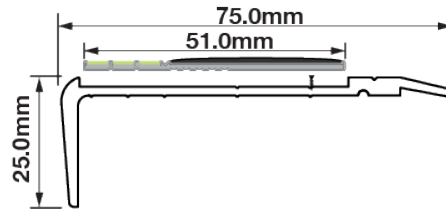
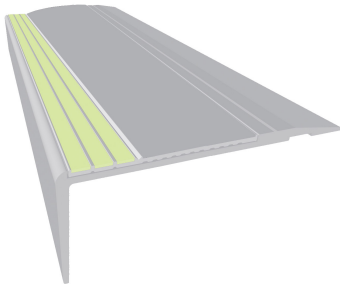


# Product Data Sheet – Stair Nosing F12-161



The F12-161 provides step edge contrasting colour and visibility of steps in escape routes for compliance with Fire Code. It will be effective in all light conditions including failure of the main lighting or failure of the emergency lighting.

## COMPLIANCE

The F12-161 Stair Nosing complies with Fire Code 2018 Clause 8.1.8 Photoluminescent Marking, required in all building, except Purpose Groups I & II, photo luminescent marking to guide occupants along evacuation routes to appropriate exit shall be provided.

Complies with BCA Code On Accessibility In The Built Environment 2013 Clause 4.11.2.2 that required all steps shall be fitted with non-slip nosing strips between 50 mm and 65 mm in width with permanent contrasting colours.

Compliance to Workplace Safety and Health Act in preventing slips and falls in Workplace.

## PERFORMANCE

The hard-wearing silicon carbide non-slip material is integrally bonded to the aluminum substrate meaning thousands of people can walk on Ecoglo Products thousands of times.

The Stair Nosing is suitable for use indoors and outdoors. The non-slip material provides all weather protection from slips and falls.

- Anti-slip Properties – AS/NZ 4586-2013 Classification: P5
- UV Resistance – Loss of luminance after 1000 hours ASTM G-155 Cycle 1 exposure < 10%; 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

The F12 Stair Nosing profile consists of 6060T5 aluminium extrusion, natural anodised (silver colour) to 20 microns thickness. It is produced from billets containing recycled aluminium and virgin aluminium. It is a certified Singapore Green Label Product (043-080-1984).

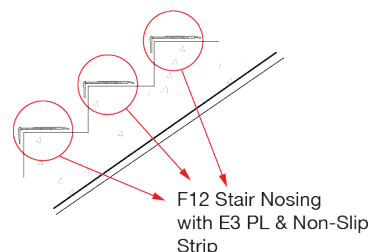
Ecoglo E3-061 Photoluminescent & Non-Slip Strip, Grey 51.0 mm width is adhesively fixed into the extrusion. The high visibility E3-061 is manufactured from extruded 6060T5 aluminium section. Silicon Carbide non-slip materials and custom made photoluminescent pigment are embedded in thermoset polyester 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 F12-161 can be used on a range of substrates including concrete, timber, tiles, vinyl, steel, chequer plate and metal grating stairs.

Installation is a simple process with adhesive and screws or using adhesive only if drilling is not possible.

It can also be fitted over steps with an industrial or commercial style carpets not thicker than 6 mm. For carpet that is up to 10mm thick, use F7A or F12A Stair Nosing.



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)

