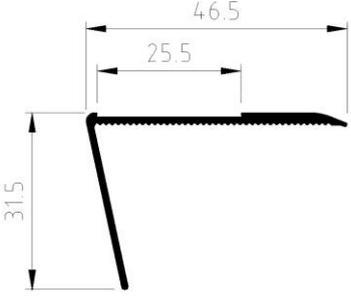
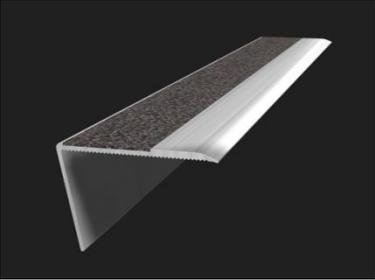
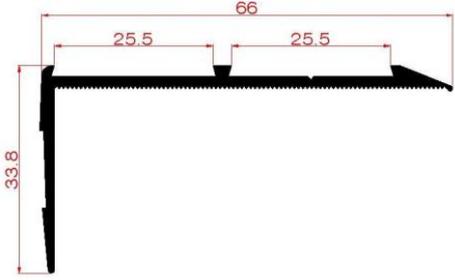
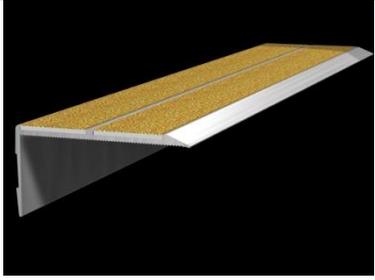
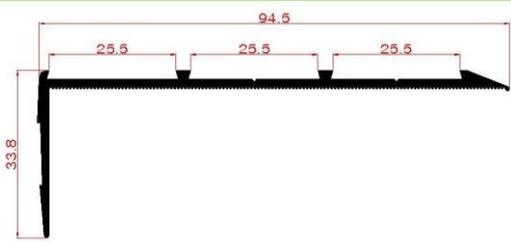
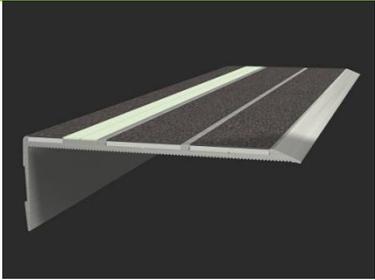
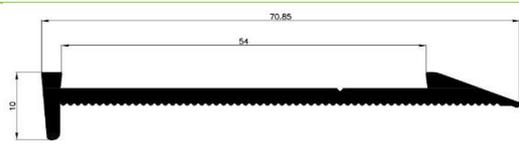
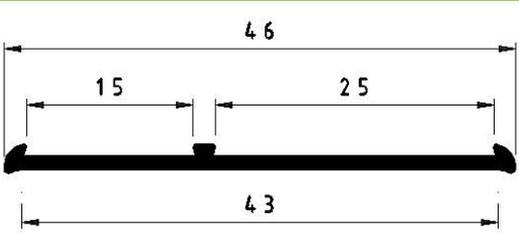
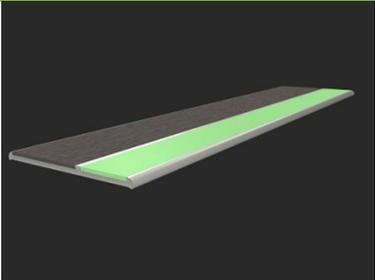


# PROFILES AVAILABLE

## ARCHITECTURAL STEP NOSINGS

PRODUCT CODE	DIMENSIONS	
ALN1		
ALN2		
ALN3		
ALN1428		
VISISTRIP		



# SPECIFICATION

## ARCHITECTURAL STEP NOSINGS

SAFETY STEP Architectural Step Nosings are supplied to client specified lengths up to **6 metres**.

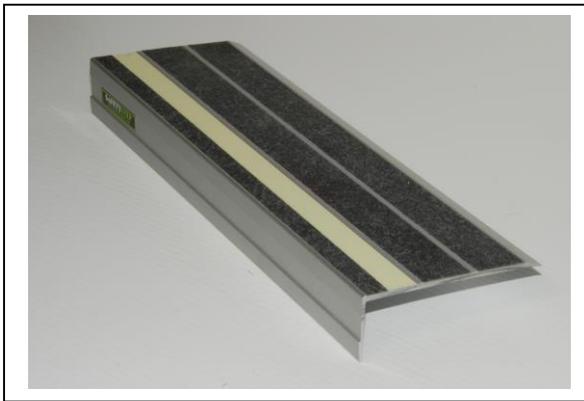
The client also has complete control over the type of insert material that is used within the stair nosing, what colour that insert is, and if a high performance glow-strip is also included in the final design.

Architectural Stair Nosings offer '**mix & match**' product options to suit the clients application.

Standard profiles are shown above, however special run, client specified profiles can be produced subject to order volume.

There are two styles of anti-slip material that can be included within the Architectural range.

- PVC based, recommended for indoor application.
- FRP composite material for extreme traffic wear locations and outdoor application.



Constructed to meet the demands of **heavy commercial use**, SAFETY STEP Architectural Stair Nosings offer the best in both anti-slip protection and step edge definition, even in low/no light conditions. These products offer an ideal balance between rugged construction and fine design good looks.



**In Daylight**



**In Darkness**



**Before**



**After**

When ordering, please consider:

Maximum length of extrusion is 6.0 metres. Freighting longer lengths can sometimes be problematic.

Maximum length of non-slip insert material is 2.4 metres.

Maximum length of **GlowStrip** is 2.4 metres.

Generally it is best to order stair nosings 4mm shorter than the actual length of the stair tread.



# INSERT MATERIAL CHOICES

## ARCHITECTURAL STEP NOSINGS

Within the top surface of each SAFETY STEP Architectural Stair Nosing are high visibility, coloured anti-slip inserts that perform two critical tasks:

- Provide highly effective and long lasting anti-slip texture to prevent slip.
- Provide luminance contrast with the stairs tread to clearly define the edge of every step.

Safety Step offer two very different styles on insert material and the client can elect which type best suits their application, and then select a favoured colour choice.

- **PVC based**, recommended for indoor application.
- **FRP composite material** for extreme traffic wear locations and outdoor application.

Additionally, self-charging, super high performance glow in the dark performance may be included in either insert option.

***The client may also elect to have almost any sheet flooring material, to match their existing floor coverings, used within the top surface of Architectural Stair Nosings. Any 2mm thickness PVC sheet flooring may be nominated by the client as an insert.***

### PVC INSERT MATERIAL

SAFETY STEP use an R12 anti-slip rated, reinforced, heterogeneous PVC material. It features 60% recycled component in the backing material, low VOC, and a diamond hard integrated anti-slip grain.

Ideal for all internal application and able to withstand years of heavy commercial traffic.

Ease of cleaning, low maintenance and the ability to maintain a clean fresh look are features of this SAFETY STEP insert material.

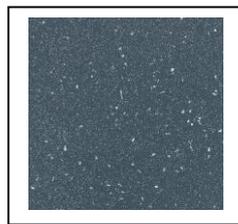
Your choice of colours are:



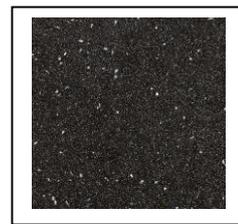
LIGHT GREY



MID GREY



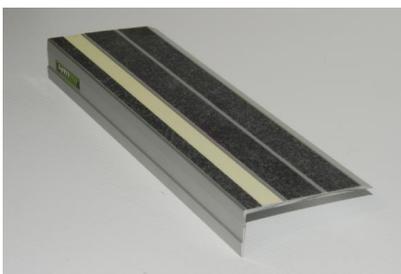
STEEL BLUE



BLACK



SAFETY YELLOW



Combine PVC inserts with 15mm PVC backed **GLOWSTRIP**.

**Glowstrip** is a self-charging, high output material that charges from any light source (no electricity required) and then emits that light for as long as 12 hours in low or no light conditions.

Place the **Glowstrip** in any location within the stair nosing.



## Technical Data for the PVC Insert Material

Parameter	Dimension
Total Thickness	2mm
Thickness wear layer	0.7mm
Commercial very heavy	Class 34
Industrial heavy	Class 43
Dimensional stability (L/C)	<0.1%
Residual indentation	0.005mm
Abrasion resistance	Group T
Light fastness	>6
Chemical resistance	Very Good
Reaction to fire, smoke dev.	>8kW/m <sup>2</sup> - ,750%min
Body Voltage	<2kV
Thermal conductivity	0.25 W/mK
Slip resistance	
DIN51130	R12
Pendulum Test	BPN 51
Surface roughness	>20

### FRP COMPOSITE INSERT MATERIAL

Unique to SAFETY STEP is this ultra tough, ultra long lasting glass reinforced composite material that has colour pigmentation all the way through and with a fine fused alumina abrasive blended throughout.

Leaning on market leading technology from SAFETY STEP Industrial Anti-Slip products, this (2mm) thin insert offers extreme anti-slip and unbelievable wear resistance.

It is well able to cope with the highest traffic count in areas such as transit stations, sports facilities and public spaces.

Ideal for outdoor use. >R13 slip rating.



Colour choices are very wide as SAFETY STEP can batch mix on an order by order basis. The colour is blended throughout the entire material so it cannot wear off or diminish with time.

Different grades of anti-slip texture may be nominated from fine grade to course industrial grade.

FRP Composite Insert Material may be specified in a green/white glow in the dark colour so that the entire insert glows.

### ALUMINUM BASE MATERIAL

The aluminum metal used in the manufacture of SAFETY STEP Architectural Step Nosings is the highest grade architectural 6060 alloy with T5 temper.

The alloy is fully sealed within a 15 micron clear anodized finish that provides a robust, durable and attractive surface.



# INSTALLATION

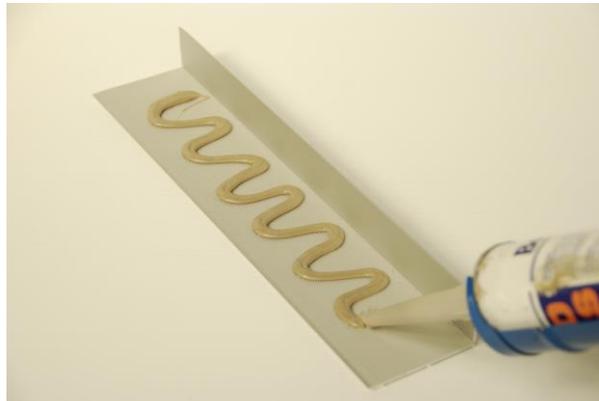
## ARCHITECTUAL STEP NOSINGS

**Architectural Step Nosings** are most commonly fixed in place with strong and permanent urethane adhesive mastic. We recommend a fast curing medium foaming urethane adhesive. The underside of all step nosings has been carefully profiled to assist with strong bonding by adhesives.

Recommended adhesives include:

- Sika 11FC
- Simson 70-02
- Selleys Liquid Nails Direct Stick LF

Ensure that both the underside of the Step Cover and the stair tread are dry, clean and free from grease oil and dirt. A solvent such as isopropyl alcohol is ideal to clean the surfaces. Apply the mastic in a bead as shown below and ensure the Step Cover beds down into the mastic without actually touching the stair tread. Allow sufficient time for the adhesive to dry before allowing traffic on the stair.



# MAINTENANCE

## ARCHITECTUAL STEP NOSINGS

Architectural Step Nosings can be easily maintained to preserve the smart appearance and effective non-slip qualities.

The smooth anodized finish on the aluminum resists marking and soiling and can be kept in good condition with soft scrubbing with any detergent cleaner.

PVC inserts may be mopped or scrubbed using any detergent cleaner. Pressure blasting should be avoided.

FRP composite inserts may be scrubbed with a deck broom or cleaned with low pressure steam or water using any detergent cleaner. Do not use scrapers, strong solvents or wire brushes.

