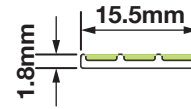


Photoluminescent Marking Strip G3-001

2024 Product Data Sheet



The 15.5mm wide G3-001 provide excellent visibility and enhance egress speed in all light conditions. It is designed for marking pathways, stairway landings, egress corridors, ramps and walls to aid in the safe and efficient movement of people. It can also be used to outline features such as door frames.. The G3-001 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 G3-001 is suitable for use indoors and outdoors.

Outdoor or daylight 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 G3-001 Handrail Photoluminescent 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.



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