHONE" (T); DARR (B); RD*
F	-16	SIGN; MARK; FIREEQ; PORT; HTCHBR; "FIRE HOSE" (T); DARR (B); RD*
F	-17	SIGN; MARK; FIREEQ; PORT; HTCHBR; "FIRE EXTINGUISHER" (T); DARR (B); RD*
WF	-01	STREGM; EGRESS; PATH; BLANK STRIP -1"
WF	-03	STREGM; EGRESS; PATH; BLANK STRIP -2"
WF	-04	STREGM; EGRESS; PATH; HAZARD STRIP -1"
WF	-05	STREGM; EGRESS; PATH; HAZARD STRIP -2"
WF	-07	STREGM; EGRESS; PATH; SIDE EDGE MARKINGS - 9"
WF	-08	STREGM; EGRESS; PATH; SIDE EDGE MARKINGS -12"
WF	-09A	STREGM; EGRESS; PATH; ALUMINUM STAIR EDGE NOSING
WF	-09B	STREGM; EGRESS; PATH; ALUMINUM STAIR EDGE NOSING, BULLNOSE
I	-15	SIGN; MARK; LOC; PORT; "A"; BL*
I	-16	SIGN; MARK; LOC; PORT; "B"; BL*
I	-17	SIGN; MARK; LOC; PORT; "C"; BL*
I	-18	SIGN; MARK; LOC; PORT; "D"; BL*
I	-19	SIGN; MARK; LOC; PORT; "E"; BL*
I	-20	SIGN; MARK; LOC; PORT; "F"; BL*
I	-21	SIGN; MARK; LOC; PORT; "1"; BL*
I	-22	SIGN; MARK; LOC; PORT; "2"; BL*
I	-23	SIGN; MARK; LOC; PORT; "3"; BL*
I	-24	SIGN; MARK; LOC; PORT; "4"; BL*
I	-25	SIGN; MARK; LOC; PORT; "5"; BL*
I	-26	SIGN; MARK; LOC; PORT; "+"; BL*
I	-27	SIGN; MARK; LOC; PORT; "6"; BL*
I	-28	SIGN; MARK; LOC; PORT; "7"; BL*
I	-29	SIGN; MARK; LOC; PORT; "8"; BL*

I	-30		SIGN; MARK; LOC; PORT; "9"; BL*
I	-31		SIGN; MARK; LOC; PORT; "0"; BL*
I	-32		SIGN; MARK; LOC; PORT; "-"; BL*
I	-33		SIGN; MARK; LOC; LAND; "FLOOR"; BL*
I	-34		SIGN; MARK; LOC; LAND; "STAIR"; BL*
I	-35		SIGN; MARK; LOC; LAND; "BASEMENT"; BL*
I	-36		SIGN; MARK; LOC; LAND; "GROUND FLOOR"; BL*
I	-37		SIGN; MARK; LOC; PORT; "G"; BL*
I	-38		SIGN; MARK; LOC; PORT; "L"; BL*
I	-39		SIGN; MARK; LOC; PORT; "A"; BL*
I	-40		SIGN; MARK; LOC; PORT; "B"; BL*
I	-41		SIGN; MARK; LOC; PORT; "C"; BL*
I	-42		SIGN; MARK; LOC; PORT; "D"; BL*
I	-43		SIGN; MARK; LOC; PORT; "E"; BL*
I	-44		SIGN; MARK; LOC; PORT; "F"; BL*
I	-45		SIGN; MARK; LOC; PORT; "1"; BL*
I	-46		SIGN; MARK; LOC; PORT; "2"; BL*
I	-47		SIGN; MARK; LOC; PORT; "3"; BL*
I	-48		SIGN; MARK; LOC; PORT; "4"; BL*
I	-49		SIGN; MARK; LOC; PORT; "5"; BL*
I	-50		SIGN; MARK; LOC; PORT; "+"; BL*
I	-51		SIGN; MARK; LOC; PORT; "6"; BL*
I	-52		SIGN; MARK; LOC; PORT; "7"; BL*
I	-53		SIGN; MARK; LOC; PORT; "8"; BL*
I	-54		SIGN; MARK; LOC; PORT; "9"; BL*
I	-55		SIGN; MARK; LOC; PORT; "0"; BL*
I	-56		SIGN; MARK; LOC; PORT; "-"; BL*
I	-57		SIGN; MARK; LOC; LAND; "FLOOR"; BL*
I	-58		SIGN; MARK; LOC; LAND; "STAIR"; BL*
I	-59		SIGN; MARK; LOC; LAND; "BASEMENT"; BL*
I	-60		SIGN; MARK; LOC; LAND; "GROUND FLOOR"; BL*
I	-61		SIGN; MARK; LOC; PORT; "G"; BL*
I	-62		SIGN; MARK; LOC; PORT; "L"; BL*
S	-01		STREGM; EGRESS; PATH; BLANK STRIP – 1" SAMPLE
S	-02		STREGM; EGRESS PATH; BLANK LARGE SAMPLE
S	-03		STREGM; EGRESS; PATH; HAZARD STRIP – 1" SAMPLE
S	-04		SIGN; EGRESS; PATH; LAND; RMR (L); UARR (R); GN SAMPLE
S	-05		SIGN; EGRESS; PATH; LAND; "EXIT"; GN SAMPLE
S	-06		STREGM; EGRESS; PATH; ALUMINUM STAIR EDGE NOSING SAMPLE
YALE 7000 SERIES			PL Touchbar
SARGENT 80 SERIES			PL Touchbar
CORBIN RUSSWIN ED4000 SERIES			PL Touchbar
CORBIN RUSSWIN ED5000 SERIES			PL Touchbar
VON DUPRIN 33A SERIES			PL Touchbar Trim
VON DUPRIN 35A SERIES			PL Touchbar Trim
VON DUPRIN 98 SERIES			PL Touchbar Trim
VON DUPRN 99 SERIES			PL Touchbar Trim

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 RS6-1. 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-described pathway markings are accepted on 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 7010 E001, E002, E003, E004.
3. All approved materials shall be labeled and identified with the model number as well as with MEA No. 333-05-M Vol. 2, BR: 63-21-14UV 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. No transparent or translucent overlaminates, varnishes, or other coatings shall 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.
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 that tested and accepted for use, as provided for in section 27-131 of the Building Code.

Note: Per §27-131(d), all materials tested and acceptable 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 November 21, 2008

Examined By Sven Derksheden