



The G8-011 Step Edge Composite is designed to ensure visibility of steps in escape routes to meet NZBC Clause F6 'Visibility in Escape Routes'. The Step Edge Composite will be effective in all light conditions including during failure of the main lighting.

PERFORMANCE

Independently tested in accordance with UL1994 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 Composite is suitable for use indoors and outdoors. The composite anti-slip and photoluminescent 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

SUPPLY

The products are available in 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

The G8-011 Step Edge Composite is manufactured from extruded 6060T5 aluminium section. Aluminium Oxide anti-slip materials combined with custom made photoluminescent pigment are embedded in thermoset polyester carriers to integrally bond the active ingredients into the aluminium following curing at high temperature.

INSTALLATION

The G8-011 Step Edge Composite can be surface mounted indoors onto all smooth surfaces.

Outdoors the G8-011 can be surface mounted on 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).

G8-011 For polyurethane adhesive fixing

G8-011P Punched for screw fixing

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT LENGTH
G8-011-600	Step Edge Composite 38mm	600mm
G8-011-700	Step Edge Composite 38mm	700mm
G8-011-800	Step Edge Composite 38mm	800mm
G8-011-900	Step Edge Composite 38mm	900mm
G8-011-1000	Step Edge Composite 38mm	1000mm
G8-011-1100	Step Edge Composite 38mm	1100mm
G8-011-1200	Step Edge Composite 38mm	1200mm
G8-011-1300	Step Edge Composite 38mm	1300mm
G8-011-1400	Step Edge Composite 38mm	1400mm
G8-011-1500	Step Edge Composite 38mm	1500mm

Contact

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