

# Technical Datasheet - Stair Nosing

## Aluminium Slimline Nosing - NSL

### Product Description

The NSL Profile is designed to be used in most commercial and industrial applications with a coloured PVC insert. It is available in a 3mm gauge allowing for fixing with Vinyl, linoleum and medium carpets or similar floor covering. The profile is available in a range of designs with DDA and building regulations accounted for. Further technical information available on request.

### Dimensions and Colour

Stock Lengths are available in 2.46m, 2.77m and 3.22m with a selection of slip reducing PVC insert colours - see nosing colour charts for availability.

Profiles can be anodised and cut to length upon request.



### Range



**Genesis**  
For the Perfect Finish

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## Technical Details

### Aluminium

Chemical composition: In accordance with BS EN 573-3:2003 Aluminium and aluminium alloys. The trace elements of the composition which determine the alloy selected are 6063 Thermal Treatment designations: T6. To the best of our knowledge this is at least equal to the best in the market.

Manufacturing Tolerance: In accordance with BS EN 755

### PVC Insert

A REACH compliant flexible PVC extrusion grade specifically designed for non-suff stair nosing applications with good anti-slip properties; to our knowledge our inserts achieve the best slip resistance results in the market.

Slip-resistance tests have been independently undertaken by Lucideon Ltd using the pendulum and inclined platform test;

Inclined Platform Test DIN 51130:2010

### Category: R11

Slip Resistance BS 7976-2:2002  
Pendulum Test

**PTV Average Dry Value: 66**

**PTV Average Wet Value: 54**

The UK slip resistance group recommends the following guidelines;

PTV	Slip Potential
0-24	High
25-35	Moderate
36+	Low

### Silicon Carbide Anti Slip Test (Passed High Slip Resistance)

Australian Standard; AS/NZS 4586:2004 Slip resistance classification of new pedestrian surface materials, Appendix A: WET Pendulum (Four S slider): Mean BPN: 73 V[HIGH\*] Australian Standard; AS/NZS 4586:2004 Slip resistance classification of new pedestrian surface materials, Appendix D: OIL-WET Ramp Mean overall acceptance and: 38.1° R13 [HIGH\*].

\*CSIRIO has categorised the AS4586 classifications into sub-groups Low, Medium and High.

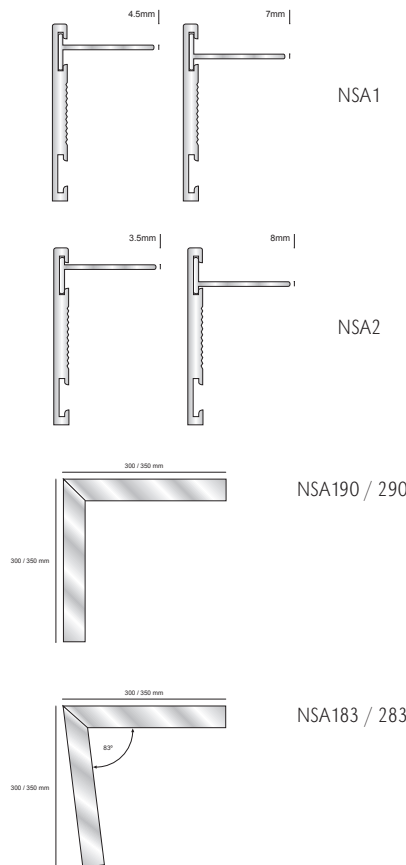
## Maintenance

Inserts: All inserts should be cleaned using a neutral detergent and thoroughly rinsed with clean water. Ensure all inserts are dry prior to receiving foot traffic.

Aluminium Channel: These can be polished using steel wool or cloth to maintain the appearance - under no circumstances should solvent cleaners be utilised in cleaning or maintaining Genesis Aluminum Products.

## Allied Product

NSA/NTL/NTAB1/2 - Stair Edge Trims and Angles.



## LRV Table

GENESIS INSERT COLOUR	LRV
BLACK	4.5
GREEN	6.3
BROWN	9.1
COBALT BLUE	9.2
RED	10.6
SKY BLUE	13.5
MIDNIGHT GREY	12.8
DOLPHIN GREY	27.6
BEIGE	41.1
ICE GREY	42.1
CANVAS	53.2
YELLOW	55.7
WHITE	79.9

## Installation

1. Ensure the steps are dry, clean, free of debris, level and even.
2. If Predrilled use the drillholes to mark steps for drilling location.
3. Drill and Plug the steps.
4. Apply suitable adhesive to the underside of the nosing and apply nosing to the step.
5. Screw down the step with the appropriate size screws.
6. Apply insert (if separate) or insert pip to cover screw head.

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