SIZES AVAILABLE

INDUSTRIAL: ARCHITECTUAL STEP NOSINGS

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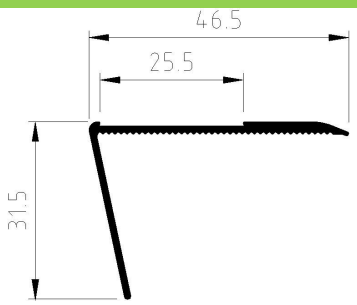
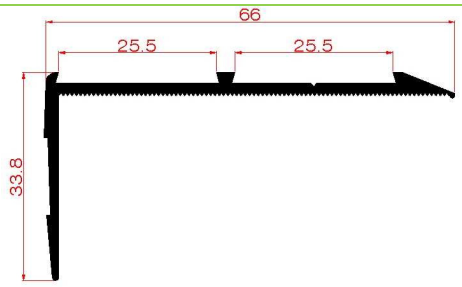
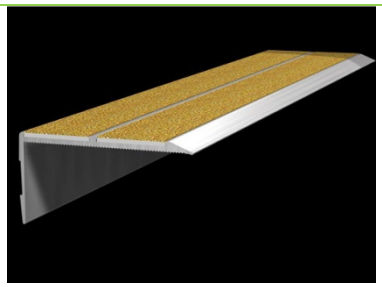
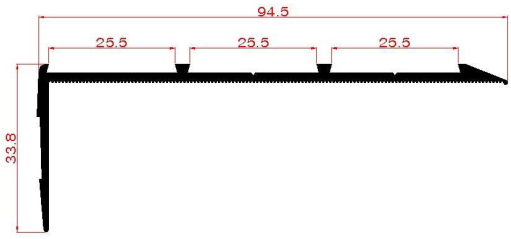
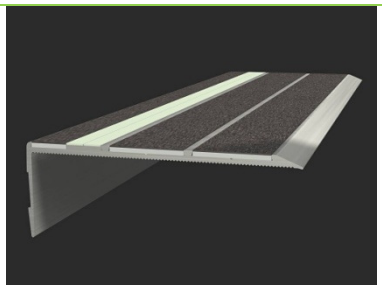
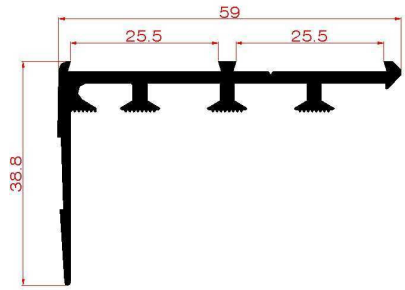
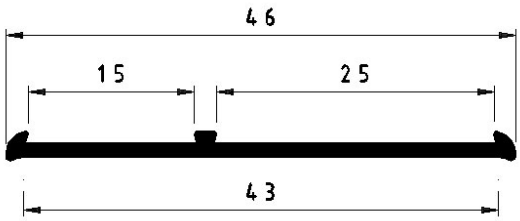
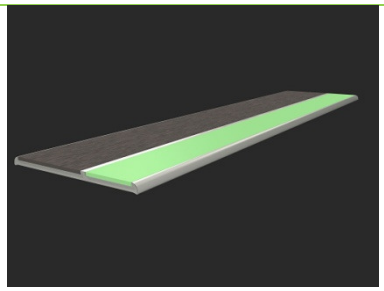
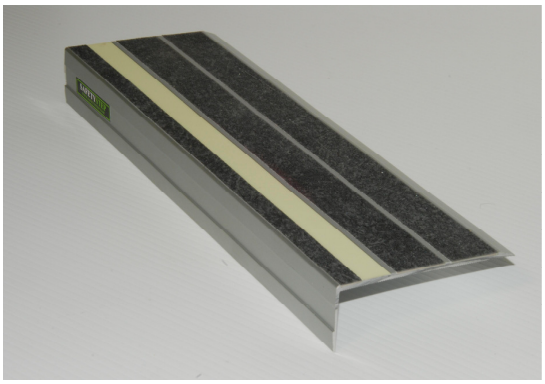
ALN1		
ALN2		
ALN3		
ALNCP		
VISISTRIP		

SIZES AVAILABLE
ARCHITECTUAL STEP NOSINGS

Architectural Step Covers are available at any lengths up to 6 metres. Special run profile can be produced subject to order volume.

Maximum length of extrusion is 6.0 meters. Please be aware that the shipping of longer lengths can sometimes be problematic and expensive.
Maximum length of clear front lens and non-slip insert material is 2.4 meters.
Maximum length of **GlowStrip** is 2.0 meters.



COLOURS AVAILABLE
ARCHITECTUAL STEP NOSINGS

The aluminium profiles are supplied with a robust, easy to maintain anodised finish as standard. The colour of the anodised finish is 'natural' or sometimes called 'bright metal finish'.

The safety non-slip inserts are available in black or in yellow colour.

GLOWSTRIP is a green/yellow colour in daylight and glows green in darkness.

PHYSICAL PROPERTIES
INDUSTRIAL: ARCHITECTUAL STEP NOSINGS

Architectural Stair Covers are assembled from a number of individual components and the physical properties of each of these components is examined below.

ALUMINUM – The aluminium metal used in the manufacture of Safety Step architectural step covers is the highest grade architectural alloy available. Alloy 6060 temper T5 is used.

The **ANODISED FINISH** is a full 15 micron clear finish that provides a robust, durable and attractive finish.

PVC SAFETY INSERT or GripStrip is a high performance, custom manufactured material that offers high traction and high wear characteristics. It is made from a reinforced, multi layered PVC based material including a stable base layer followed by a reinforcement layer to provide dimensional stability then a coloured PVC layer and finally topped off with a unique textured layer that provides the non-slip feature.

Technical Data of the Gripstrip Product

Parameter	Dimension	Specification	Tolerance	Test method
Width	**cm**	**20**	min.	MSZ EN 426
Thickness	**mm**	**1,3**	+0,13; -0,10	MSZ EN 428
Weight	**g/m2**	**1900**	+13%; -10%	MSZ EN 430
Wear layer density	**kg/m3**	**1250**	±50	MSZ EN 436
Dimensional stability (L/C)	**%**	**±0,20**	Max.	MSZ EN 434
Curling	**mm**	**8**	Max.	MSZ EN 434
Flexibility (diameter 20/40 mm)	**visual evaluation**	**no damage**	-	MSZ EN 435
Light fastness	**grade**	**6**	min.	MSZ EN ISO 105-B02 3. method
Adhesion resistance of top layer	**N/50 mm**	**50**	min.	MSZ EN 431
Abrasion group	**-**	**T**	-	MSZ EN 660-1
Wear layer thickness	**mm**	**0,5**	+13%; -10%	MSZ EN 429
Castor chair	**visual evaluation**	**no damage**	-	MSZ EN 425
Residual indentation	**mm**	**0,1**	Max.	MSZ EN 433

Informative Data of the Gripstrip Product

Parameter	Dimension	Specification	Tolerance	Test method
Chemical resistance	**visual evaluation**	**high resistance**	-	MSZ EN 423
Slip resistance	**class**	**DS**	-	EN 13893
	Wet	**COF: 0.51**		AS/NZS3661.1:1993
Reaction to fire	**class**	**Cfls1**	-	EN 13501-1
Standard roll length	**lm**	**25**	-	MSZ EN 426

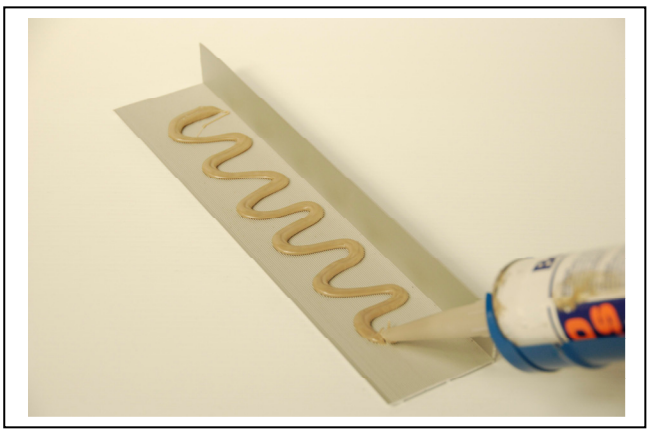
INSTALLATION
ARCHITECTUAL STEP NOSINGS

Architectural Step Covers 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 Adverstep top plate 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 is a bead as shown below and ensure the Step Cover beds down into the mastic without actually touching the stair tread. Alloy sufficient time for the adhesive to dry before allowing traffic on the stair.



MAINTENANCE
ARCHITECTUAL STEP NOSINGS

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

Because of the extreme hardness and chemical resistance of Architectural Stair Covers, cleaning can be effected with low pressure steam or water, degreasers or detergents. Stubborn soilage can be removed with a stiff deck broom. Do not use scrapers, strong solvents or wire brushes

SLIP REISTANCE

The coefficient of friction (COF) is a number which represents the friction between two surfaces. Friction is of course the resistance an object encounters in moving over another, so when we quote a COF figure for our anti-slip products we are quoting the measure of our products ability to provide safe traction and thereby prevent slips and falls.

Different countries and indeed different agencies within a country adopt and rely on different testing apparatus to gain COF results. Safety Step has had test results produced from the three internationally most widely accepted slip metres:

- The Brungraber Mark II
- The English XL VIT
- The British Pendulum Slip Tester

Safety Step Architectural safety products have been tested with the above apparatus and found to comply with and exceed the requirements the following Standards:

- ASTM F1677
- ASTM F1679
- NFPA 1901
- DIN 51130
- AS/NZS 4586

LUMINANCE DATA – GLOWSTRIP

Blended Strontium Aluminate pigment applied over a sheet aluminum base makes up the material included within Architectural Stair Covers to cause them to glow in the dark. This material is non-toxic and non-radioactive.

The following chart maps the luminance decay of Safety Step glow in the dark 'GlowStrip'. Luminance performance has been measured and charted from initial darkness to a condition of 0.3 milli candelas per square meter, the visibility threshold of the human eye.

The luminance measurements were made on the photo luminescent test samples with the ITS License Plate Test Apparatus.

The center of each test sample was measured initially, after 5 minutes, after 10 minutes, after 30 minutes, after 1 hour and after 2 hours.

The aperture of the Pritchard Telephoto meter was adjusted to achieve the proper measuring area (two inches diameter) on the test samples. The ITS License Plate Test Apparatus is traceable to the National Institute of Standards and Technology through the calibration of the Optronic Luminance Standard.

The test samples were exposed to 1,000 lux illumination from a 150 watt Xenon light source for 5 minutes immediately prior to the initial luminance measurements.

	Luminance measured in mcd/m2						
Product	Initial	After 5 mins	After 10mins	After 30mins	After 60mins	After 120mins	Time to 0.3 Mcd/m2
Strontium Aluminate	2,980	550	292	87	40	18	5,170