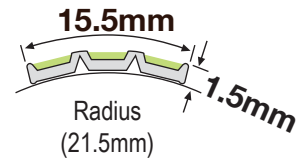


Photoluminescent Handrail Strip H3-001

2024 Product Data Sheet



The 15.5mm H3-001 is designed to add a lighting component to your handrails. Easy to touch and see, the handrail strip makes a user safer when negotiating the stairs or other pathways in the dark. It is 15.5mm wide and the curve fits the handrails with diameter from 38mm to 51mm. The H3-001 will be effective in all light conditions including failure of the main lighting or failure of the emergency lighting.

PERFORMANCE

Independently tested in accordance with UL1994 to meet the requirements of NFPA 101.

30 minutes visibility

Minimum charging illuminance of 20 lux continuously during occupancy.

90 minutes visibility

Minimum charging illuminance of 60 lux continuously during occupancy.

The H3-001 is suitable for use indoors and outdoors.

Outdoor or daylit installations will absorb enough natural light to be visible throughout.

UV Resistance – Loss of luminance after 1000 hours ASTM G-155 Cycle 1 exposure < 10%; Pass

Salt Spray Resistance - ASTM B117: Pass

Washability – ASTM D4828: Pass

Surface Flammability – ASTM E162: Pass

Brightness - ISO 17398: 2004 : Class D (3478mcd/m² at 1 min, 373 mcd/m² at 10 min and 1 mcd/m² at 1141 min)

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

Radioactivity – Pass

SUPPLY

The products are available in 3.0 metre. Cut lengths can be fabricated on site or in factory.

COMPOSITION

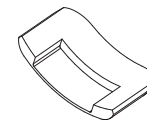
Ecoglo H3-001 Photoluminescent Handrail Strip, 15.5mm width is manufactured from extruded 6060T5 aluminium section. Custom made photoluminescent pigment are embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature. The photoluminescent area is also recessed into protective channels.

INSTALLATION

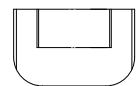
Installation is a simple process with polyurethane adhesive.

Screw or rivets can be used if adhesion is difficult.

Recommended installation adhesive is Bostik Seal N Flex FC.



ISOMETRIC VIEW



TOP VIEW

HEC31 End Cap for H3-001

Handrail End Cap HEC31

HEC31 Ecoglo Handrail End Cap, Polymer, White 2mm thick is available for an aesthetically pleasing edge.

Scan to Chat



Download PDS



Contact : Ecoglo Pte Ltd
Phone: 6858 3530 Email: info@ecoglo.sg

Photoluminescent Sign

