

The G3-001 Guidance Strip is designed to ensure visibility of handrails, pathways (including ramps and corridors) and doorways in escape routes for compliance with NCC 2019 EP4.1 Visibility in an Emergency requirements. The Guidance Strip will be effective in all light conditions including during failure of the main lighting.

COMPLIANCE

Independently tested in accordance with UL1994 for 10 metre visibility to meet NCC 2019 BCA Vol. 1 Clause EP4.1 Visibility in an Emergency.

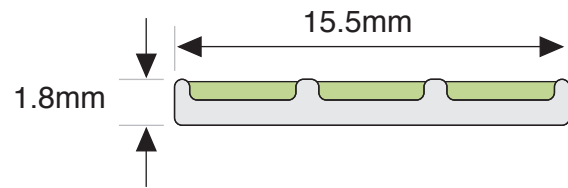
PERFORMANCE

30 Minute Evacuation Time

Minimum charging illuminance of 20 lux for 5 minutes will ensure visibility for 30 minutes after failure of the main lighting.

90 Minute Evacuation Time

Minimum charging illuminance of 60 lux for 5 minutes will ensure visibility for 90 minutes after failure of the main lighting.



120 Minute Evacuation Time

Minimum charging illuminance of 80 lux for 5 minutes will ensure visibility for 120 minutes after failure of the main lighting.

Outdoor and daylight installations will absorb enough natural light to be visible throughout the longest winter night.

The Guidance Strip is suitable for use indoors and outdoors.

Operating Temperature Range: -10°C to +40°C*

* For controlled environment (constant temperature) rooms below 0°C contact Ecoglo.

UV Resistance - Loss of luminance after 1000 hrs ASTM G-155 Cycle 1 exposure <10%: Pass

Salt Spray Resistance – ASTM B117: Pass

Washability - ASTM D4828: Pass

Rate of Burning – ASTM D635: Pass

Surface Flammability – ASTM E162: Pass

Toxicity – Bombardier Toxic Gas Generation Test SMP800-C: Pass

Radioactivity – ASTM D3648: Pass

High Temperature Curing: Pass

SUPPLY

The products are available in 1 metre and 1.5 metre lengths.

COMPOSITION

Ecoglo G3-001 Guidance Strip is manufactured from extruded 6063T5 aluminium section. Custom made photoluminescent pigments are embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature. The photoluminescent area is also recessed into protective channels.



INSTALLATION

Installation needs to be carried out strictly in accordance with the Ecoglo installation instructions.

Consult Installation Instructions on website for full details and surface preparation.

Fixers (screws) or release tape can be used if adhesion is difficult. (See order codes below for the product that best suits).

G3-001-1000 For polyurethane adhesive fixing

G3-001-1500 For polyurethane adhesive fixing

G3-001P-1000 Punched for screw fixing

G3-001T-1000 Release tape pre-fitted

G3-001T-1500 Release tape pre-fitted

Contact

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