

Egress & Emergency Signage



VISIBLY BETTER

Egress



EX2010



AR1010D (&H)



RM1010

Emergency



FA1010



FE1010



FH1010

The **ecoglo® Luminous high-brightness Egress and Emergency signage products** have the resilience to be installed in any environment. That includes indoor/outdoor as well as installation onto floors and walls

The **ecoglo®** Emergency Egress Signage products are designed to meet the criteria of building codes as they emerge around the world. In Australia and New Zealand photoluminescent signs may not be used to replace electrical emergency signs at this time. Therefore the **ecoglo®** signage products should be used to supplement your existing lighting systems or used in places where commonsense dictates the placement of a sign – even if the code does not.

All signs are 4" x 4" (100mm x 100mm) except the 'Exit' sign which is 8" x 4" (200mm x 100mm)
The graphical content of the RW1010 and AR1010 signs meets ISO 3864-1 and AS 2293.3-2005. The layout of the EX2010 meets clause F8 of the New Zealand Building code (not specified in AS 293.3-2005).

Working just as well in the light as it does in the dark, **ecoglo®** signage is more than 3 times brighter than the recently released New York City standard RS 6-1.

Benefits and Technical Details Ecoglo E2071 meets or exceeds the performance criteria specified in the following tests or standards:

1. **High Visibility in Dark or Light conditions.**

Brightness:

ASTM E2072-04, Standard Specification for Photoluminescent (Phosphorescent) Safety Markings.

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.

2. **High Durability Indoors and Outdoors.**

UV Stability: 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.

3. **Easy Cleaning.**

Washability:

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

4. **No Radioactivity or Toxicity.**

Radioactivity: ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity.

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

5. **Does not burn.**

Flammability:

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.