

R_02012 Photoluminescent Pathmarking Signs

The **R_02012 Aluminum Base Series** Photoluminescent Pathmarking Signs provide visibility and indicate direction of egress in all light conditions. The signs are installed with premium polyurethane adhesive and come in a range of directions. The photoluminescent signs are visible for many hours after the lights go out, having been charged from sunlight or artificial light.



SA33553
4HT0

**UL 1994 AND
ULC 572 Listed**

Weight: 0.172 lbs/sign



EXIT TO
THE RIGHT

RA02012
8" x 4.6"
(203mm x
116.84mm)



EXIT TO
THE LEFT

RB02012
8" x 4.6"
(203mm x
116.84mm)



EXIT DOWN AND
TO THE RIGHT

RC02012
8" x 4.6"
(203mm x
116.84mm)



EXIT DOWN AND
TO THE LEFT

RD02012
8" x 4.6"
(203mm x
116.84mm)



EXIT UP AND
TO THE RIGHT

RE02012
8" x 4.6"
(203mm x
116.84mm)



EXIT TO
THE LEFT

RF02012
8" x 4.6"
(203mm x
116.84mm)



EXIT STRAIGHT
AHEAD AND UP

RG02012
8" x 4.6"
(203mm x
116.84mm)



EXIT STRAIGHT
AHEAD AND DOWN

RH02012
8" x 4.6"
(203mm x
116.84mm)

R_02012 Photoluminescent Pathmarking Signs

The Ecoglo R_02012 meets the following Building, Fire & Life Safety Codes:

- IBC/IFC 2009, 2012 (Section 1024 – Luminous Egress Path Markings) and 2015 (Section 1025)
- NFPA 101-2009 and 170-2009
- NYC LL 141 of 2013 (Section BC 1024 Luminous Egress Path Markings)
- NYC LL 26 of 2004 Reference Standard 6-1
- California Building Code Section 1024 Exit Passageways
- Connecticut State Fire Safety Code Section 1026 Floor Proximity Egress Path Markings



8.0"

4.6"

Qualifies for LEED Points

MR Credit 2: Construction Waste Management Divert from Land Fill

- Products are Aluminum based and 100% recyclable.

MR Credit 4: Recycled Content

- Products are Aluminum based and approximately 20% of the aluminum content in an Ecoglo secondary billet specification is recycled scrap.

Ecoglo's Recommended Installation Adhesive has low VOC's and qualifies for Indoor Environmental Quality credits for low emitting materials: EQc4.1

Benefits and Technical Details: Ecoglo R_02012 meets or exceeds the performance criteria specified in the following tests or standards:

Brightness

High visibility in dark or light conditions.

- ASTM E2073-02, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.
- DIN 67510 Part 1, Phosphorescent Pigments and Products: Measurement and identification by the manufacturer.
- ISO 17398:2004 Clause 7.11, Safety Colours and Safety Signs- Classification, Performance and Durability of Safety Signs.

UV Stability

High durability indoors and outdoors.

- ASTM G155-04 Cycle 1 2000hrs, Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials.
- Salt Spray Resistance: ASTM B117-97 500hrs, Standard Practice for Operating Salt Spray (Fog) Apparatus.
- Freeze-Thaw Resistance: ASTM C1026-87(1996), Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling

Abrasion Resistance

Hard wearing.

- ASTM D1242-95a, Standard Test Methods for Resistance of Plastic Materials to Abrasion.
- ASTM F510-93(2004), Standard Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method.
- JIS H8682-1:1999, Test methods for abrasion resistance of anodic oxide coatings on aluminum and aluminum alloys- Wheel wear test.

Washability

Easy Cleaning.

- ASTM D4828-94(2003), Standard Test Methods for Practical Washability of Organic Coatings.

Radioactivity

No radioactivity or toxicity.

- ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity.
- Toxicity: Bombardier SMP 800-C (2000), Toxic Gas Generation Test.

Flammability

Does not burn.

- ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source.
- ASTM D635-03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.
- FAA AC 23.2 Paragraph 4.b, Horizontal Burn Test.

Contact Ecoglo Inc. for a quick quote or to obtain more information about our emergency lighting products.

KINESIK Engineered Products Incorporated

2213 North Sheridan Way
Mississauga, Ontario L5K 1A3
Canada

Phone: 855.364.7763
Fax: 800.769.4463
www.kinesik.ca

R_02012-G250R Photoluminescent Pathmarking Signs

The **R_02012-G250R Rigid Vinyl Series** Photoluminescent Pathmarking Signs provide visibility and indicate direction of egress in all light conditions. The photoluminescent signs are visible for many hours after the lights go out, having been charged from sunlight or artificial light.



**UL 1994 AND
ULC 572 Listed**

EXIT TO THE RIGHT	EXIT TO THE LEFT	EXIT DOWN AND TO THE RIGHT	EXIT DOWN AND TO THE LEFT
RA02012 8" x 4.6" (203mm x 116.84mm)	RB02012 8" x 4.6" (203mm x 116.84mm)	RC02012 8" x 4.6" (203mm x 116.84mm)	RD02012 8" x 4.6" (203mm x 116.84mm)
EXIT UP AND TO THE RIGHT	EXIT TO THE LEFT	EXIT STRAIGHT AHEAD AND UP	EXIT STRAIGHT AHEAD AND DOWN
RE02012 8" x 4.6" (203mm x 116.84mm)	RF02012 8" x 4.6" (203mm x 116.84mm)	RG02012 8" x 4.6" (203mm x 116.84mm)	RH02012 8" x 4.6" (203mm x 116.84mm)

R_02012-G250R Photoluminescent Pathmarking Signs

Installation Instructions

- Installs easily with 3M foam tape. Some surface preparation is required to ensure a strong bond.
- The foam tape allows for a strong installation on a variety of surfaces. The rigidity of the product spreads any applied load over a greater area of installation adhesion.



8.0"

4.6"

The Ecoglo R_02012-G250R meets the following Building, Fire & Life Safety Codes:

- IBC/IFC 2009, 2012 (Section 1024 – Luminous Egress Path Markings) and 2015 (Section 1025)
- NFPA 101-2009 and 170-2009
- NYC LL 141 of 2013 (Section BC 1024 Luminous Egress Path Markings)
- NYC LL 26 of 2004 Reference Standard 6-1
- California Building Code Section 1024 Exit Passageways
- Connecticut State Fire Safety Code Section 1026 Floor Proximity Egress Path Markings

Benefits and Technical Details: Ecoglo R_02012-G250R meets or exceeds the performance criteria specified in the following tests or standards:

Brightness

High visibility in dark or light conditions.

- ASTM E2073-02, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.
- ISO 17398:2004 Clause 7.11, Safety Colours and Safety Signs- Classification, Performance and Durability of Safety Signs
- UL 1994 Listed – IMZI.SA3353
- ULC 572 Listed – IMZI7.SA3353

Washability

Easy Cleaning.

- ASTM D4828-94(2003), Standard Test Methods for Practical Washability of Organic Coatings.

Radioactivity

No radioactivity or toxicity.

- Toxicity: Bombardier SMP 800-C (2000), Toxic Gas Generation Test.

Flammability

Does not burn.

- ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source.

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