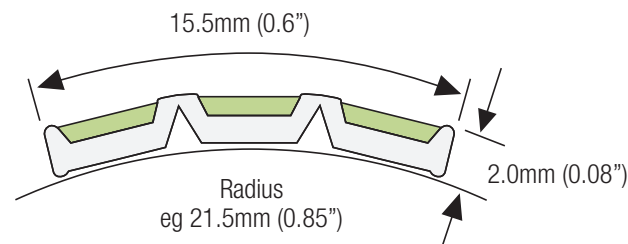
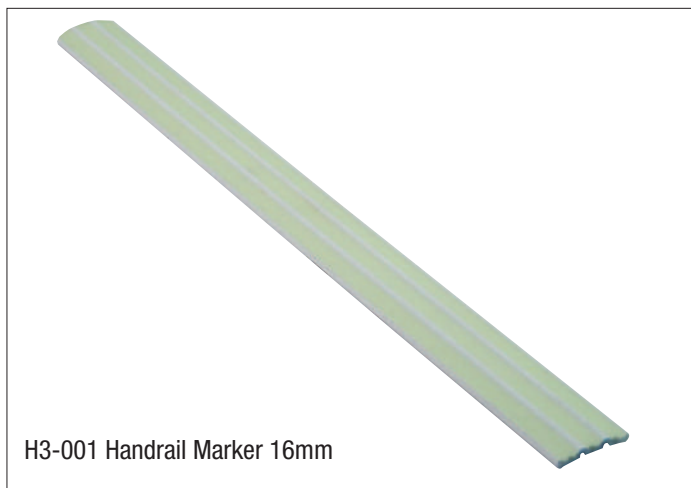




2026 V1

Product Data Sheet Handrail Marker H3-001

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VISIBLY BETTER

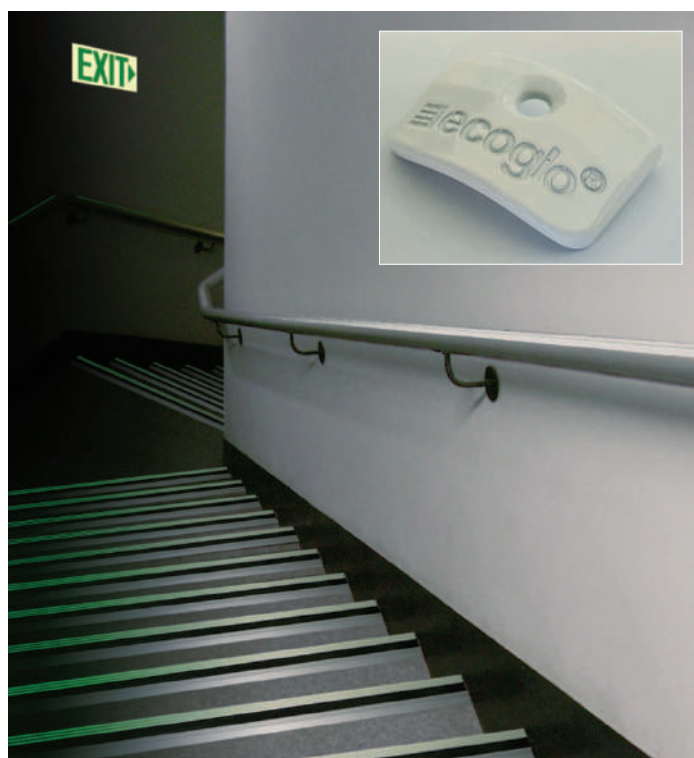


The H3-001 Handrail Marker is designed to enhance visibility in handrails in sports and entertainment venues. Recommended for installation on curved handrails. H3-001 is suitable for use indoors and outdoors.

PERFORMANCE

Luminance Properties - S10 photoluminescent material shall have its performance verified by independent testing with charging of D65, 5,000 lux for 60 minutes. After removal of activation charging the minimum luminance shall not be less than:

25 mcd/m² after 120 minutes (2 hours)
10.4 mcd/m² after 240 minutes (4 hours)
7.7 mcd/m² after 300 minutes (5 hours)
4.5 mcd/m² after 480 minutes (8 hours)
3.4 mcd/m² after 600 minutes (10 hours)



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 3.06 metre (10ft) lengths.

COMPOSITION

Ecoglo H3-001 Handrail Marker 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.

Maximum recommended length for installation is 1500mm.

Consult installation instructions on website for full details and surface preparation.

Screws or rivets can be used if adhesion is difficult.

H3-001-3060 For polyurethane adhesive fixing
H3-001T-3060 Release tape pre-fitted

END AND JOINER CAPS

Metal end caps (see insert) and joiner caps to fit H3-001 are also available if required.

These are fixed using a screw or rivet and are suitable for use outdoors.

HREC3 Metal End Cap
HRJC3 Metal Joiner Cap

Contact

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