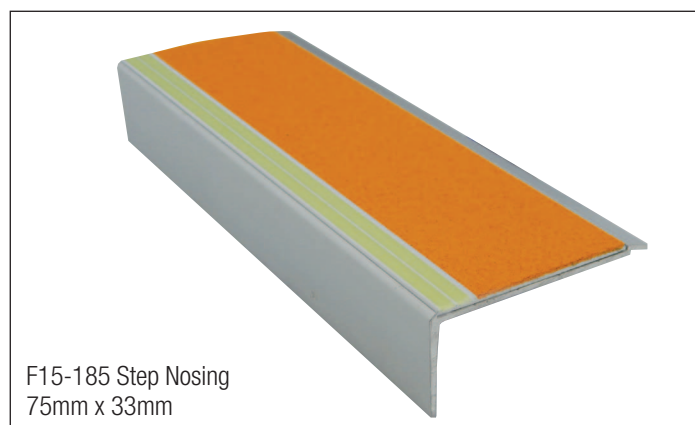


Product Data Sheet - Step Nosing F15-185

2025 V1

ecoglo
VISIBLY BETTER



The F15-185 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

Performance Standard

New Zealand Building Code Clause F6.3.1 January 2017.

Ecoglo photoluminescent escape path markings shall, in the event of a power failure, continue to provide a minimum luminance of 5mcd/m² for the duration prescribed in NZBC Clause F6 whenever the building is occupied.

UL 1994 tested. At 5mcd/m², this Ecoglo escape path marking provides 10m visibility in accordance with NZBC F6.3.1.

The Step Nosing is suitable for use indoors and outdoors.

The anti-slip material provides all weather protection from slips and falls.

Outdoors

The F15-185 will absorb enough natural light to remain at or above 5mcd/m² 24/7, and therefore meet the Performance Standard.

Indoors

During occupancy, F15-185 must be in a continuously lit environment to ensure it meets the Performance Standard. Ambient light (natural or electrical) is generally suitable, but to confirm check “F6” Compliance information on website or contact Ecoglo.

Operating Temperature Range: -20°C to +40°C*

* For controlled environment (constant temperature) rooms below 0°C contact Ecoglo.

Anti-slip Properties –

AS/NZS 4586-2004 Classification: Dry: F Wet: V Ramp: R12

AS 4586-2013 Classification: P5

UV Resistance - Loss of luminance after 1000 hrs ASTM G-155

Cycle 1 exposure: <10%

Salt Spray Resistance – ASTM B117: Pass

Washability – ASTM D4828: Pass

Rate of Burning – ASTM D635: Pass

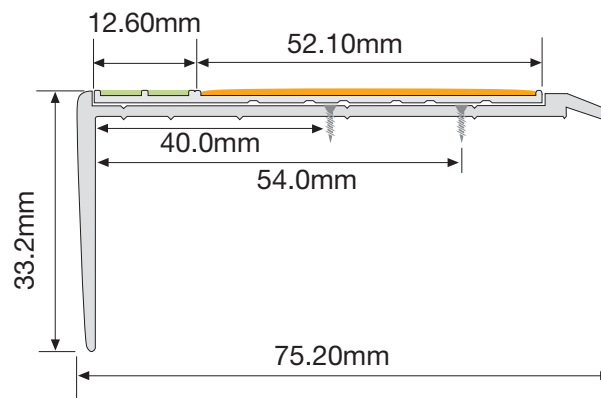
Surface Flammability - ASTM E162: Pass

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

Radioactivity - ASTM D3648: Pass

High Temperature Curing: Pass

Note: Yellow anti-slip has lower heat transfer properties than darker anti-slip colours. For this reason we recommend using yellow anti-slip in locations where there is a possibility of contact with bare skin, eg, early childhood centres.



SUPPLY

The product is available in 100mm increments from 800mm 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 cut on site from 2.45 metre and 3.06 metre lengths.

COMPOSITION

The F15-185 Step Nosing profile consists of 6060T5 aluminium extrusion, anodized (natural/silver colour) to 20 microns thickness.

Ecoglo E14-085 Step Edge Contrast is adhesively fixed into the extrusion. The high visibility E14-085 is manufactured from extruded 6063T5 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 F15-185 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 two step process using fixers (supplied) and polyurethane adhesive. The nosing profile is pre-drilled in the recess. Once the insert is adhered into the recess the fixers are hidden.

Maximum recommended length for outdoor installation is 1500mm.

Installation needs to be carried out strictly in accordance with the Ecoglo installation instructions.

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

PRODUCT CODE	PRODUCT DESCRIPTION	PRODUCT LENGTH
F15-185-800	Step Nosing 75mm x 33mm	800mm
F15-185-900	Step Nosing 75mm x 33mm	900mm
F15-185-1000	Step Nosing 75mm x 33mm	1000mm
F15-185-1100	Step Nosing 75mm x 33mm	1100mm
F15-185-1200	Step Nosing 75mm x 33mm	1200mm
F15-185-1300	Step Nosing 75mm x 33mm	1300mm
F15-185-1400	Step Nosing 75mm x 33mm	1400mm
F15-185-1500	Step Nosing 75mm x 33mm	1500mm

Contact

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