



The E2-071 is designed to ensure visibility of steps in escape routes for compliance with performance based building codes. The step edge contrast will be effective in all light conditions including failure of the main lighting or failure of the emergency lighting.

## COMPLIANCE

Independently tested in accordance with UL 1994 for 10 metre visibility for use in systems designed to meet the performance requirements of building codes such as NZBC, NFPA, IBC and BCA.

## PERFORMANCE

### 30 Minute Visibility Facilities

Minimum charging Illuminance of 20 lux for 5 minutes will ensure visibility for 30 minutes after failure of the main lighting.

### 90 Minute Visibility Facilities

Minimum charging Illuminance of 60 lux for 5 minutes will ensure visibility for 90 minutes after failure of the main lighting.

### 120 Minute Visibility Facilities

Minimum charging Illuminance of 80 lux for 5 minutes will ensure visibility for 120 minutes after failure of the main lighting.

The Step Edge Contrast Strip is suitable for use indoors and outdoors. The non-slip material provides all weather protection from slips and falls.

Anti-slip Properties – AS/NZ 4586-2004 Classification:

FV (classified as P5 in AS 4586-2013)

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

Rate of Burning – ASTM D635: Pass

Surface Flammability – ASTM E162: Pass

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

Radioactivity – ASTM D3648: Pass

## SUPPLY

The products are available in 2.40 metre or 3.0 metre. Cut lengths can be fabricated on site or in factory.

## COMPOSITION

Ecoglo E2-071 Photoluminescent & Non-Slip Strip, Black 37.3 mm width is adhesively fixed into the extrusion. The high visibility E2-071 is manufactured from extruded 6060T5 aluminium section. Silicon Carbide non-slip materials and 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

The E2-071 Step Edge Contrast Strip utilizes exposed fixers to confirm sound installation for ongoing maintenance inspections and compliance.

The Step Edge Contrast Strip can be surface mounted on all smooth surfaces.

The Step Edge Contrast Strip also can be recessed into the groove of timber or tiles.



Installation is a simple process using fixers and adhesive.

The E2-071 can also be used with Ecoglo Flat Nosings that require a 37.3 mm insert.

Installation is a simple process using fixers and adhesive.

Recommended installation adhesive is Bostik Seal N Flex. Recommended installation plug is Fischer Plug SX.

## Contact

**Ecoglo Pte Ltd**

**111 North Bridge Road #17-06 Peninsula Plaza  
Singapore 179098**

**Phone: 6858 3530 Fax: 6826 4138**

**email: [info@ecoglo.sg](mailto:info@ecoglo.sg) URL: [www.ecoglo.sg](http://www.ecoglo.sg)**