



The E14-075 Step Edge Contrast is designed to ensure visibility of steps in escape routes to meet NZBC Clause F6 “Visibility in Escape Routes”. The Step Edge contrast will be effective in all light conditions including during failure of the main lighting.

PERFORMANCE

Independently tested in accordance with UL 1994 for 10 metre visibility to meet NZBC Clause F6.

Risk Group C Building

30 minutes visibility
Minimum charging illuminance of 20 lux continuously during occupancy.

Risk Group B Building

90 minutes visibility
Minimum charging illuminance of 60 lux continuously during occupancy.

Outdoor or daylight installations will absorb enough natural light to be visible throughout the longest winter night.

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

Anti-Slip Properties - AS/NZS 4586-2004 Classification: FV

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

Salt Spray Resistance - ASTM B117: Pass

Washability - ASTM D4828: Pass

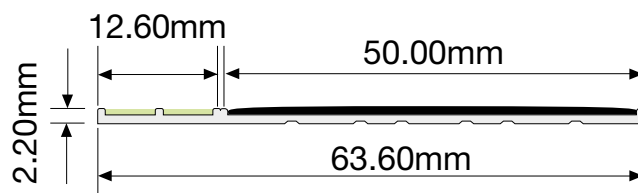
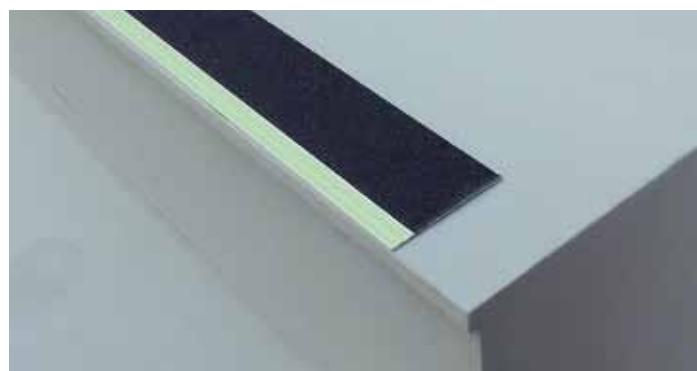
Rate of Burning - ASTM D635: Pass

Surface Flammability - ASTM E162: Pass

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

Radioactivity - ASTM D3648: Pass

Note: Custom colours are available to meet AS1428.1 luminance contrast for any surface colour



SUPPLY

The products are available in lengths of 100mm increments from 600mm to 1500mm to comply with IBC recommendations to mark the escape path on the front edge of the step to within 50mm of the wall or the side of the step. Custom lengths can also be fabricated on site or in the factory from 2.45 metre or 3.06 metre lengths.

COMPOSITION

Ecoglo E14-075 Step Edge Contrast is manufactured from extruded 6060T5 aluminium section. Silicon Carbide anti-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

Indoors the E14-075 Step Edge Contrast can be surface mounted on all smooth surfaces. Outdoors the E14-075 Step Edge Contrast can be surface mounted onto concrete.

Installation is a simple process using polyurethane adhesive. Maximum recommended length for outdoor installation is 1500mm.

Consult Installation Instructions on website for full details and surface preparation.

Screws can be used if adhesion is difficult.
(See order codes below for the product that best suits).

E14-075 For polyurethane adhesive fixing
E14-075P Punched for screw fixing

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT LENGTH
E14-075-600	Step Edge Contrast 64mm	600mm
E14-075-700	Step Edge Contrast 64mm	700mm
E14-075-800	Step Edge Contrast 64mm	800mm
E14-075-900	Step Edge Contrast 64mm	900mm
E14-075-1000	Step Edge Contrast 64mm	1000mm
E14-075-1100	Step Edge Contrast 64mm	1100mm
E14-075-1200	Step Edge Contrast 64mm	1200mm
E14-075-1300	Step Edge Contrast 64mm	1300mm
E14-075-1400	Step Edge Contrast 64mm	1400mm
E14-075-1500	Step Edge Contrast 64mm	1500mm

Contact

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