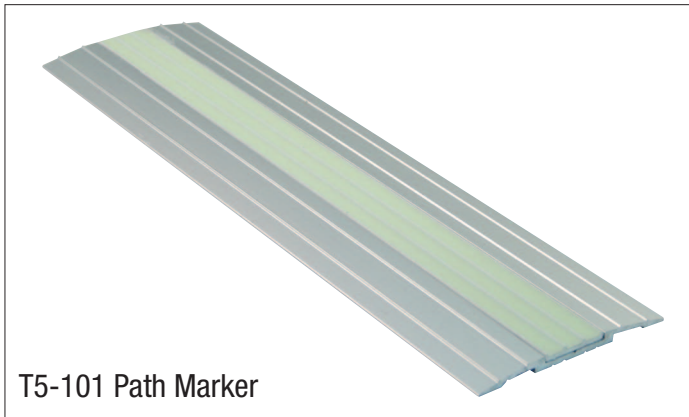


Product Data Sheet - Path Marker T5-101

2021 V1

ecoglo[®]
VISIBLY BETTER



The T5-101 Path Marker is designed to ensure visibility of pathways in escape routes for compliance with NCC 2019 EP4.1 Visibility in an Emergency requirements. The Path Marker 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.

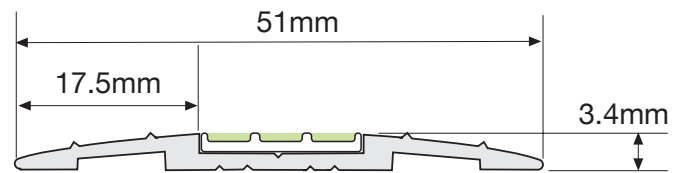
90 Minute Evacuation Time

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 Path Marker 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 product is available in 1 metre lengths.

COMPOSITION

The Path Marker profile consists of 6060T5 aluminium extrusion, anodized (silver colour) to 12 microns thickness. Ecoglo G3-001 is adhesively fixed into the extrusion. The high visibility G3-001 is manufactured from extruded 6063T5 aluminium section. Custom made photoluminescent pigment is 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

The T5-101 Path Marker can be used on a range of substrates including concrete, timber, tiles and vinyl.

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) can be used if adhesion is difficult.

(See order codes below for the product that best suits).

T5-101-1000 For polyurethane adhesive fixing
T5-101P-1000 Punched for screw fixing

Contact

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