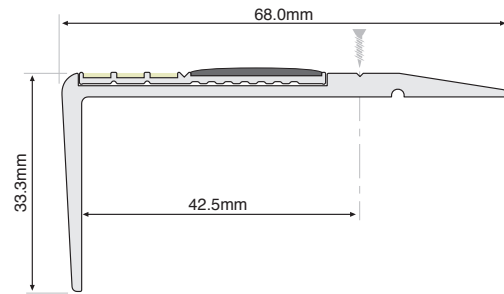
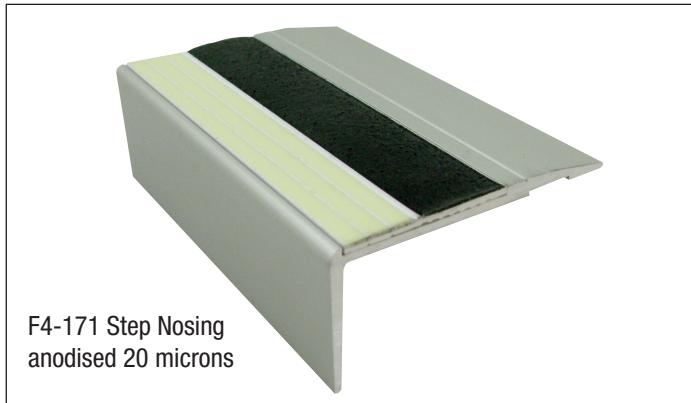


# Product Data Sheet - Step Nosing F4-171

2016 V1



Custom lengths can also be fabricated on site or in the factory from 2.45 metre or 3.06 metre lengths.

**The F4-171 Step Nosing is designed to ensure visibility of steps in escape routes to meet NZBC Clause F6 “Visibility in Escape Routes”. The Step Nosing 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 Nosing 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

## 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.



## COMPOSITION

Step Nosing profile consisting of 6060T5 aluminium extrusion, anodized (natural/silver colour) to 20 microns thickness.

Ecoglo E2-071 Step Edge Contrast is adhesively fixed into the extrusion. The high visibility E2-071 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

The F4-171 Step Nosing can be used on a range of substrates including concrete, timber, tiles, vinyl, steel and checker plate. Uni clamp assemblies can be used for installation onto steel mesh steps.

Installation is a simple process using fixers (supplied) and polyurethane adhesive. It can also be fitted over steps with an industrial or commercial style carpet with no underlay. For thicker carpet, cut the carpet away and use a packer.

Maximum recommended length for outdoor installation is 1500mm.

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

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT LENGTH
F4-171-600	Step Nosing 68mm x 33mm	600mm
F4-171-700	Step Nosing 68mm x 33mm	700mm
F4-171-800	Step Nosing 68mm x 33mm	800mm
F4-171-900	Step Nosing 68mm x 33mm	900mm
F4-171-1000	Step Nosing 68mm x 33mm	1000mm
F4-171-1100	Step Nosing 68mm x 33mm	1100mm
F4-171-1200	Step Nosing 68mm x 33mm	1200mm
F4-171-1300	Step Nosing 68mm x 33mm	1300mm
F4-171-1400	Step Nosing 68mm x 33mm	1400mm
F4-171-1500	Step Nosing 68mm x 33mm	1500mm

## Contact

### Ecoglo International Limited

77 Kingsley St, Sydenham 8023

PO Box 7698, Sydenham 8240, Christchurch, New Zealand

**Phone:** 03 348 3781 **Fax:** 03 343 6821

**Email:** info@ecoglo.com **Web:** www.ecoglo.co.nz