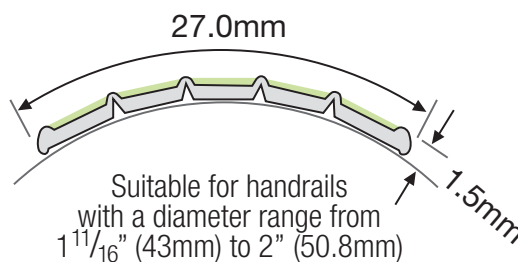
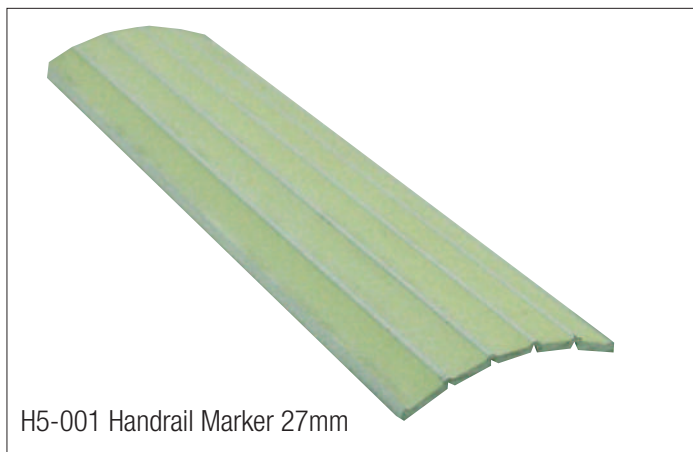


# Product Data Sheet - Handrail Marker H5-001

2024 V1



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

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

The H5-001 Handrail Marker is designed to ensure visibility of specified building features in escape routes for compliance with NFPA 101 Life Safety Code (NFPA 101) and International Fire Code (IFC). The Handrail Marker will be effective in all light conditions including during failure of the main lighting.

## COMPLIANCE

Tested to UL 1994 specifications to meet the requirements of NFPA 101 and IFC. This product has also been independently tested for use in Performance Solutions to meet the performance requirements of any performance based building codes.

The Handrail Marker is suitable for use indoors and outdoors.

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

**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 and 3.06 metre lengths.

## COMPOSITION

Ecoglo H5-001 Handrail Marker is manufactured from extruded 6060T5 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.

Screws or rivets can be used if adhesion is difficult.

**H5-001T-1000** Release tape pre-fitted

**H5-001T-3060** Release tape pre-fitted

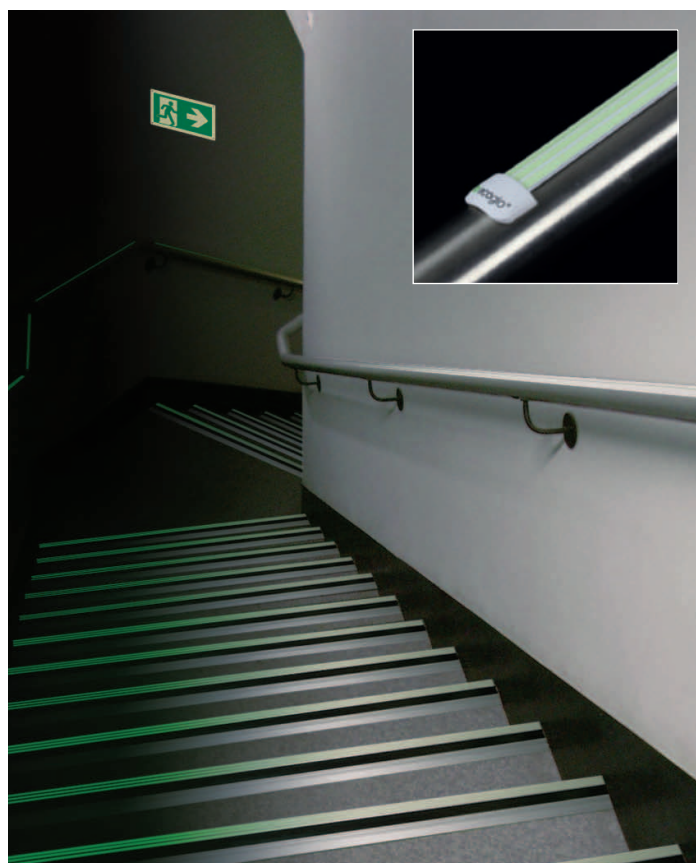
## END CAPS

Plastic end caps to fit H5-001 are available if required (see insert).

These are fixed using polyurethane adhesive and are only suitable for use indoors.



**HEC5** Plastic End Cap



## Contact

**Ecoglo International Limited**

Email: [info@ecoglo.com](mailto:info@ecoglo.com) Web: [www.ecoglo.com](http://www.ecoglo.com)