


# Photoluminescent Seat Markers

The Photoluminescent **Seat Markers** provide excellent visibility for guiding customers to their seats in all light conditions. The Ecoglo<sup>®</sup> Seat Markers are designed to be visible for the length of a performance to enhance the orderly movement of people to and from their seats. They are installed with premium polyurethane adhesive.

				
SQUARE WITH ROUNDED CORNERS	40MM ROUND SEAT NUMBER	ELIPSE	OBROUND LARGE	OBROUND SMALL
SQ31.9	DS40	EL 18.7/56.7	OR16/44.6	OR1.7/27.2
1.3" x 1.3" (31.9mm x 31.9mm) Weight: 0.05	1.6" (40mm Round) Weight: 0.05	0.7" x 2.2" (18.7mm x 56.7mm) Weight: 0.05	0.6" x 1.8" (15.2mm x 44.6mm) Weight: 0.05	0.6" x 1.1" (15.2mm x 27.2mm) Weight: 0.05

\*Weight is in pounds

**Benefits and Technical Details:** Ecoglo Seat Markers 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

**Slip Resistant**

Reduces slips.

- UL410, Standard for Slip Resistance for Floor Surface Materials.
- AS/NZS 4586-1999, Slip Resistance Classification of New Pedestrian Surface Materials.

**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.