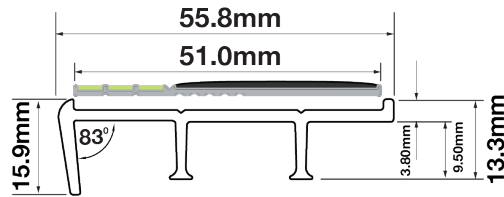


Product Data Sheet – Stair Nosing F83-171



The F83-171 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 F83-171 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

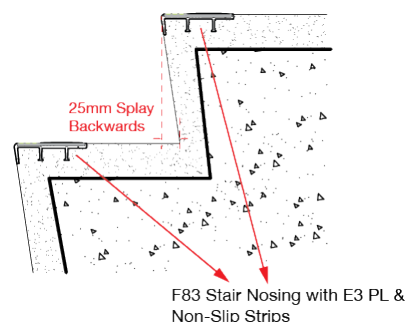
The F83 Stair Nosing profile consists of 6060T5 aluminium extrusion, natural anodised (silver colour) to 20 microns thickness. It is produced from billets containing recycled aluminium and virgin aluminium. It is a certified Singapore Green Label Product (043-080-1984).

Ecoglo E3-071 Photoluminescent & Non-Slip Strip, Black 51.0 mm width is adhesively fixed into the extrusion. The high visibility E3-071 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

F83-171 Stair Nosing is designed to be fully embedded in the concrete stairs.

The installation of F83-171 occur when the concrete is pour during the construction of pre-cast concrete staircase or the stair nosing can be placed into freshly poured concrete during onsite screeding of the concrete staircase.



Recommended installation adhesive is Bostik Seal N Flex.

Contact

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