

# OB20025 Photoluminescent Obstruction Strip

The **OB20025** Aluminum Base Photoluminescent Obstruction Strips are used to identify and improve visibility of obstructions within an egress pathway under all light conditions. The OB20025 is ideal for areas required by code to have luminous path markings. The non-radioactive, non-toxic photoluminescent strip is visible for many hours after the lights go out, having been charged from sunlight or artificial light.



**Standard Performance**

## Environmentally Friendly

- LEED points qualified
- Zero energy consumption
- Non-Radioactive and Non-toxic
- Recyclable; No disposable cost

## Installed Durability

- The rigid aluminum base spreads any applied load over a greater area of installation adhesive. Installation with a premium polyurethane adhesive/sealant is extremely durable, moisture resistant, and works very well on both smooth and textured surfaces.

## 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

## The Ecoglo OB20025 meets the following Building, Accessible Design, Fire & Life Safety Codes:

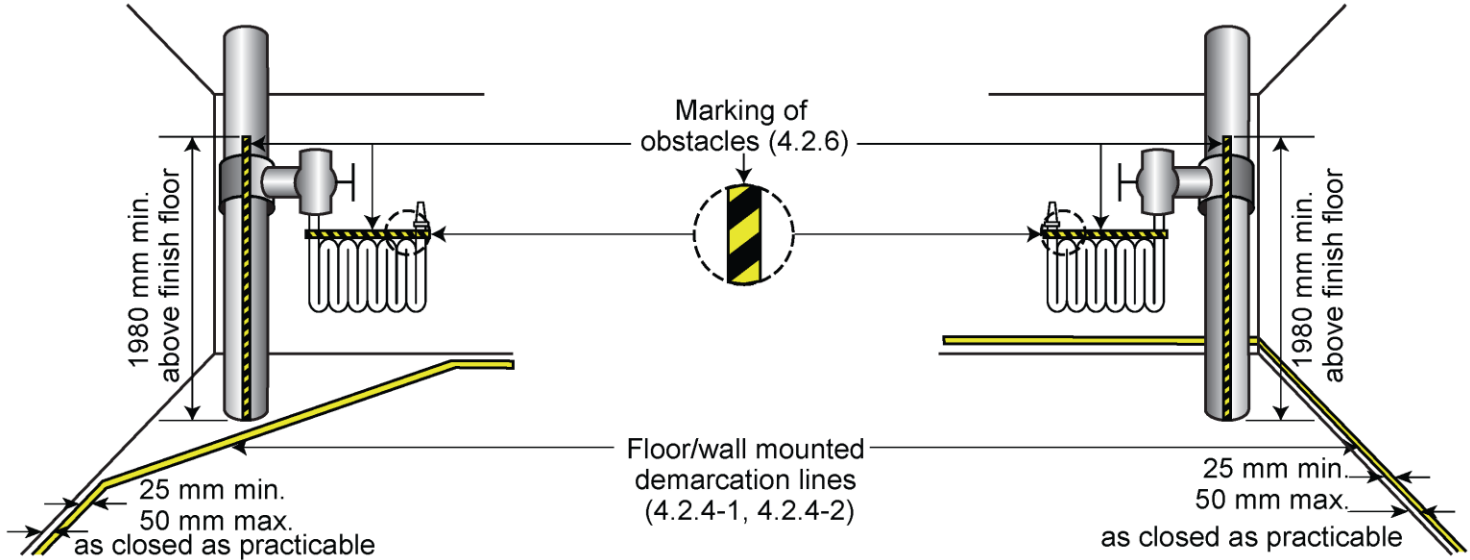
- IBC/IFC 2009, 2012 (Section 1024-Luminous Egress Path Markings) and 2015-2021 (Section 1025)
- ULC 590 S
- ULC 572 S
- CSA B651
- ISO/FDIS 2145



**UL 1994 AND  
ULC 572 Listed**



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## How to Install:

- Install with premium polyurethane adhesive
- Strip is 1" X 39"
- Weight: 0.274 lbs/piece

**Benefits and Technical Details:** Ecoglo OB20025 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 Non-metallic 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.

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