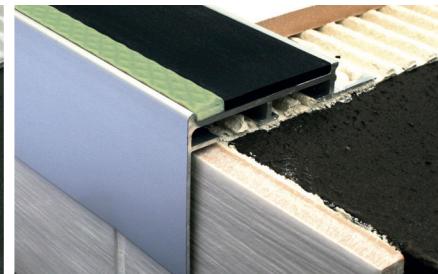
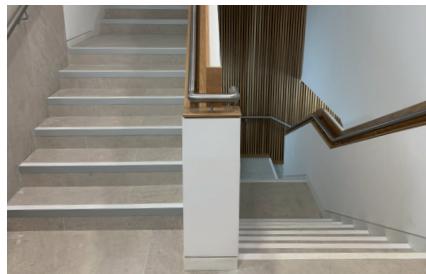
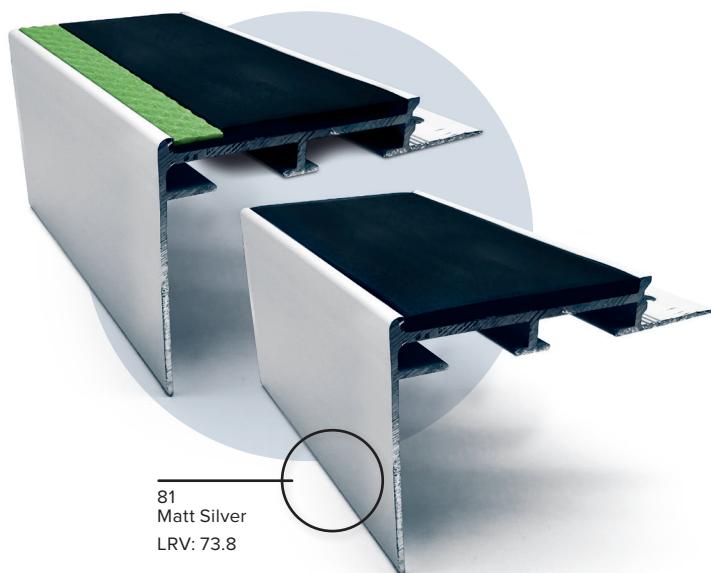
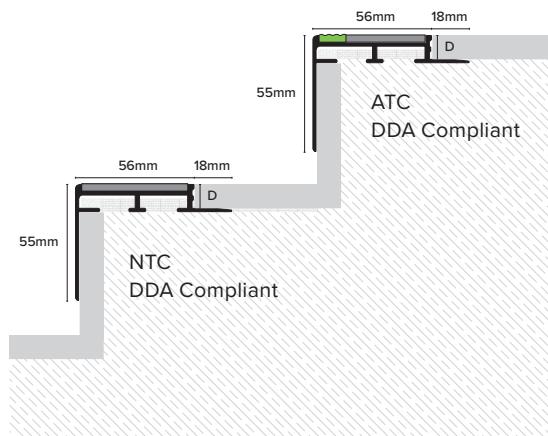


NTC / ATC



Product Description

This Heavy Duty Aluminium Tile-In Nosing offers a cost effective alternative to ceramic treads. The PVC insert on the tread has been designed to provide additional slip resistance. Although mainly used with ceramic tile it can also be used with wood, laminate and stone. It also meets with DDA Guidelines and Building regulations. Also available with Aluminator option (ATC).

Dimensions

Stock Lengths are available in 3.22m with a selection of non-slip PVC inserts.

Aluminium Extrusion Standard

(DIN) EN 755 1994/1997 ; Aluminium and aluminium alloys. Alloy: 6063 Temper: T5

Technical Details

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 the best in the market.

Manufacturing Tolerance: In accordance with BS EN 755.

Aluminium AA 6063 T6 / UNS A96063 anodised to DIN 17611

Si%	0.2-0.6
Fe%	0.35
Cu%	0.1
Mn%	0.1
Mg%	0.45-0.9
Zn%	0.1
Cr%	<0.01
Al	Balance

Maintenance

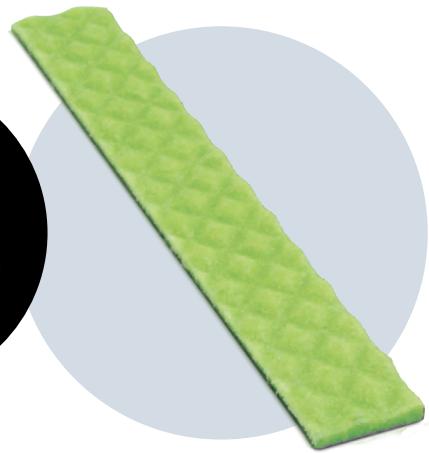
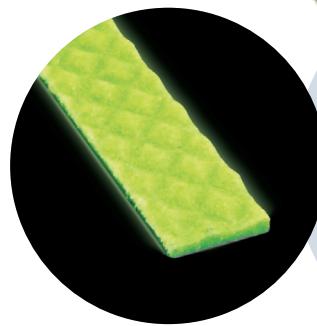
Inserts: All inserts should be cleaned using a neutral detergent and thoroughly rinsed with clean water. Ensure all inserts are dry prior to receiving foot traffic.

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 Aluminium Products.

Installation

1. Measure and cut the profile to desired length
2. If required, fix tile to riser
3. Bed the profile into the adhesive ensuring the adhesive penetrates through the anchoring holes. Adjust accordingly and position the profile so the front edge covers the tile on the riser if fitted.

Aluminator® Insert



Description

Aluminator® insert is resistant to attack from ultraviolet light, oil, grease, petrol, salt, dilute acids and alkalis, common household chemicals and detergents. Organic solvents will soften **Aluminator®** insert.

Aluminator® insert is produced with a polyurethane coating which reduces dirt retention. The three dimensional pyramid pattern which provides excellent slip resistance in the wet will require more care than a smooth flooring surface. As with any flooring, regular maintenance is important to prevent excessive soiling. Cleaning is best achieved by scrubbing with a bristle brush in conjunction with warm soapy water. Commercial cleaning machines such as the "Scrub-Vac" are also suitable

Slip Resistance

See Tredsafe® overleaf

The UK slip resistance group recommends the following guidelines;

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

International testing houses consider the following guidelines;

Ramp	Slip Potential
R9	High
R10	Normal
R11	Low
R12	Very Low

Technical Details

Description	Aluminator® Lumitred
Chemical Identity	Europium doped Strontium Aluminate
Colour	Green
Peak Wavelength	520nm
Afterglow Brightness (Measured in Milli Candela after 10 mins excitation)	455 mcd/M ²
Afterglow duration (Time taken to reach an afterflow of 0.32 mcd/M ²)	>3000mins
Highly Visible Afterglow duration	>600mins
Light Fastness	Excellent
Chemical Stability	Excellent
UV Stability	Balance
Intended Use	Light Stabilty of Polyolefin Polymers
Loading	2%

Physical Properties

Physical	Test Method	Nominal Value	Test Method	Nominal Value
Melt Flow Index	ISO 1133	1.0 g/10min	ASTM D1238	1.0 g/10min
Density	ISO 1183	0.90 g/cm ³	ASTM D792	0.9 g/cm ³
Mechanical				
Tensile Stress (Yield)	ISO 527-1	290 kgf/cm ² 28 Mpa	ASTM D638	290 kgf/cm ² 31 Mpa
Tensile Stress (Break)	ISO 527-1	>100%	ASTM D638	>100%
Flexural Modulus	ISO 178	12,500 kgf/cm ² 1,323 Mpa	ASTM D790	13,500 kgf/cm ² 1,320Mpa
Impact				
Notched Izod Impact Strength (23°C)	ISO 180	40 kgf.com/cm 392 J/m	ASTM D256	40.0 kgf.cm/cm 490 J/m
Notched Izod Impact Strength (10°C)	ISO 180	- kfg.cm/cm - J/m	ASTM D256	4.5 kgf.cm/cm 44 J/m
Thermal				
Heat Deflection Temperature (4.6kgf/cm ²)	ISO 75-1	112°C	ASTM D648	110°C
Vicat Softening Point	ISO 306	153°C	-	-
Additional Property				
Flammability	UL94	HB	UL94	HB