

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, Accessible Design, Fire & Life Safety Standards:

- IBC/IFC 2009, 2012 (Section 1024-Luminous Egress Path Markings) and 2015-2021 (Section 1025)
- ULC 590 S
- ULC 572 S
- CSA B651
- ISO/FDIS 2145



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