



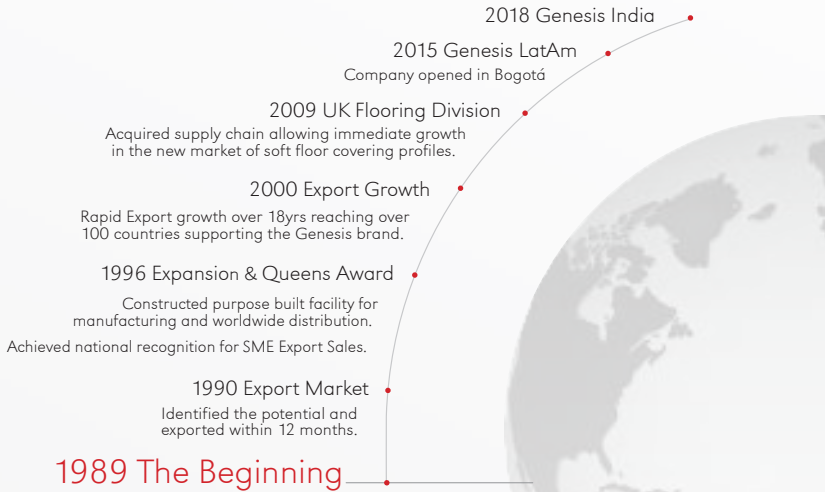
# Product Catalogue 2019



Genesis

For the Perfect Finish

# Our Story



## Milestones





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Nosing



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## Check out what is new for 2019

This is just a selection of what is new for this year. All new products are indicated throughout the catalogue.



# Commercial Nosing



We offer you a combination of profiles to suit all types of stairs and installation requirements. Carpet, laminate, tile or vinyl solutions can be found and we even produce bespoke profiles and offer comprehensive drilling, forming and finishing services.

Excellent technical support for installations and materials is available.



Over **100,000 injuries** are reported on non-domestic stairs each year and the latest HSE figures show that **100 deaths** result directly from falls and trips on stairs.

## LRV's – Clarification

Reflectance is the proportion of light that a surface reflects compared to the amount or volume of light that falls on the said surface. An LRV is a value given to a surface to identify the amount of light reflected. People with impaired vision can perceive light and dark, therefore LRV's are a suitable method to measure contrast between 2 different surfaces.

Note that dark, matt or textured surfaces absorb a large amount of light, therefore have low reflectance values, however a combination of one or all light, shiny or smooth surfaces reflect the majority of light and therefore have higher reflectance values.

In order to achieve a suitable contrast between different surfaces, ADM 2004 recommend at least a 30 point difference in the LRV's of the two contrasting surfaces.

Please note the RAL numbers in the above table is a guide only and cannot guarantee an exact match as there are a number of variables within the manufacturing process.

Genesis Finish	LRV	RAL
01 White	79.9	9003
16 Black	4.5	9004
20 Brown	9.1	8014
25 Beige	41.1	1001
27 Canvas	53.2	1013
28 Green	6.3	6005
30 Red	10.6	3031
43 Dolphin Grey	27.6	7042
44 Ice Grey	42.1	7001
46 Midnight Grey	12.8	7024
47 Yellow	55.7	1018
48 Cobalt Blue	9.2	5000
52 Lime	30.4	6011
54 Saffron		1017
109 Sky Blue	13.5	5015
113 Tangerine		2000
601 White	82.7	9003
616 Black	4.8	9004
643 Mid Grey	18.3	7000
647 Yellow	46.1	1012



## Nosing Insert Slip Resistance

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

### **Inclined Platform Test DIN 51130:2010**

The critical angle at which a test person reaches the limit of safe walking on an inclined plane is used as a measure of slip resistance.

### **Pendulum Test BS 7976-2:2002**

The energy absorbed by contact with the pre-set distance is read from a physical scale by a pointer that follows the overswing of the pendulum arm. 12 results are averaged to give the final pendulum number which is used to categorise the tile surface.

## Results

Insert	Inclined Platform Test DIN 51130:2010*	Category	Pendulum Test BS 7976-2:2002#	
			Dry	Wet
Standard	22.9°	R11	66	54
Tredsafe®	24.7°	R11	57	47

\*Average of Six Shod Results (Corrected)

#PTV Average Value

**The UK slip resistance group recommends the following guidelines;**

PTV	Slip Potential
0-24	High
25-35	Moderate
<b>36+</b>	<b>Low</b>

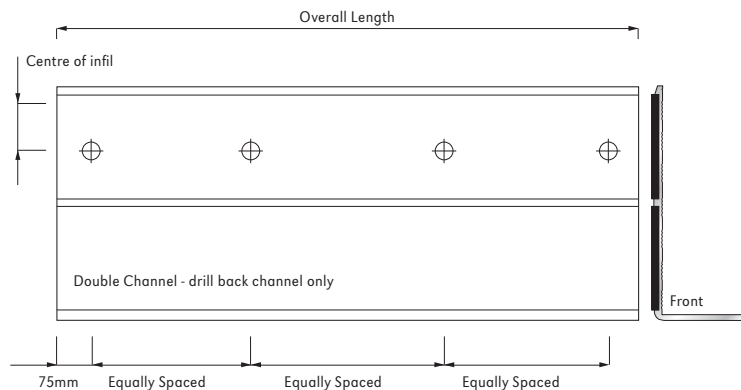
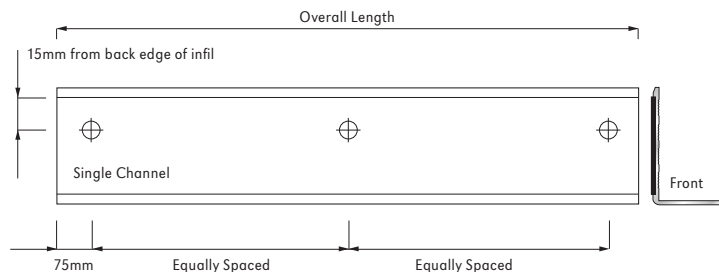
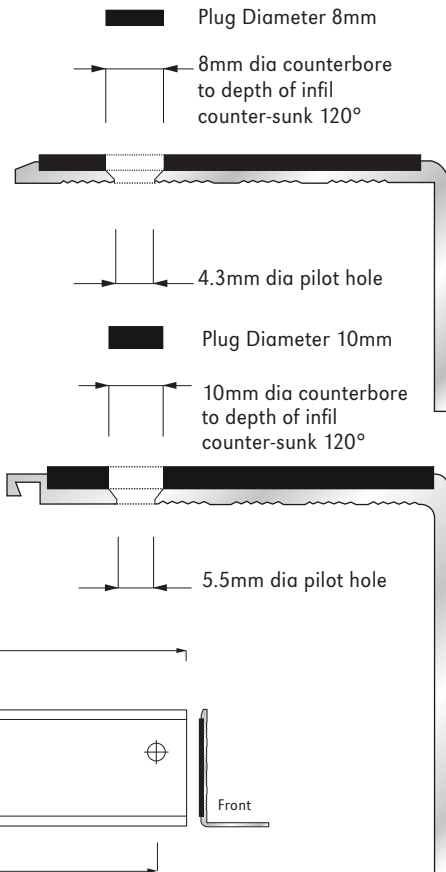


## Drilling Instructions

### Drill using Genesis countersunk drill bit

Start 75mm from one end and set all holes equally as indicated for single and double channel.

Length	No. of Holes
600 - 699	2
700 - 1049	3
1050 - 1399	4
1400 - 1749	5
1750 - 2099	6
2100 - 2449	7
2450 - 2799	8
2800 - 3220	9







## Installation - Mechanical Fix



**1**  
Prepare surface, it must be clean, smooth and free of debris.



**2**  
Position the profile, check the fit and mark the drill holes.



**3**  
Drill and Plug to suit the screw size.



**4**  
Apply adhesive as per manufacturer's instructions.



**5**  
Position onto step.



**6**  
Mechanically fix.



**7**  
Insert plug.



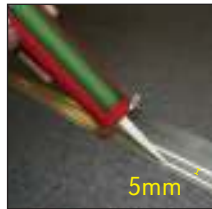
**8**  
Remove protective film when applicable.

If fixing inserts separate follow steps 1 – 6, remove release paper from channel and position insert ends flush applying pressure towards the centre finishing with hand roller to ensure adhesion.

## Installation - Adhesive



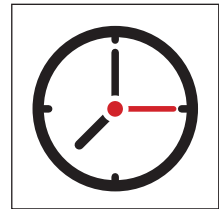
**1**  
Prepare surface, it must be clean, smooth and free of debris.



**2**  
Apply 5mm bead to the underside of the profile, 2 lines for Single and 3 for double channel.



**3**  
Position, press and slide to ensure full bond.



**4**  
Allow min. 1 hour after fixing. It is the contractor's responsibility to ensure the bond is secure before opening the area.

**Installer must follow individual manufacturers guidelines**



## Insert quick reference guide



Insert	LRV	NSL		ASL		NHD		AHD		NTC/S	ATC/S	NXF/S	LNR	P.V.C
		SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE	SINGLE	DOUBLE					
<b>Standard</b>														
01 White	79.9													
16 Black	4.5													
20 Brown	9.1													
25 Beige	41.1													
27 Canvas	53.2													
28 Green	6.3													
30 Red	10.6													
43 Dolphin Grey	27.6													
44 Ice Grey	42.1													
46 Midnight Grey	12.8													
47 Yellow	55.7													
48 Cobalt Blue	9.2													
52 Lime	30.4													
54 Saffron														
109 Sky Blue	13.5													
113 Tangerine														
<b>Tredsafe®</b>														
601 White	82.7													
616 Black	4.8													
643 Dolphin Grey	18.2													
647 Yellow	46.1													
<b>NIA50</b>														
80 Mill Aluminium	78.9													
<b>P.V.C Channel</b>														
16 Black														
<b>Anodising</b>														
16 Black														
81 Matt Silver														
86 Bright Brass														
91 Bright Silver														



## Standard - NISL38

Insert	Fits	External
NISL38	NSL Twin Channel	No



## Standard - NISL50

Insert	Fits	External
NISL50	NSL Single Channel	No



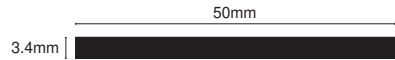
## Standard - NIHD38

Insert	Fits	External
NIHD38	NHD Twin Channel	No



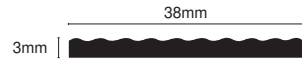
## Standard - NIHD50

Insert	Fits	External
NIHD50	NHD Single Channel	No



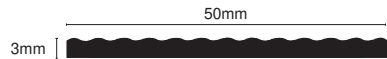
## Tredsafe® - NITR38

Insert	Fits	External
NITR38	NSL, NHD Twin Channel	Yes



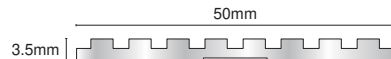
## Tredsafe® - NITR50

Insert	Fits	External
NITR50	NSL, NHD Single Channel	Yes



## Castellated - NIA50

Insert	Fits	External
NIA50	NHD Single Channel	No





## Spanish City - Whitley Bay NSL19 / NHD08

### Project Specifications

Product Specified: NSL19 / NHD08  
 Colour Specified: Bespoke bronze  
 finish with a brown insert  
 Sector: Hospitality



### Project Description

Originally completed in 1910, 'The Dome' became a hub of activity and interest, not only because it was home to many attractions, but because of its stunning architecture and unique design.

Almost 18 years after the venue's final closure, Spanish City reopens following a restoration project that sees historical features brought back to their former glory and the introduction of new leisure facilities including; family-friendly venues, a fine dining restaurant, tearooms, event spaces and a champagne bar taking residence inside the famous landmark.



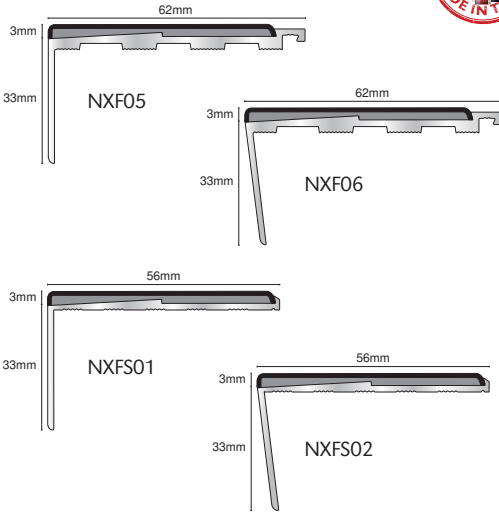
Tradition was key in this renovation project and the need for hard wearing stair nosings that would prevent slips but still not look out of place were a must have.

The nosings were finished in a bespoke bronze with a brown infill in-order to keep to traditional look and feel of the building. NHD08 has been used on the round edged steps to give full protection to the step edges and NSL19 has been used on the traditional straight edged steps.



## Frontier NXF/S

Available in 2.77m Standard Lengths.



### Channel NXF



### Channel NXFS



### Anodising - Maximum length 3m

Please note; anodising is not a stock item - lead times apply



### Standard Insert



### Insert LRV NXF N XFS

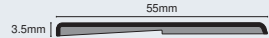
#### Standard

Insert	LRV	NXF	N XFS
16 Black	4.5		
44 Ice Grey	42.1		
47 Yellow	55.7		

#### Anodising

16 Black		
81 Matt Silver		
86 Bright Brass		
91 Bright Silver		

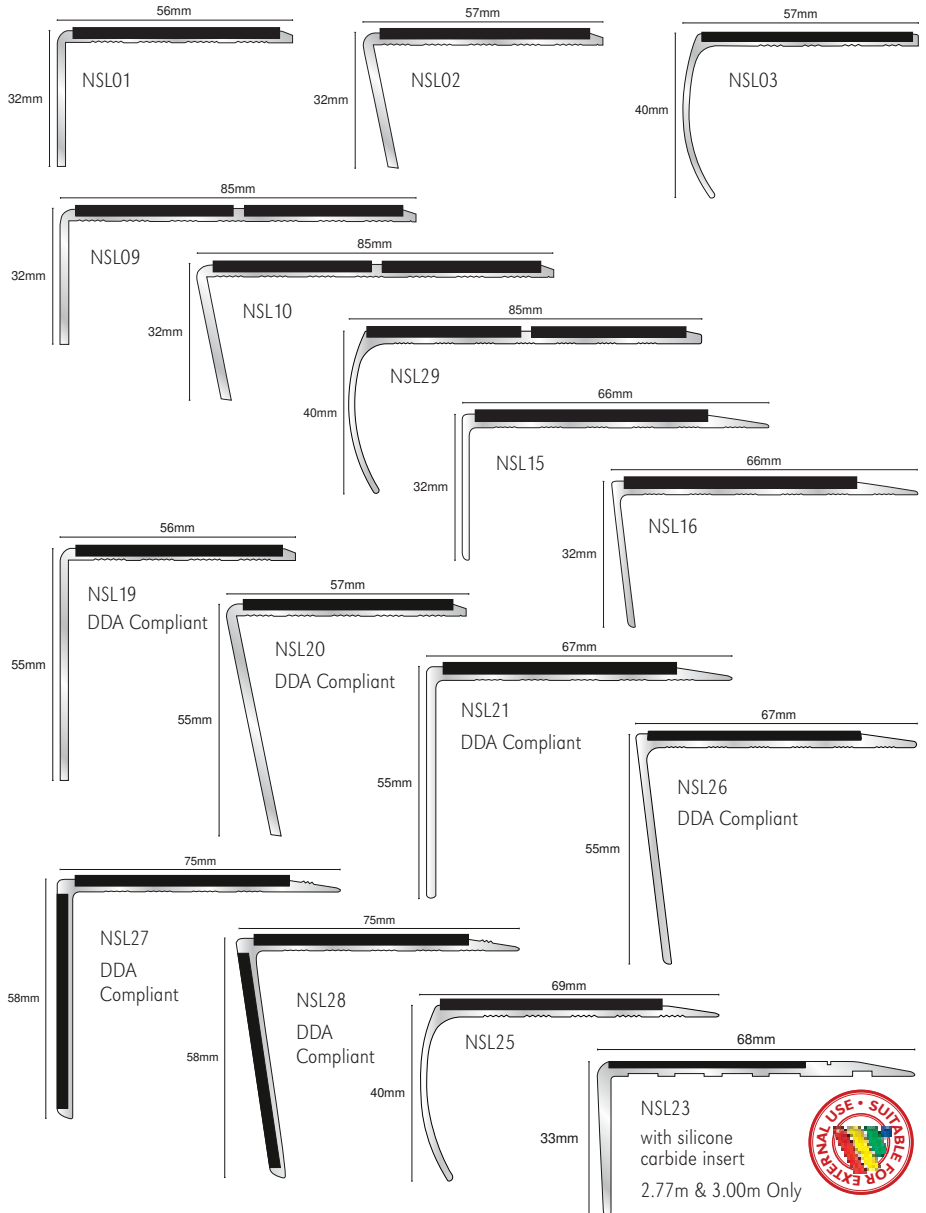
### NXF/S Rigid & Flexible





## Slimline Aluminium Nosings

Available in 2.46m, 2.77m, 3.22m Standard Lengths.



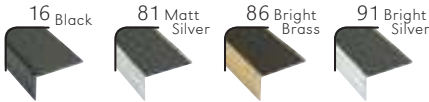


## Channel

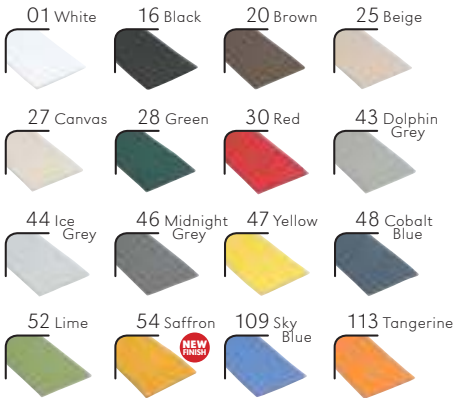


## Anodising - Maximum length 3m

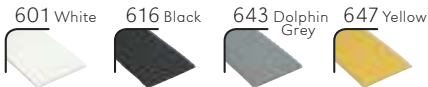
Please note; anodising is not a stock item - lead times apply



## Standard Insert



## Tredsafe® Insert



Insert	LRV	SINGLE	DOUBLE
<b>Standard</b>			
01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
52 Lime	30.4		
54 Saffron <small>NEW</small>			
109 Sky Blue	13.5		
113 Tangerine			

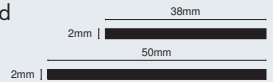
## Tredsafe®

601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

## Anodising

16 Black			
81 Matt Silver			
86 Bright Brass			
91 Bright Silver			

## Standard



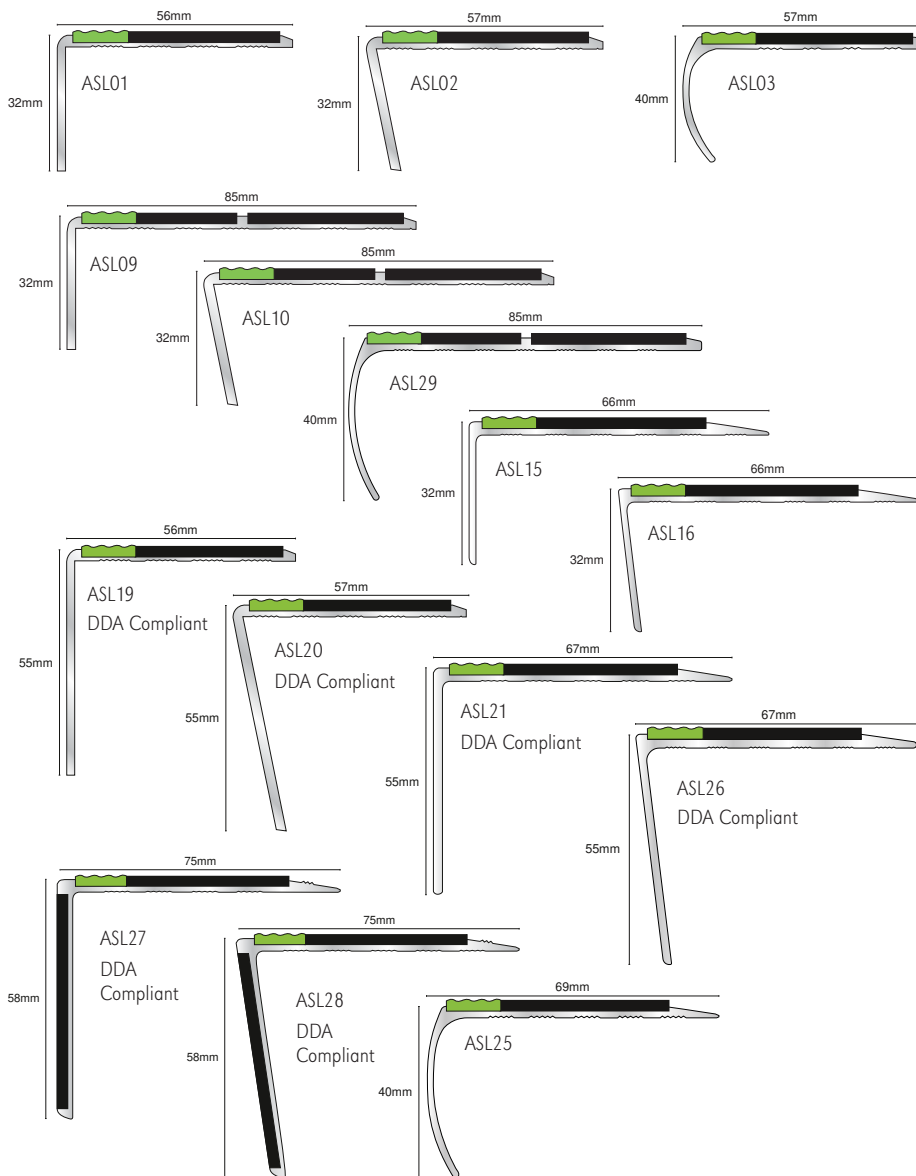
## Tredsafe®





## Aluminator® Slimline Aluminium Nosings

Available in 2.46m, 2.77m, 3.22m Standard Lengths.





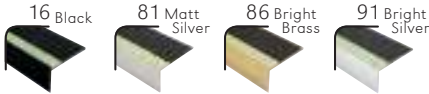


## Channel

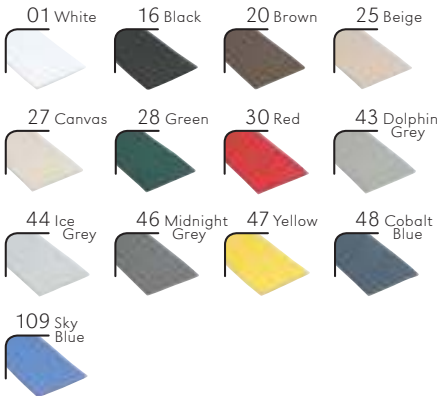


## Anodising - Maximum length 3m

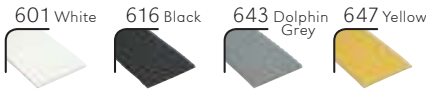
Please note; anodising is not a stock item - lead times apply



## Standard Insert



## Tredsafe® Insert



Insert	LRV	SINGLE	DOUBLE
<b>Standard</b>			
01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
109 Sky Blue	13.5		

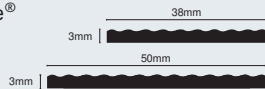
<b>Tredsafe®</b>			
601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

<b>Anodising</b>			
16 Black			
81 Matt Silver			
86 Bright Brass			
91 Bright Silver			

## Standard



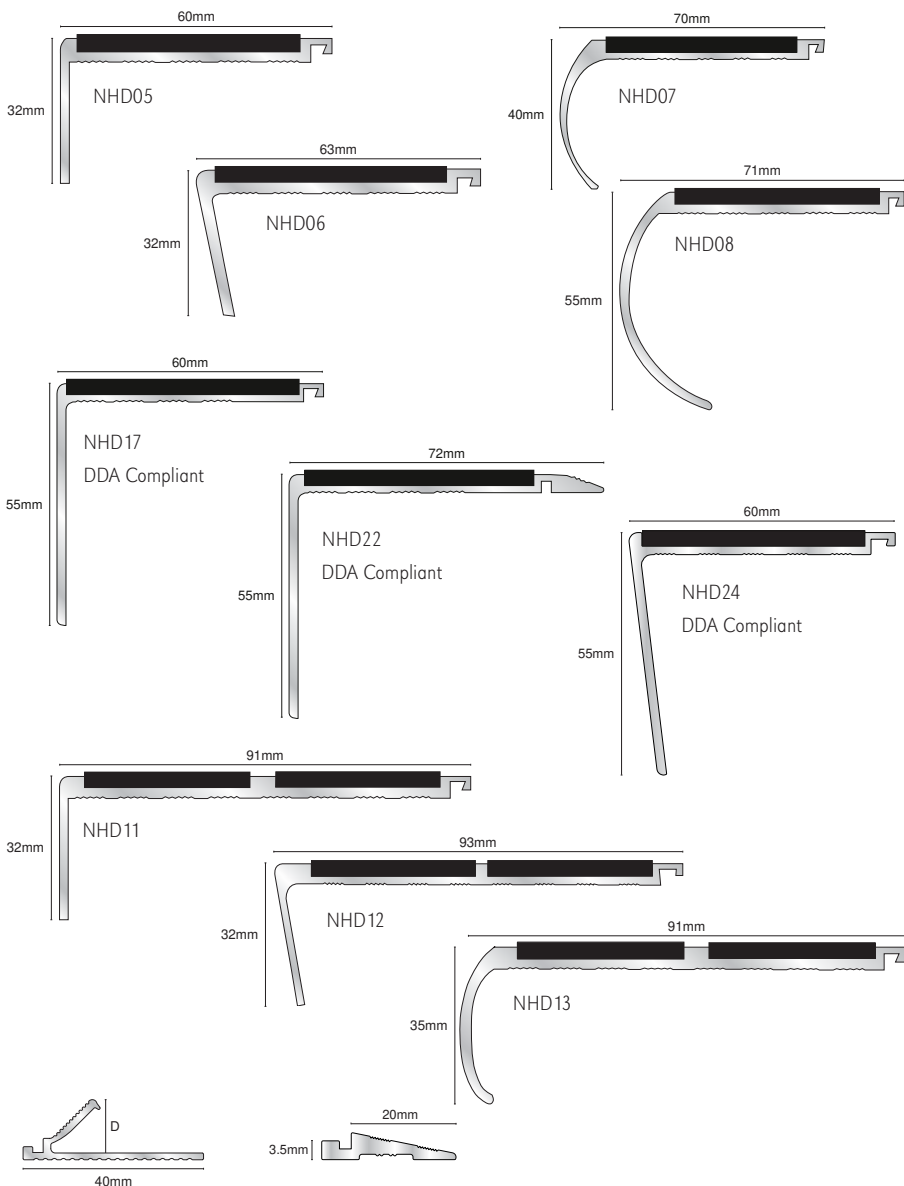
## Tredsafe®





## Heavy Duty Aluminium Nosings

Available in 2.46m, 2.77m, 3.22m Standard Lengths.



NNL01 Carpet Connector\*

NNL02 Ramp Connector\*

\*Available in 3.22m Standard Lengths only



## Channel

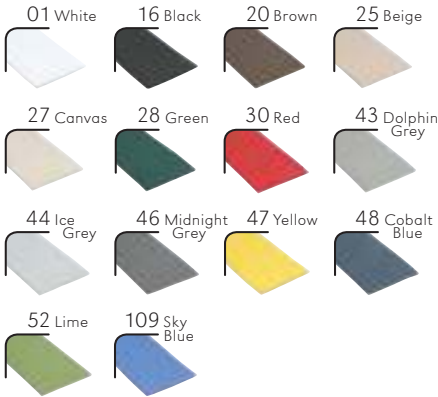


## Anodising - Maximum length 3m

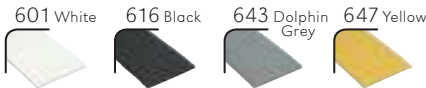
Please note; anodising is not a stock item - lead times apply



## Standard Insert



## Tredsafe® Insert



## NIA50 Insert



Insert	LRV	SINGLE	DOUBLE
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### Standard

01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
52 Lime	30.4		
109 Sky Blue	13.5		

### Tredsafe®

601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

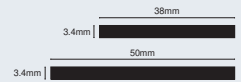
### NIA50

80 Mill Aluminium	78.9		
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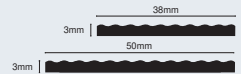
### Anodising

16 Black			
81 Matt Silver			
86 Bright Brass			
91 Bright Silver			

## Standard



## Tredsafe®



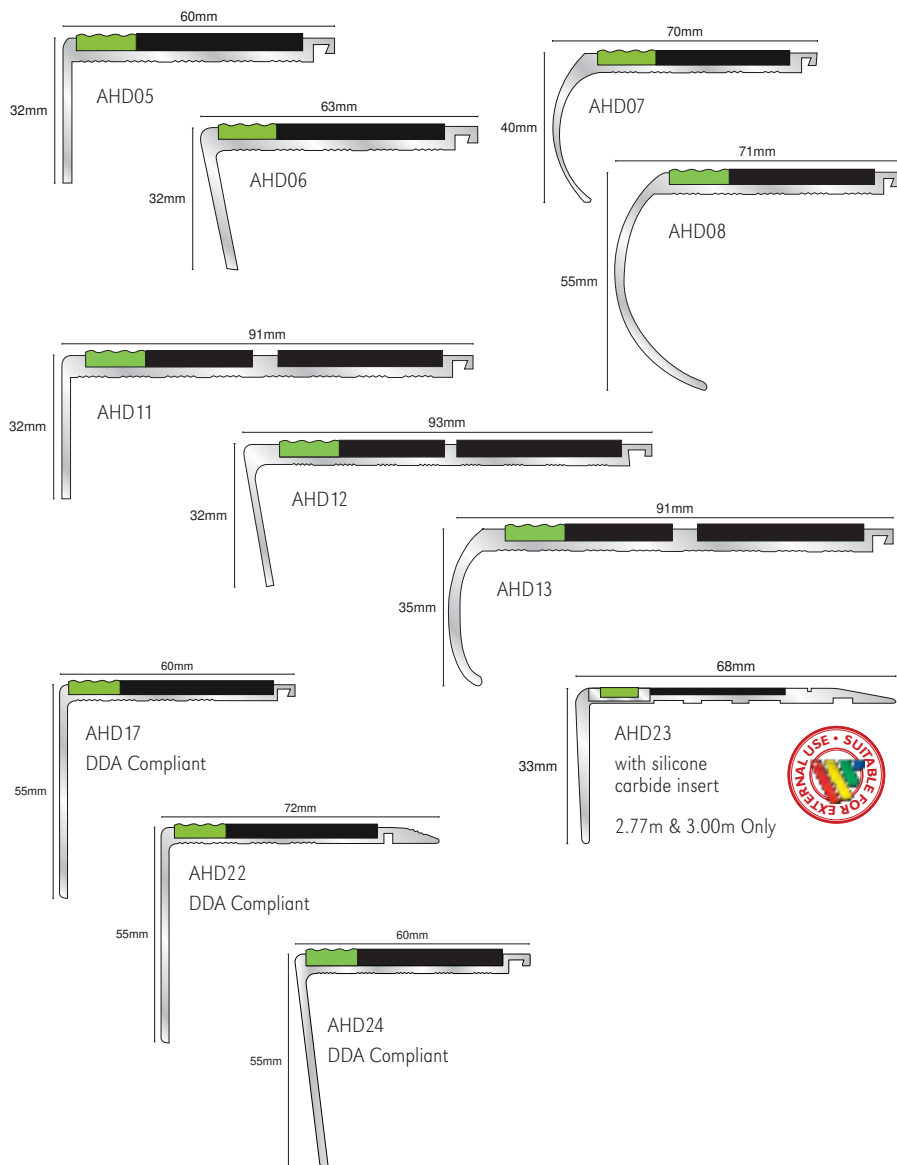
## NIA50





## Aluminator® Heavy Duty Nosings

Available in 2.46m, 2.77m, 3.22m Standard Lengths.





## Channel

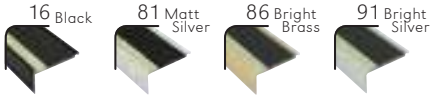


## Channel (AHD23)

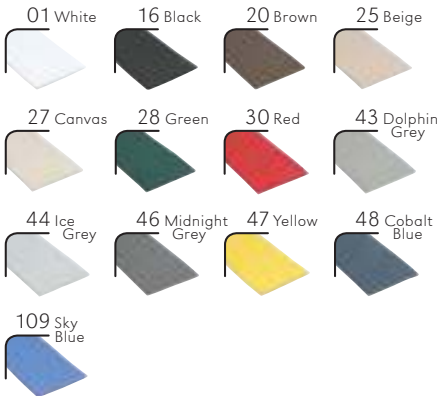


## Anodising - Maximum length 3m

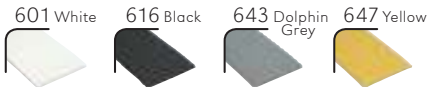
Please note; anodising is not a stock item - lead times apply



## Standard Insert



## Tredsafe® Insert



Insert	LRV	SINGLE	DOUBLE
--------	-----	--------	--------

### Standard

01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
109 Sky Blue	13.5		

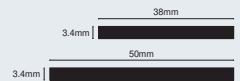
### Tredsafe®

601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

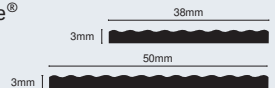
### Anodising

16 Black			
81 Matt Silver			
86 Bright Brass			
91 Bright Silver			

## Standard



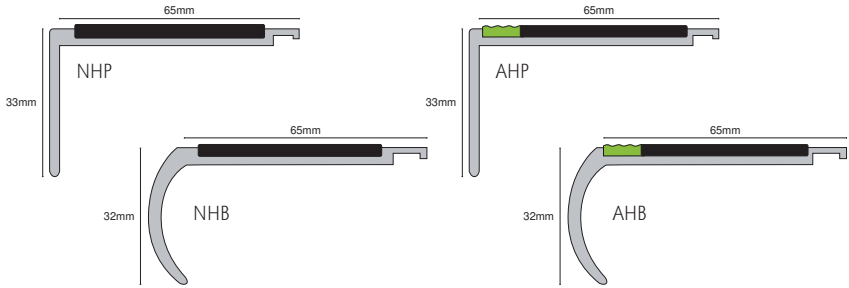
## Tredsafe®



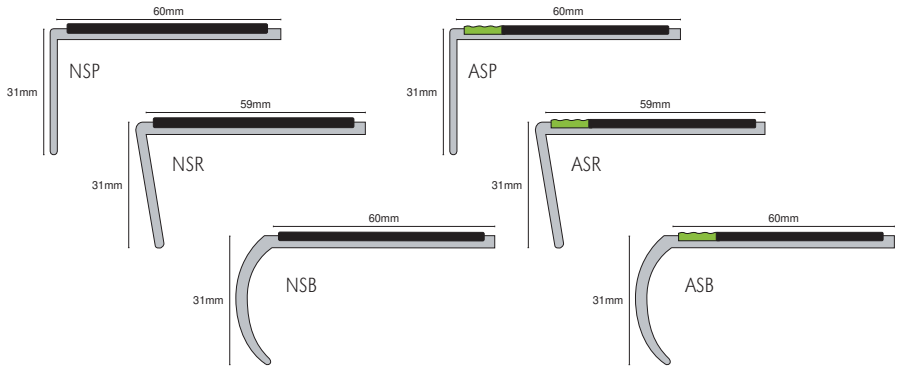


## Hard Nose P.V.C Available in 3.22m lengths

### Heavy Duty



### Slimline



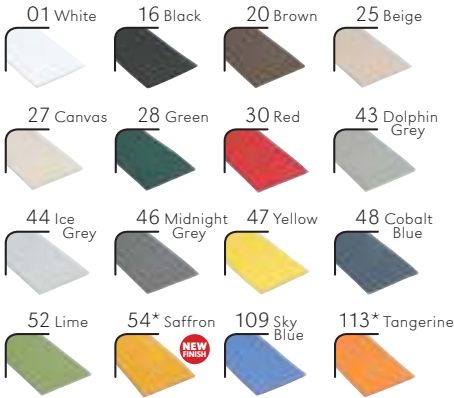


## Channel

16 Black

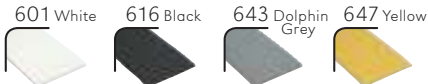


## Standard Insert



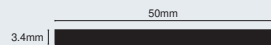
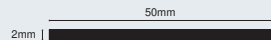
\*Slimline only

## Tredsafe® Insert

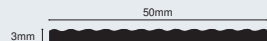


Insert	LRV	P.V.C
<b>Standard</b>		
01 White	79.9	<input type="checkbox"/>
16 Black	4.5	<input checked="" type="checkbox"/>
20 Brown	9.1	<input checked="" type="checkbox"/>
25 Beige	41.1	<input type="checkbox"/>
27 Canvas	53.2	<input type="checkbox"/>
28 Green	6.3	<input checked="" type="checkbox"/>
30 Red	10.6	<input checked="" type="checkbox"/>
43 Dolphin Grey	27.6	<input type="checkbox"/>
44 Ice Grey	42.1	<input type="checkbox"/>
46 Midnight Grey	12.8	<input checked="" type="checkbox"/>
47 Yellow	55.7	<input checked="" type="checkbox"/>
48 Cobalt Blue	9.2	<input checked="" type="checkbox"/>
52 Lime	30.4	<input checked="" type="checkbox"/>
54 Saffron <small>NEW FINISH</small>		<input checked="" type="checkbox"/>
109 Sky Blue	13.5	<input checked="" type="checkbox"/>
113 Tangerine		<input checked="" type="checkbox"/>
<b>Tredsafe®</b>		
601 White	82.7	<input type="checkbox"/>
616 Black	4.8	<input checked="" type="checkbox"/>
643 Dolphin Grey	18.2	<input checked="" type="checkbox"/>
647 Yellow	46.1	<input checked="" type="checkbox"/>
<b>P.V.C Channel</b>		
16 Black		<input checked="" type="checkbox"/>

## Standard

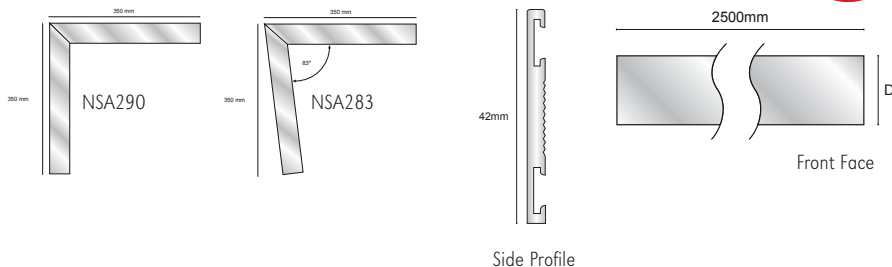


## Tredsafe®





## Stair Edge Trim Pre-Formed / Landing Strip



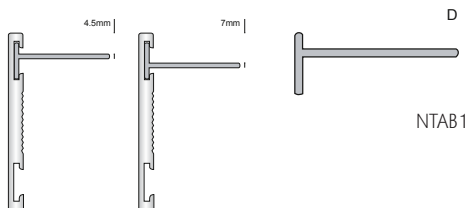
Code	D (mm)	Length (mm)	Finish	Style	Box Qty
NSA290	42	350	16,80	Straight	10
NSA283	42	350	16,80	Rakeback	10
NTL1	42	2500	16,80		10

Finish 16 is P.V.C. Finish 80 is Aluminium



## Stair Edge Trim Clips

Code	D (mm)	Pack Qty
NTAB1	4.5 / 7	Dual Height 20



Side Profile of NSA/NTL with NTAB1





## Portsmouth Library - NHD11

### Project Specifications

Product Specified: NHD11  
Insert Specified: Beige  
Sector: Education

### Project Description

Genesis NHD11 Stair Nosing with Beige infill was installed at Portsmouth's Central Library in December 2010. The library is one of the cultural highlights of the city with its Guggenheim-esque architecture and third floor arts venue; this meant keeping the stairs modern and safe too. The double channel design gives extra tread area with Genesis' Beige non slip insert contrasts the floor covering to ensure definition of the step edge and complies with BS8300:2009 and Approved Document M (ADM).



## Templates/Curves

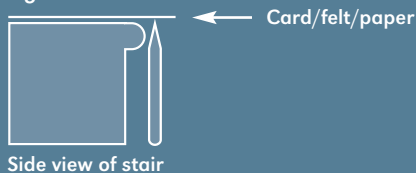
Stair casings can be made to fit most irregular shapes and curves. However each curved step must be treated individually and a separate template made for each using card, felt or paper. Follow these three simple steps as an easy guide to the perfect edge.



### Step 1

Place the card or felt on top of the curve that requires a template and draw a line underneath with a felt pen or marker (see Figure 1) following the edge of the curve to create a smooth line.

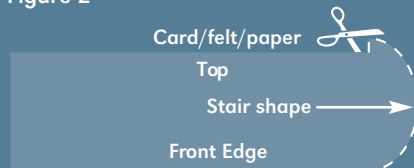
Figure 1



### Step 2

Cut the shape along the felt pen mark (Figure 2) and clearly indicate the top and front edge of the template.

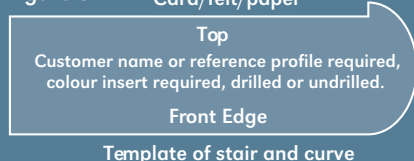
Figure 2



### Step 3

Clearly mark on the template, the customer name and reference, the profile required, the colour insert required and finally whether your curve is required drilled or undrilled (Figure 3).

Figure 3



For assistance with any aspect of measuring or making templates please speak to Technical Services.

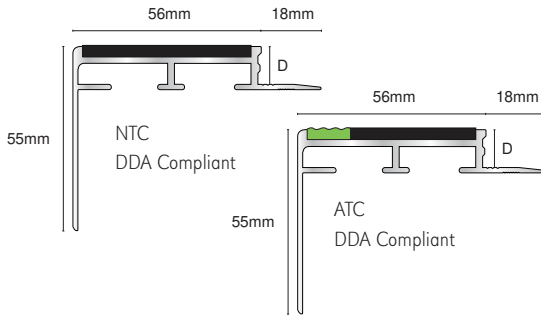
Not available for NXF/S, NTC, ATC or Vision

# Step Edges



Stair Nosings are not only a requirement in commercial installations they are highly recommended on all stair cases even if building regulations don't apply, whether it is tile, vinyl, wood or laminate the longevity and appearance of the floor can be extended with the use of a step edge and the Genesis range has all the options. Offering anti-slip and decorative solutions with an array of installation options and materials.

## Heavy Duty Ceramic Tile-In Edges



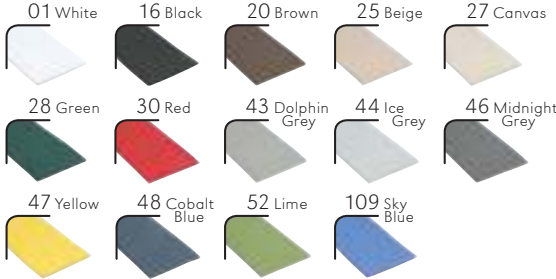
### Channel



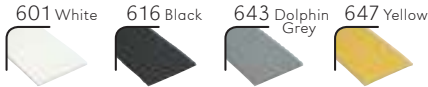
### NIA50 Insert



### Standard Insert



### Tredsafe® Insert



Code	D (mm)	Length (m)	Finish	Box Qty
NTC100	10	3.22	81	10
NTC125	12.5	3.22	81	10
ATC100	10	3.22	81	10
ATC125	12.5	3.22	81	10

Insert	LRV	NTC	ATC
--------	-----	-----	-----

#### Standard

01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
52 Lime	30.4		
109 Sky Blue	13.5		

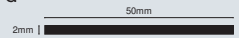
#### Tredsafe®

601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

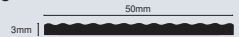
#### NIA50

80 Mill Aluminium	78.9		
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#### Standard



#### Tredsafe®

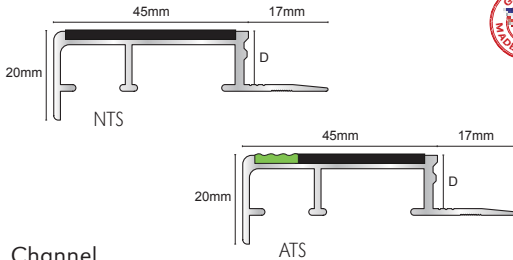


#### NIA50





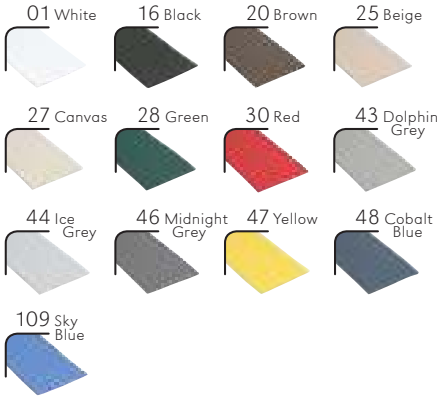
## Slimline Ceramic Tile-In Edges



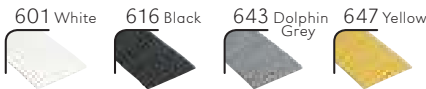
### Channel



### Standard Insert



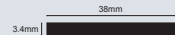
### Tredsafe® Insert



Code	D (mm)	Length (m)	Finish	Box Qty
NTS100	10	2.8	81	10
NTS125	12.5	2.8	81	10
ATS100	10	2.8	81	10
ATS125	12.5	2.8	81	10

Insert	LRV	NTS	ATS
<b>Standard</b>			
01 White	79.9		
16 Black	4.5		
20 Brown	9.1		
25 Beige	41.1		
27 Canvas	53.2		
28 Green	6.3		
30 Red	10.6		
43 Dolphin Grey	27.6		
44 Ice Grey	42.1		
46 Midnight Grey	12.8		
47 Yellow	55.7		
48 Cobalt Blue	9.2		
109 Sky Blue	13.5		
<b>Tredsafe®</b>			
601 White	82.7		
616 Black	4.8		
643 Dolphin Grey	18.2		
647 Yellow	46.1		

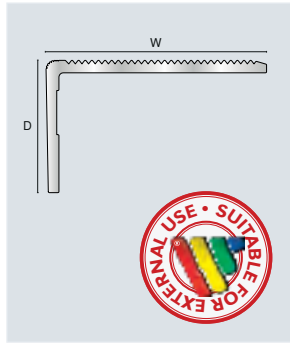
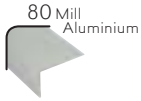
### Standard



### Tredsafe®

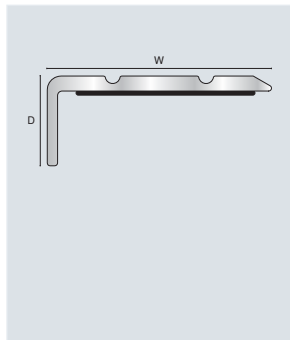


## Aluminium Retro-Fit



Code	W x D (mm)	Length (m)	Finish	Box Qty
NRA50	50 x 30	2.77	80	10

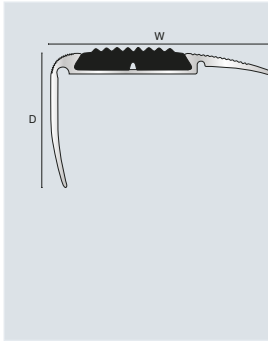
## Aluminium Self Adhesive Retro-Fit



Code	W x D (mm)	Length (m)	Finish	Box Qty
NAS207	30 x 20	2.7	40,81,83	10
NAS209	30 x 20	0.9	40,81,83	10
NAS107	25 x 10	2.7	40,81,83	10
NAS109	25 x 10	0.9	40,81,83	10

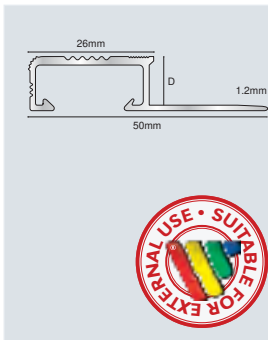


## Aluminium Nosing with Black Rubber Insert



Code	W x D (mm)	Length (m)	Finish	Box Qty
NRE05	54 x 30	2.7	16 (81 Matt Silver Channel)	10

## Aluminium Tile-In



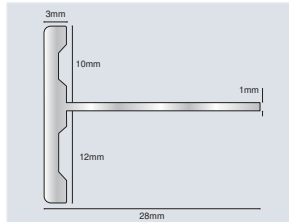
Code	W x D (mm)	Length (m)	Finish	Box Qty
NLM103	26 x 10	3	81	10
NLM123	26 x 12	3	81	10

## Aluminium Formable 2 in 1

81 Matt Silver



91 Bright Silver



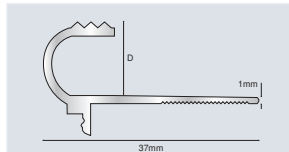
Code	W x D (mm)	Length (m)	Finish	Box Qty
NFA125	3 x 10/12	2.6	81,91	20

## Aluminium Tile-In Bullnose

81 Matt Silver



91 Bright Silver

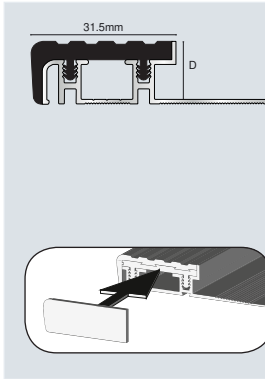


Code	D (mm)	Length (m)	Finish	Box Qty
NAT105	10	2.6	81,91	20
NAT125	12	2.6	81,91	20



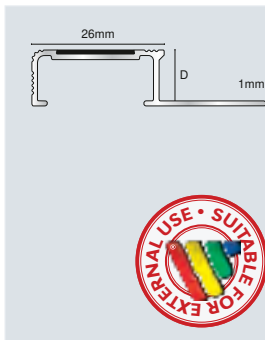


## Aluminium Stair Grip + PVC Top and End Caps



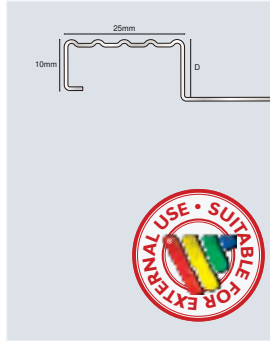
Code	W x D (mm)	Length (m)	Finish	Box Qty
NIB106	30 x 10	2.5	16,35	10
NIB126	30 x 12	2.5	16,35	10
End Caps				
Code	Description	Finish		Pack Qty
NUC102	Pair of universal end caps	16,35		2

## Aluminium Tile-In with Carbide Insert

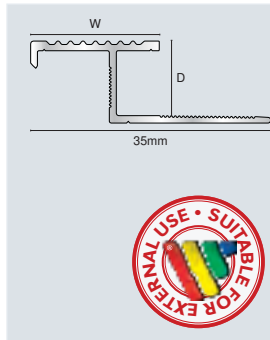


Code	D (mm)	Length (m)	Finish	Box Qty
NLC106	10	2.6	81	10
NLC126	12.5	2.6	81	10

## Stainless Steel Tile-In Nosing



## Aluminium Tile-In Step Edge



Code	W x D (mm)	Length (m)	Finish	Box Qty
NLT108	19 x 10	2.8	81	10
NLT128	19 x 12.5	2.8	81	10



# vision

The Vision range is the latest innovative product in our portfolio. Vision is comprised of both commercial and domestic profiles with an option of illumination – RGB or three shades of white. Each lighting system has its own benefits and our sales team is here to help with your requirements – contact us for more information.

# VISION

LED & Lighting





Vision offers a range of premium profiles for commercial and domestic applications, designed to protect and inspire with variable mood accents

**The range is specifically designed to accept universal LED systems, RGB and FlatLite® for Steps, Listello, Edges and Skirting offering unlimited freedom of design.**

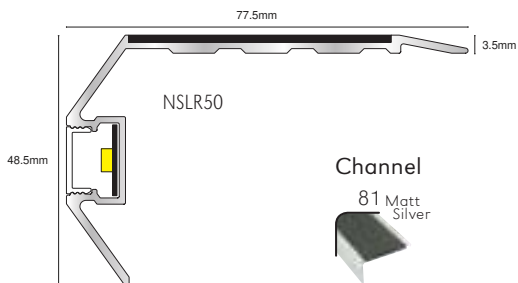
**Developed with simplicity in mind, the range of supporting hardware offers the most frequently installed systems with Polycarbonate Diffusers that eliminate the hotspots.**

- 220 & 110V Drivers
- Durable aluminium carriers
- Efficient LED 4.8W or 9.6W per metre
- Average lifespan 40,000 Hours
- Simple installation and selection
- 25mm Cutting Intervals
- IP65 Certified LED and RGB
- 120 LED's per metre
- UL approved diffusers
- Enhanced safety
- Manufactured to A-A++ energy rating
- Remote control options compatible with iPhone and Android devices
- 3M VHB adhesive backing

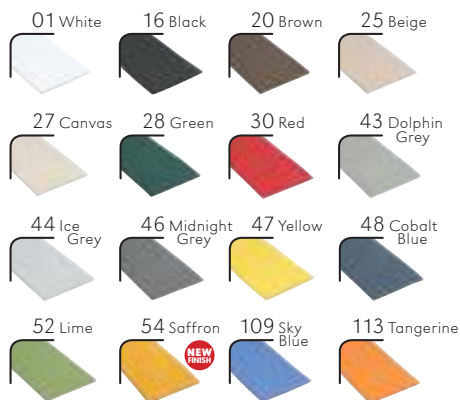


## Vision - Light Out

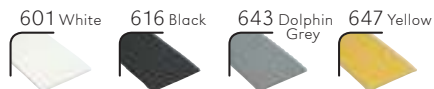
**NEW PRODUCT**



### Standard Insert

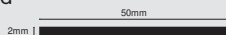


### Tredsafe® Insert



Insert	LRV	SINGLE
<b>Standard</b>		
01 White	79.9	<input type="checkbox"/>
16 Black	4.5	<input type="checkbox"/>
20 Brown	9.1	<input type="checkbox"/>
25 Beige	41.1	<input type="checkbox"/>
27 Canvas	53.2	<input type="checkbox"/>
28 Green	6.3	<input type="checkbox"/>
30 Red	10.6	<input type="checkbox"/>
43 Dolphin Grey	27.6	<input type="checkbox"/>
44 Ice Grey	42.1	<input type="checkbox"/>
46 Midnight Grey	12.8	<input type="checkbox"/>
47 Yellow	55.7	<input type="checkbox"/>
48 Cobalt Blue	9.2	<input type="checkbox"/>
52 Lime	30.4	<input type="checkbox"/>
54 Saffron		<input type="checkbox"/>
109 Sky Blue	13.5	<input type="checkbox"/>
113 Tangerine		<input type="checkbox"/>
<b>Tredsafe®</b>		
601 White	82.7	<input type="checkbox"/>
616 Black	4.8	<input type="checkbox"/>
643 Dolphin Grey	18.2	<input type="checkbox"/>
647 Yellow	46.1	<input type="checkbox"/>
<b>Channel</b>		
81 Matt Silver		<input type="checkbox"/>

### Standard



### Tredsafe®



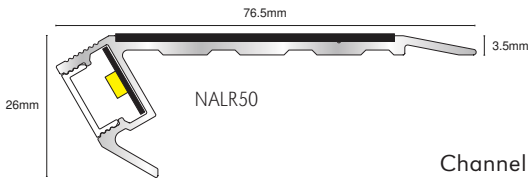
### Lighting System

Vision LED	<input type="checkbox"/>
Vision CCT	<input type="checkbox"/>
RGB LED	<input type="checkbox"/>
FlatLite®	<input type="checkbox"/>

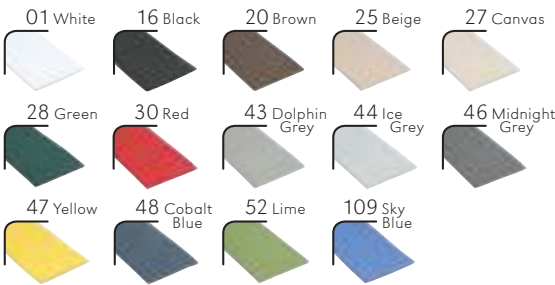


Vision - Light Down

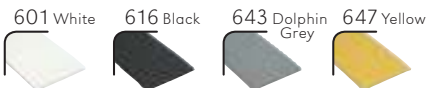
**NEW PRODUCT**



Standard Insert



Tredsafe® Insert



Insert	LRV	SINGLE
<b>Standard</b>		
01 White	79.9	
16 Black	4.5	
20 Brown	9.1	
25 Beige	41.1	
27 Canvas	53.2	
28 Green	6.3	
30 Red	10.6	
43 Dolphin Grey	27.6	
44 Ice Grey	42.1	
46 Midnight Grey	12.8	
47 Yellow	55.7	
48 Cobalt Blue	9.2	
52 Lime	30.4	
109 Sky Blue	13.5	
<b>Tredsafe®</b>		
601 White	82.7	
616 Black	4.8	
643 Dolphin Grey	18.2	
647 Yellow	46.1	
<b>Channel</b>		
81 Matt Silver		

Standard



Tredsafe®

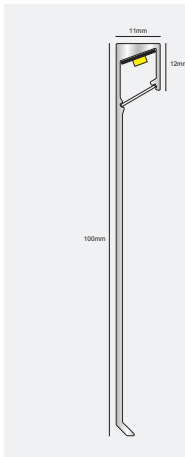


Lighting System

Vision LED	
Vision CCT	
RGB LED	
FlatLite®	



## Vision - Skirting



Code	W x D (mm)	Length (m)	Finish	Description	Box Qty
KLD118	100 x 11	2.8	81,94	Channel	10
<b>End Caps</b>					
NPC100	10		81,94	End Caps (pair)	10

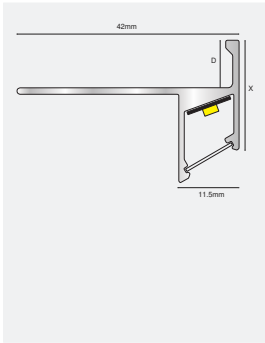
Lighting System	
Vision LED	<input checked="" type="checkbox"/>
Vision CCT	<input checked="" type="checkbox"/>
RGB LED	<input checked="" type="checkbox"/>
FlatLite®	<input type="checkbox"/>





## Vision - Step

**NEW PRODUCT**



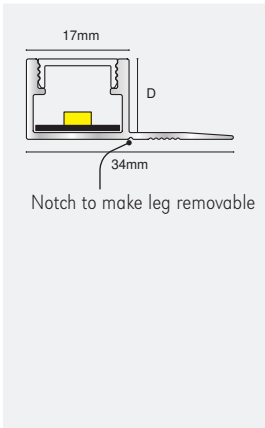
LED & Lighting

Code	D x X (mm)	Length (m)	Finish	Description	Box Qty
NLD908	9 x 20	2.8	81	Channel	10
NLD118	11 x 22	2.8	81	Channel	10
<b>End Caps</b>					
NPC100	10		81	End Caps	10

Lighting System	
Vision LED	<input checked="" type="checkbox"/>
Vision CCT	<input checked="" type="checkbox"/>
RGB LED	<input checked="" type="checkbox"/>
FlatLite®	<input type="checkbox"/>

## Vision - MultiFix

**NEW PRODUCT**

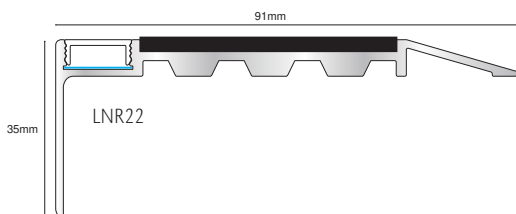


Code	D (mm)	Length (m)	Finish	Description	Box Qty
TLD108	10	2.8	81	Channel	10
TLD128	12	2.8	81	Channel	10
<b>End Caps</b>					
TUC100	10		81	End Caps (pair)	10

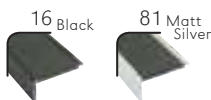
Lighting System	
Vision LED	<input checked="" type="checkbox"/>
Vision CCT	<input checked="" type="checkbox"/>
RGB LED	<input checked="" type="checkbox"/>
FlatLite®	<input checked="" type="checkbox"/>



## Vision - TreadLite

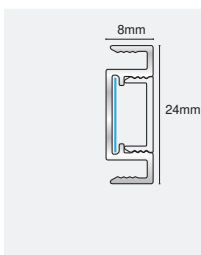


Anodising - Maximum length 3m



Insert	LRV	LNR
<b>Standard</b>		
01 White	79.9	<input type="checkbox"/>
16 Black	4.5	<input checked="" type="checkbox"/>
20 Brown	9.1	<input checked="" type="checkbox"/>
25 Beige	41.1	<input type="checkbox"/>
27 Canvas	53.2	<input type="checkbox"/>
28 Green	6.3	<input checked="" type="checkbox"/>
30 Red	10.6	<input checked="" type="checkbox"/>
43 Dolphin Grey	27.6	<input type="checkbox"/>
44 Ice Grey	42.1	<input type="checkbox"/>
46 Midnight Grey	12.8	<input checked="" type="checkbox"/>
47 Yellow	55.7	<input checked="" type="checkbox"/>
48 Cobalt Blue	9.2	<input checked="" type="checkbox"/>
52 Lime	30.4	<input checked="" type="checkbox"/>
109 Sky Blue	13.5	<input checked="" type="checkbox"/>
<b>Tredsafe®</b>		
601 White	82.7	<input type="checkbox"/>
616 Black	4.8	<input checked="" type="checkbox"/>
643 Dolphin Grey	18.2	<input checked="" type="checkbox"/>
647 Yellow	46.1	<input checked="" type="checkbox"/>
<b>NIA50</b>		
80 Mill Aluminium	78.9	<input type="checkbox"/>
<b>Lighting System</b>		
Vision LED		<input type="checkbox"/>
Vision CCT		<input type="checkbox"/>
RGB LED		<input type="checkbox"/>
FlatLite®		<input checked="" type="checkbox"/>

## Vision - Listello



Code	D (mm)	Length (m)	Finish	Description	Box Qty
LLA250	24 x 8	2.5m	91		10

Lighting System	
Vision LED	<input type="checkbox"/>
Vision CCT	<input type="checkbox"/>
RGB LED	<input type="checkbox"/>
FlatLite®	<input checked="" type="checkbox"/>



## FlatLite®

The premier system offering an innovative continuous low energy Electroluminescent light with varying colour options offering glare free illumination



Code	Description	Box Qty
LFL130.01	Flatlite White 0.28W	mtr
LFL130.109	Flatlite Sky Blue 0.28W	mtr
DSD200	AC Invertor 6W Max 1-20 mtrs	1
DSD400	AC Invertor 12W Max 20-40 mtrs	1
DSD1000	AC Invertor 28W Max 40-100 mtrs	1

### Colour Options



01 White



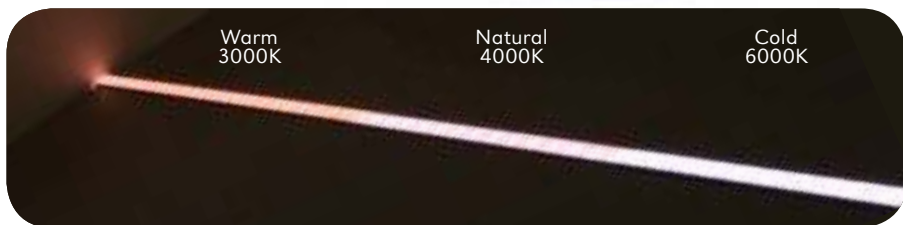
109 Sky Blue

**Please Note:** Smart Driver is needed to power this system  
Full installation instructions available online [www.genesis-gs.com](http://www.genesis-gs.com)



## LED System

Safe and secure with 12V IP65 protection class as standard and premium 4.8W or 9.6W 120 LED's per metre. Available in 4000K, or to achieve the optimal effect, our CCT option offers 3000K, 4000K and 6000K in a single length.



Code	Description	Box Qty
LD12483.NW	4.8W 3MTR LED Natural White	1
LD12963.NW	9.6W 3MTR LED Natural White	1
LD12485.NW	4.8W 5MTR LED Natural White	1
LD12965.NW	9.6W 5MTR LED Natural White	1

Code	Description	Box Qty
LCT12965	9.6W 5MTR CCT Multiple White Warm, Natural & Cold	1

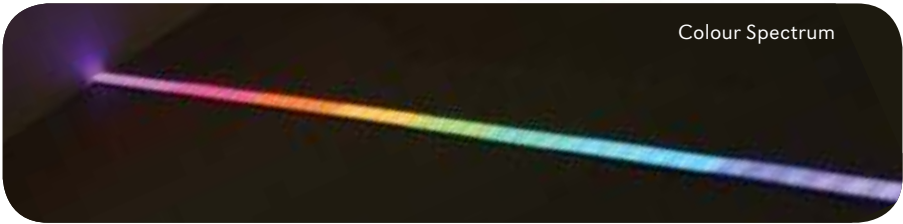
Accessories on Page 43-44





## RGB System

This dynamic system offers a range of mood lighting powered by 12V IP65 protection, the 60 LED per metre powers varying colours with remote colour changing and dimming within a maximum of 4 Zones. RGB is 14.4W per metre and cuttable every 50mm.



Code	Description	Box Qty
LGB12143	14.4W 3MTR RGB	1
LGB12145	14.4W 5MTR RGB	1

Accessories on  
Page 43-44





LED & Lighting

## 12V Drivers (LED) Single White



## CCT / RGB Multiple White & Red, Green, Blue



Code	Description	Box Qty
LDD30	LED DRIVER 30W	1
LDD50	LED DRIVER 50W	1
LDD100	LED DRIVER 100W	1
LDD1103 (110V)	LED DRIVER 30W	1
LDD1105 (110V)	LED DRIVER 50W	1

LED length x wattage = total wattage for driver.  
1x driver and 1x receiver required per independent zone

Code	Description	Box Qty
LUNDR30	CCT RGB DRIVER 30W	1
LUNDR50	CCT RGB DRIVER 50W	1
LUNDR100	CCT RGB DRIVER 100W	1

## Single Zone Options (CCT / RGB Driver Compatible)



Code	Description	Box Qty
LCTRAD	Multiple White - CCT Remote Dimmer and Controller	1

Code	Description	Box Qty
LEDRAD	Single White - LED Remote Dimmer and Controller	1



Code	Description	Box Qty
LGBRAD	RGB - Remote Dimmer and Controller	1



## Multi Zone Options (4 Zones / 3 Scenes)

1x driver and 1x receiver required per independent zone



Code	Description	Box Qty
LEDMZR	Single White - LED Receiver - Max 288W	1
LEDREM	Single White - LED Remote - 30M Range	1

Code	Description	Box Qty
LCTMZR	Multiple White - CCT Receiver - Max 720W	1
LCTREM	Multiple White - CCT Remote - 30M Range	1



Code	Description	Box Qty
LGBMZR	Multiple White & RGB - Receiver - Max 720W	1
LGBREM	Multiple White & RGB - Remote - 30M Range	1

## Universal Options



Code	Description	Box Qty
LDP1204	12V, IP65 0.4W Recess Mounted with Micro connection, total Ø30mm, available 3000, 4000, 6000K. LDD30 Driver required	1



Code	Description	Box Qty
LDWIFI	iPhone / Android compatible with CCT / RGB Receiver and Driver	1



LED & Lighting

## What you need

### 1. Lighting System

### 2. Driver

### 3. Receiver (optional) single zone or multi zone

 <p><b>NATURAL WHITE 4000K</b> (LD12 Page 41)</p>	<p>LED</p>  <p>(LDD Pg 43)</p>	<p>N/A</p>	
 <p><b>NATURAL WHITE 4000K</b> (LD12 Page 41)</p>	<p>CCT RGB</p>  <p>(LUND Pg 43)</p>	 <p>(LEDRAD Pg 43)</p>	<p>or</p>  <p>(LED Pg 44)</p>
 <p><b>COLD WHITE 6000K</b> <b>NATURAL WHITE 4000K</b> <b>WARM WHITE 3000K</b> (LCT12965 Page 41)</p>	<p>CCT RGB</p>  <p>(LUND Pg 43)</p>	 <p>(LCTRAD Pg 43)</p>	<p>or</p>  <p>(LCT Pg 44)</p>
 <p><b>RED</b> <b>GREEN</b> <b>BLUE</b> (LGB121214 Page 42)</p>	<p>CCT RGB</p>  <p>(LUND Pg 43)</p>	 <p>(LGBRAD Pg 43)</p>	<p>or</p>  <p>(LGB Pg 44)</p>

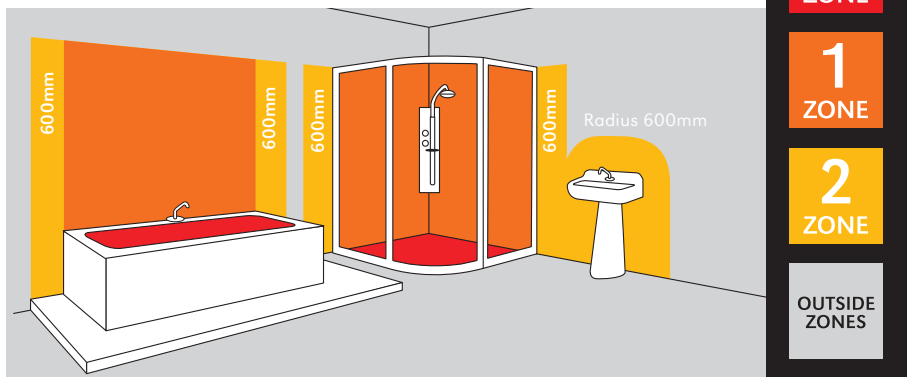
## Zones

Zone 0 is IP67 and above

Zone 1 is IP64 plus

Zone 2 is IP64 plus

The tape should be at least 60cm from water source due to the wires / leads





# Anti-Slip, Matting & Access



Anti-Slip; RezTred® Installation is simple with no grooving necessary and able to take traffic within 90 minutes of application.

Matting; Residual dirt and moisture is removed decreasing the risk of slipping and increasing the life of your floor.

Accessibility; This range of warning and guidance tactile systems offer a self-adhesive and shanked installation. We also offer site installation allowing for your project to comply with building regulations in style and without hassle.



## RezTred®

Genesis are proud to introduce our anti-slip services to the corporate and retail world.

Our patented anti-slip resin finishes can be applied onto virtually any surface including natural stones, terrazzo, ceramics, porcelains, glazed tiles, metal treads, wood and glass.

Our inserts provide a reliable, long lasting, slip-resistant, Equality Act 2010 compliant surface and are suitable for heavy foot traffic.

All products can be retro-fitted as well as factory installed.



01 White



16 Black



47 Yellow





Code	Description	Finish	Box Qty
NRES	Tube of Resin - 400ml	01,16,47	1
NRES252 - STEN	25mm Strip Stencil - 1.2m		1
NRES103 - STEN	10mm Strip Stencil - 1.2m		1
NRES25D - STEN	25mm Disc Stencil - 1.2m		1
NRES - GUN	Applicator Gun		1
NRES - SQUEEGEE	Applicator Squeegee		1
NRES - CLEAN	Cleaner		1
NRES - NOZZ	Replacement Nozzle		1
NRES - GLOVE	Gloves		1



## Case Study

The Shaare Sedek Synagogue in Manchester requested a safer solution to make their stair edges slip resistant as they were currently using caution tape.

Our RezTred® Anti Slip Tread Kit provided the perfect solution and we were able to install it the same day so that it was ready for use by the 6pm service.

We are not limited to straight lines, think outside the box and we can create almost any design you require.



# PATHWAY

## GUIDANCE SYSTEM

The traditional 9mm Ø shank method or 3M adhered versions offer an incredibly versatile system that can provide an instant DDA and Equality Act 2010 compliant tactile surface to any platform edge, stairway or ramp due to their unique installation methods.

Manufactured from Stainless Steel grade 316 or Polyurethane, both of which are highly durable and offer excellent contrasting options to ensure conformity within internal and external applications.

Aluminium, Brass and other design options available, minimum order quantities may apply.



### Stainless Steel Tactile

Crosshatch

Anti-Slip

Circle



### Infill

01 White

16 Black

47 Yellow



### PU Tactile

**NEW PRODUCT**

Groove

Cross

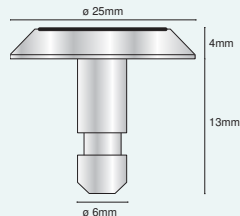


Self Adhesive



**3M**

Shanked





**Stainless Steel Shanked**

Code	Ø (mm)	Description	Finish	Box Qty
FTSSD25	25	Stainless Steel Anti-Slip Tactile	01,16,47	20
FTSCD25	25	Stainless Steel Circle Tactile	84	20
FTCHD25	25	Stainless Steel Crosshatch Tactile	84	20

**Stainless Steel Self Adhesive 3M**

Code	Ø (mm)	Description	Finish	Box Qty
FTSAS25	25	Stainless Steel Anti-Slip Tactile	01,16,47	20
FTSSA25	25	Stainless Steel Circle Tactile	84	20
FTSCA25	25	Stainless Steel Crosshatch Tactile	84	20

**Stainless Steel Corduroy Tactile Trim**

Code	W x L (mm)	Description	Finish	Box Qty
FTCD280	25 x 280	Stainless Steel Anti-Slip Shanked	01,16,47	20
FTCA280	25 x 280	Stainless Steel Anti-Slip Self Adhesive 3M	01,16,47	20

**PU Tactile Shanked**

Code	W x L (mm)	Description	Finish	Box Qty
FTPXD25	25 x 25	PU Groove Tactile 	16	20
FTPHD25	25 x 25	PU Cross Tactile	16	20

**PU Tactile Self Adhesive 3M**

Code	W x L (mm)	Description	Finish	Box Qty
FTPXA25	25 x 25	PU Groove Tactile 	16	20
FTPCA25	25 x 25	PU Cross Tactile	16	20

**PU Corduroy Tactile Self Adhesive 3M**

Code	W x L (mm)	Description	Finish	Box Qty
FTPA280	27 x 295	PU Corduroy Tactile 	16	20



Shanked

Self Adhesive





## TrakMat® Fluted Rubber

16 Black



**TrakMat®**  
ENTRANCE MATTING



Light to Medium Traffic  
<2000/day

Use outside for primary coarse dirt retention.

Aluminium sections linked by semi-rigid P.V.C. to deaden traffic noise and allow rolling up of the mat. Designed for internal and external use.

Code	Height (mm)	Finish	Size
EM8950	12	16	m <sup>2</sup>
EM8951	17	16	m <sup>2</sup>
EM8952	22	16	m <sup>2</sup>

## TrakMat® Loop Pile

Anthracite

Red



Grey

Natural



Light to Medium Traffic  
<2000/day

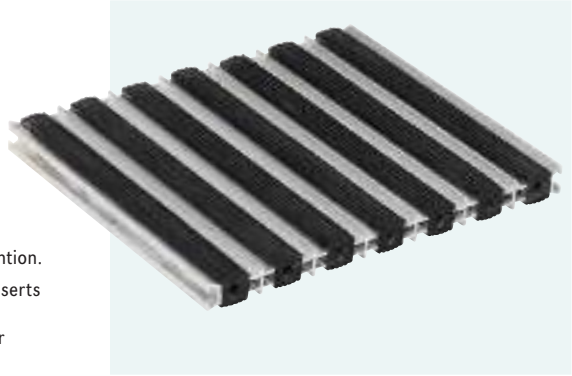
Use inside to clean and absorb residual moisture and dirt.

Code	Height (mm)	Finish	Size
EM8900	12	Anthracite	m <sup>2</sup>
EM8901	12	Grey	m <sup>2</sup>
EM8902	12	Natural	m <sup>2</sup>
EM8903	12	Red	m <sup>2</sup>
EM8910	17	Anthracite	m <sup>2</sup>
EM8911	17	Grey	m <sup>2</sup>
EM8912	17	Natural	m <sup>2</sup>
EM8913	17	Red	m <sup>2</sup>
EM8920	22	Anthracite	m <sup>2</sup>
EM8921	22	Grey	m <sup>2</sup>
EM8922	22	Natural	m <sup>2</sup>
EM8923	22	Red	m <sup>2</sup>



## Reversible Rubber

16 Black



Heavy Traffic  
>2000/day

Use outside for primary coarse dirt retention.

Aluminium sections containing rubber inserts linked with galvanised steel cables and secured with plated fixings. Designed for internal or external use.

Code	Height (mm)	Finish	Size
R8030	18	16	m <sup>2</sup>
R8031	12	16	m <sup>2</sup>

## Reversible Superior insert

Black

Grey



Heavy Traffic  
>2000/day

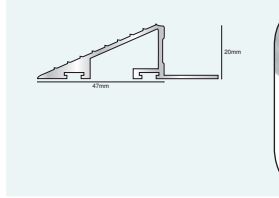
Use inside to clean and absorb residual moisture and dirt.

Reversible inserts are fitted between mill profiles and assembled with galvanised steel rods.

Code	Height (mm)	Finish	Size
R8000	18	Grey	m <sup>2</sup>
R8016	18	Black	m <sup>2</sup>
R8002	12	Grey	m <sup>2</sup>
R8003	12	Black	m <sup>2</sup>



## Bevelled Access Profile Aluminium



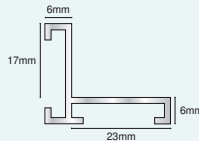
Code	Height (mm)	Length (m)	Finish	Box Qty
R6115	20	3	Silver	1

See also RAA154 Aluminium Access Ramp - Page 62

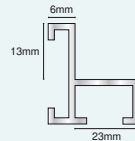
## Accessories



R16104



R6100 / R6101



R6113



Code	Length (m)	Description	Box Qty
R6100	4	Matwell Frame 17-23mm for mats 17 or 23mm deep - Silver	1
R6101	4	Matwell Frame 17-23mm for mats 17 or 23mm deep - Brass	1
R6113	4	Matwell Frame 13mm for mats up to 13mm deep - Silver	1
R16104		Pack of 4 corner angles for frame -Silver	1

Now available...

...Entrance  
Matting  
Samples Folder

Order yours today!





# Transitions

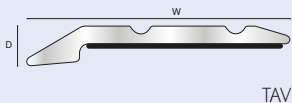
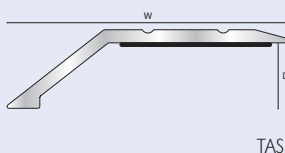
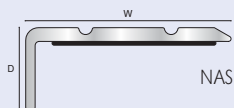
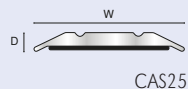
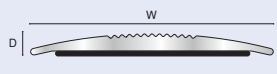
TCR  
Transitions,  
Covers, Ramps



Our range of transition profiles provide an extensive portfolio of both commercial and DIY products – all giving you performance, function and aesthetics. With different colours, designs and materials, our range will complement most floor coverings.



## Self Adhesive



Code	W x D (mm)	Length (m)	Finish	Box Qty
TAS157	50 x 15	2.7	40,81,83	10
TAS159	50 x 15	0.9	40,81,83	10
TAS107	43 x 10	2.7	40,81,83	10
TAS109	43 x 10	0.9	40,81,83	10
CAS407	37 x 3	2.7	40,81,83	10
CAS409	37 x 3	0.9	40,81,83	10
CAS257	25 x 3	2.7	81	10
NAS207	30 x 20	2.7	40,81,83	10
NAS209	30 x 20	0.9	40,81,83	10
NAS107	25 x 10	2.7	40,81,83	10
NAS109	25 x 10	0.9	40,81,83	10
TAV257	30 x 2.5	2.7	81,83	10
TAV259	30 x 2.5	0.9	81,83	10



## Fast Fit Slimline

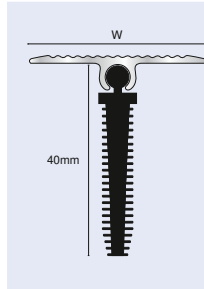
81 Matt Silver



83 Matt Brass

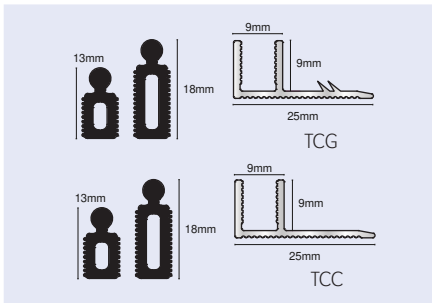


85 Pewter



Perfect finishing for junctions of different floor coverings of same height.

- Covers a gap up to 30mm
- TCS for drill fitting option
- TCG Multiflex for Carpet installation
- TCC Multiflex for all other floor coverings



Code	W (mm)	Length (m)	Finish	Box Qty
TCS409	40	0.92	81,83,85	20
TCS405	40	1.85	81,83,85	20
TCG109	9	0.92	80	20
TCC109	9	0.92	80	20



## Fast Fit Ramp System

Unique Clip System. Allows use with different floor covering material depths. Accommodates height variation up to 20mm.

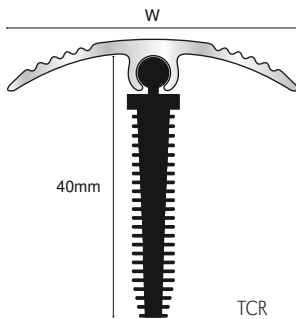
- TCR for drill fitting option
- TCG Multiflex base for carpet installation
- TCC Multiflex base for all other floor coverings
- TTG Multiflex set with gripper base
- TTC Multiflex set with universal base
- All Bases include 5 + 5 clips



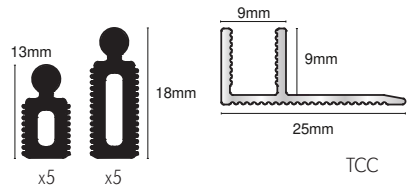
Code	W (mm)	Length (m)	Finish	Box Qty
TCR409	40	0.92	39,40,81,83,85,87,91	20
TCR405	40	1.85	39,40,81,83,85	20
TCG109	9	0.92	80	20
TCC109	9	0.92	80	20
TTG409 <sup>1</sup>	40	0.92	87,91	20
TTC409 <sup>2</sup>	40	0.92	87,91	20

<sup>1</sup>TTG409 (TCR & TCG Combined)

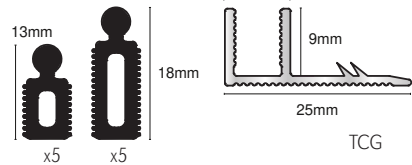
<sup>2</sup>TTC409 (TCR & TCC Combined)



TCR

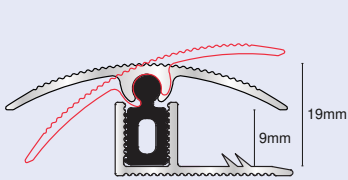


TCC

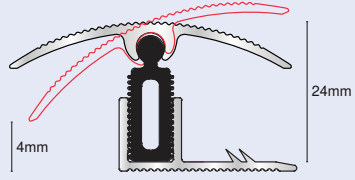


TCG

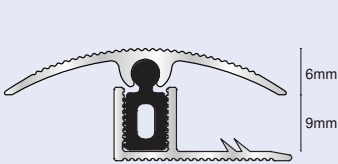




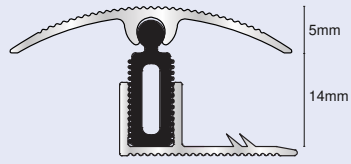
TTG



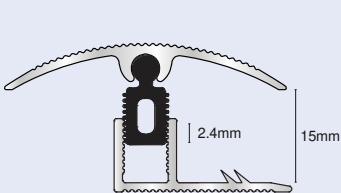
TTG



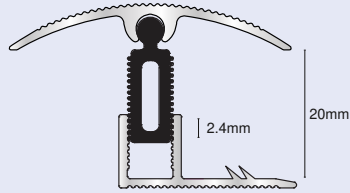
TTG



TTG



TTG



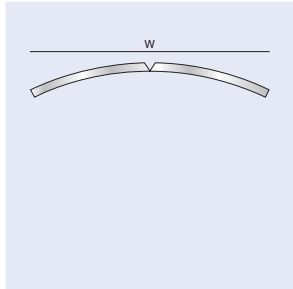
TTG



## Brushed Stainless Cover



Pre-drilled.



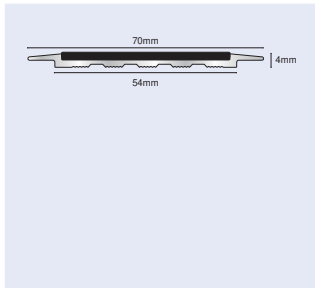
Code	W (mm)	Length (m)	Finish	Box Qty
TSC307	30	2.7	102	40
TSC407	40	2.7	102	40

## Vinyl Tread



Inserts available  
NITR50 & NISL50

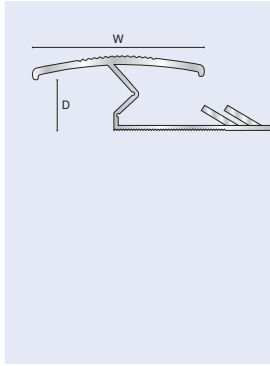
See pages 7-8  
for details



Code	W x D (mm)	Length (m)	Finish	Box Qty
TSL547	70 x 4	2.7	80	10

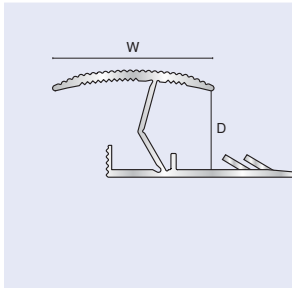


## Aluminium Z-Bar Carpet Lock



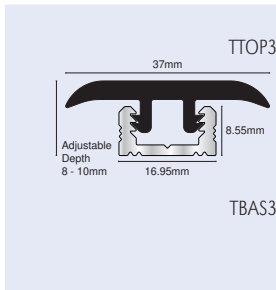
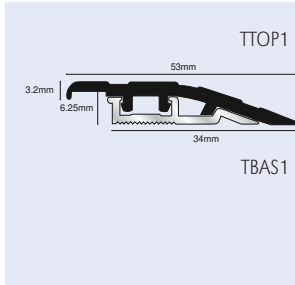
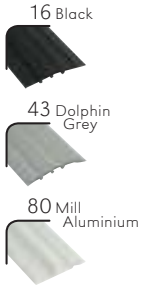
Code	W x D (mm)	Length (m)	Finish	Box Qty
TGA909	30 x 9	0.9	81,83,87,91	45
TGA907	30 x 9	2.7	81,91	15
TGA149	30 x 14	0.9	81,83	45

## Aluminium Z-Bar Pro



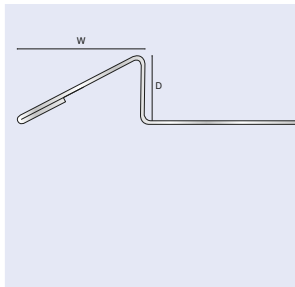
Code	W x D (mm)	Length (m)	Finish	Box Qty
TGS159	30 x 15	0.9	87,91	45

## Clip Tops



Code	W x D (mm)	Length (m)	Finish	Box Qty
TTOP1	53 x 6.25	2.5	16,43	10
TBAS1	34 x 6.25	2.5	80	10
TTOP3	37 x 8 - 10	2.5	16,43	10
TBAS3	17 x 8.55	2.5	80	10

## Stainless Steel Tile-in Ramp

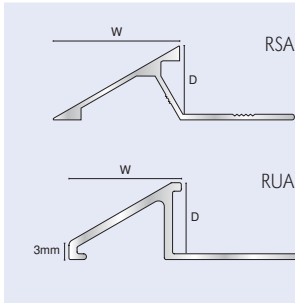


Code	W x D (mm)	Length (m)	Finish	Box Qty
RSS104	20 x 10	2.5	84	10
RSS124	25 x 12.5	2.5	84	10



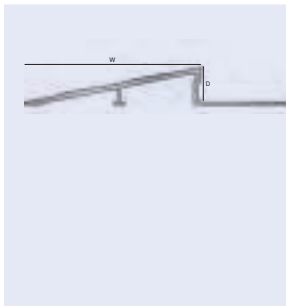


## Tile Aluminium Ramp



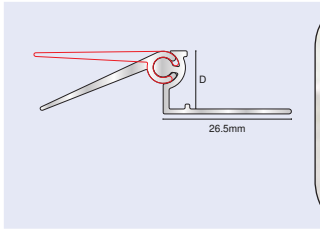
Code	W x D (mm)	Length (m)	Finish	Box Qty
RSA104	20 x 10	2.5	80,81	20
RSA124	23 x 12	2.5	80,81	20
RUA104	16 x 10	2.5	81	20
RUA124	19 x 12	2.5	81	20

## Aluminium Access Ramp



Code	W x D (mm)	Length (m)	Finish	Box Qty
RAA104	65 x 10	2.5	81	5
RAA124	65 x 12.5	2.5	81	5
RAA154	90 x 15	2.5	81	5

## Adjustable Ramp

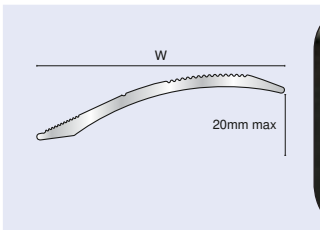


Code	D (mm)	Length (m)	Finish	Box Qty
RAD100	10	2.5	81	10
RAD120	12	2.5	81	10

## Aluminium Retro-Fit Vinyl Reducer



Pre-drilled.



Code	W x D (mm)	Length (m)	Finish	Box Qty
TVA259	40 x 2.5	0.92	81	20
TVA258	40 x 2.5	2.8	81	20

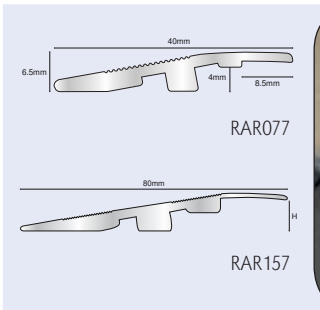
## Aluminium Reducer



RAR077 - for carpet tiles, loose lay PVC tiles etc.

RAR157 - for easy access with pallet trucks, trolleys and wheelchairs.

Pre-drilled.



Code	H (mm)	Length (m)	Finish	Box Qty
RAR077	5 - 7	2.7	81	10
RAR157	10.5 - 15	2.7	81	20



# Movement Joints

MJ  
Movement Joints

The selection of the correct Expansion Joint is determined by area, traffic and the floor covering. Performance and function are paramount when making your selection and our range meets both those requirements. You'll find light, medium and heavy duty expansion joints in this section, classed according to the degree of protection the profile offers the floor covering, the anticipated traffic crossing the floor and any point loading.

## We make movement as easy as 1,2,3...

**1 Material Selection** – the material used to form the joint anchoring legs has no bearing on the movement capacity. Different materials provide added protection to the edge of the floor covering depending on the type and volume of traffic;

**PVC** - Light duty traffic, foot traffic only. Sight line is a consistent colour making it ideal for domestic applications in large rooms or doorways, removable leg for use as a perimeter in rooms greater than 4sqm, waterproof and suitable for swimming pool surrounds and wet areas.

**Aluminium** - Grade 6063 Aluminium provides extra protection to the floor covering and can be used in heavy traffic areas with foot and low point loading wheel traffic, ideal for use in car showrooms and shopping centres.

**Stainless Steel** - Available in Grade 304 and 316, this is the strongest of the materials giving the ultimate protection to the floor covering and ideal for all traffic. Popular with Airports and supermarkets where the wheel traffic has a high point loading and can cause the most impact damage. Grade 316 is recommended in swimming pool surrounds, food prep areas, hospitals and wet areas due to its increased corrosive resistance and strength.



**MLB P.V.C.**  
Movement Joint



**MSA Optimax**  
Aluminium HD



**MSS Optimax**  
Stainless Steel HD



## Don't Get Stressed Get Genesis!



**2 Performance** – the movement accommodation is determined by the width of the joint infill. All Genesis joints conform to the BS5385 recommendations providing minimum 20% movement capacity on PVC with polyurethane exceeding the minimum capacity due to its flexibility.

**3 Positioning** – the following points must be considered when choosing your movement joint:

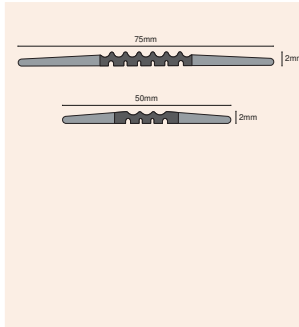
### Key points

- In all applications a movement joint must be used **DIRECTLY** above a joint in the sub-floor, whether this is the same type of subfloor or not. It is often missed domestically on extensions where a new subfloor will be constructed.
- In the instance of commercial applications where there is a structural gap in the subfloor the movement joint must not overhang the gap, if the gap is 10mm and the infill of the movement joint is 6mm then select a different movement joint.
- When tiling continues from room to room it is good practice to use a movement joint in the doorways, especially if the walls are load bearing.

### Considerations

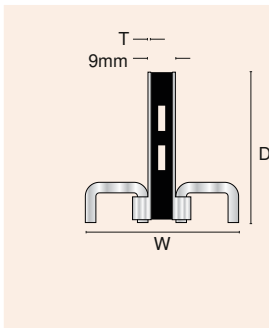
- If there are no joints in the subfloor, start from the wall. If there are joints in the subfloor, start from the location of the joint. Positioning should then be 5-8m apart in any direction and ideally in square/rectangular bays. In domestic applications or corridors this can be extended to 10m.
- A room 4sqm or larger with load bearing walls should have a perimeter joint in place.
- Once a room/project exceeds 20sqm or extends into a second room you should be asking the question about a movement joint!

## P.V.C. Joint Covers



Code	W x D (mm)	Length (m)	Infill Finish	Box Qty
MVP250	50 x 2	15	16,43	10
MVP275	75 x 2	15	16,43	10

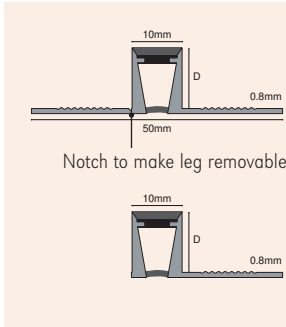
## Compression Joint with Barbs & Anchors



Code	W x D (mm)	T (mm)	Length (m)	Finish	Material	Box Qty
MCA300	12 x 30	1.5	2.5m	16,35	Aluminium	10
MCB300	12 x 30	1.5	2.5m	16,35	Brass	10
MCS300	11 x 30	1	2.5m	16,35	Stainless Steel	10
MCA500	12 x 50	1.5	2.5m	16,35	Aluminium	10
MCB500	12 x 50	1.5	2.5m	16,35	Brass	10
MCS500	11 x 50	1	2.5m	16,35	Stainless Steel	10

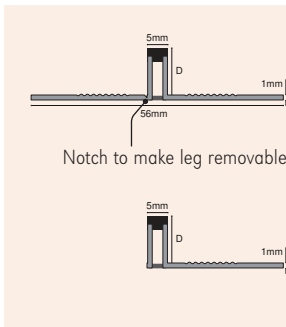


## P.V.C. Movement & Perimeter Joint



Code	D (mm)	Length (m)	Infill Finish	Box Qty
MLB100	10	2.5	16,25,35	25
MLB125	12.5	2.5	16,25,35	25

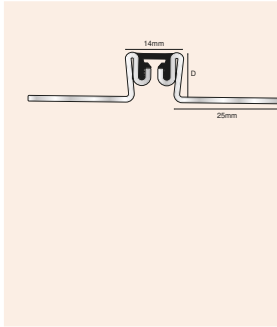
## P.V.C. Movement & Perimeter Joint - Thin



Code	D (mm)	Length (m)	Infill Finish	Box Qty
MLT100	10	2.5	16,25,35	25
MLT125	12.5	2.5	16,25,35	25

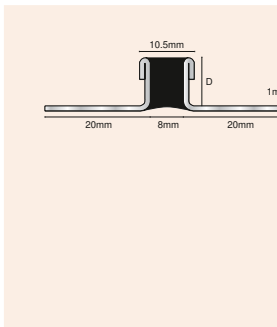


## Optimax Stainless Steel Heavy Duty



Code	D (mm)	Length (m)	Infill Finish	Box Qty
MSS100	10	2.5	16,35	10
MSS125	12.5	2.5	16,35	10

## Stainless Steel Heavy Duty

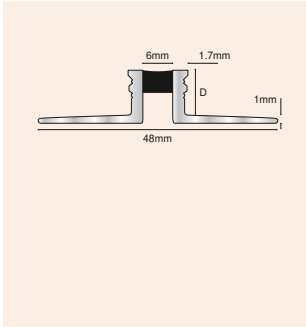


Code	D (mm)	Length (m)	Infill Finish	Box Qty
MHS100	10	2.5	16,25,35	10
MHS120	12	2.5	16,25,35	10
MHS150	15	2.5	16,25,35	10
MHS225	22.5	2.5	16,25,35	10



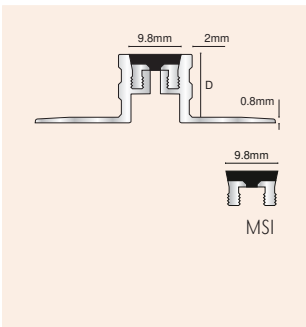


## Aluminium Intermediate Joint



Code	D (mm)	Length (m)	Infill Finish	Box Qty
MMA100	10	2.5	16,35	10
MMA120	12	2.5	16,35	10

## Optimax Aluminium Heavy Duty



Code	D (mm)	Length (m)	Infill Finish	Box Qty
MSA080	8	2.5	16,25,35	10
MSA100	10	2.5	16,25,35	10
MSA125	12	2.5	16,25,35	10
MSA150	15	2.5	16,25,35	10
MSA180	18	2.5	16,25,35	10
MSA225	22.5	2.5	16,25,35	10

### Optimax Aluminium Heavy Duty Replaceable Infill

Code	D (mm)	Length (m)	Finish	Box Qty
MSI100	9.8	2.5	16,25,35	20



## Gatwick Airport - MHS

### Project Specifications

Product Specified: MHS225.35

Colour Specified: Dark Grey

Sector: Transport



### Project Description

When the Gatwick consortium began to renovate the South terminal of Gatwick Airport they needed to ensure that the new floors were protected against the movement of all the daily traffic that they endure. Genesis were able to provide a solution; working with the main contractors, architects and installation contractors a cost effective Stainless Steel Movement Joint was selected from the Genesis range as the perfect fit. The renovation has been part of a (circa) £850million investment to see the replacement of floors and ceilings and enhance the experience travellers receive; The Genesis Movement Joint meets and exceeds all standards of Movement Joints and will save the floors from cracking long into the future.

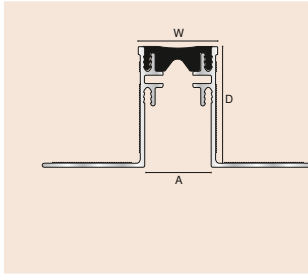
# Structural Joints



Structural Joints are designed to relieve or absorb anticipated movement between structural elements, which are generally caused by thermal expansion/contraction, settlement, load transfer, dead loads and at times even seismic activity.

The product will be subject to lateral, vertical and shear movement. Therefore, before selecting the most appropriate movement jointing system, it is important that the movement criteria of the joint is known and advised by a structural engineer to ensure that the proposed system accommodates all the predicted types of movement.

## Heavy Duty Aluminium - 30mm



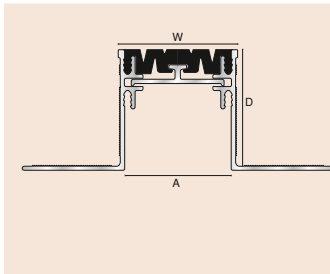
### Smooth

Code	W (mm)	D (mm)	A (mm)	Length (m)	Finishes	Lateral Movement (mm)
GFSR3023	36	23	30	3	16,35	8 (± 4)
GFSR3030	36	30	30	3	16,35	8 (± 4)
GFSR3050	36	50	30	3	16,35	8 (± 4)
GFSR3070	36	70	30	3	16,35	8 (± 4)

### Grooved

Code	W (mm)	D (mm)	A (mm)	Length (m)	Finishes	Lateral Movement (mm)
GFSR3023	36	23	30	3	16,35	10 (± 5)
GFSR3030	36	30	30	3	16,35	10 (± 5)
GFSR3050	36	50	30	3	16,35	10 (± 5)
GFSR3070	36	70	30	3	16,35	10 (± 5)

## Heavy Duty Aluminium - 50mm



### Smooth

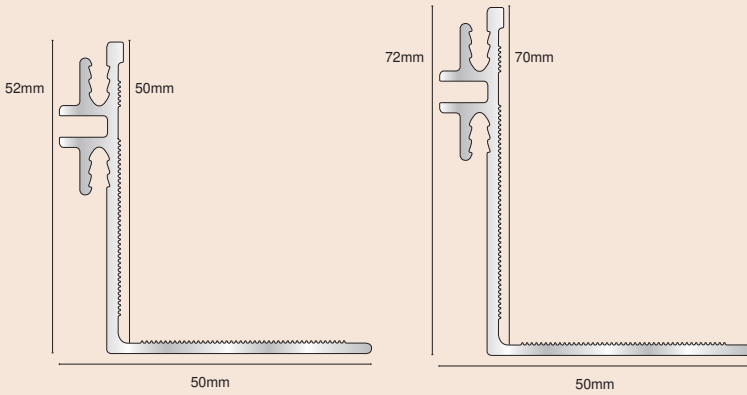
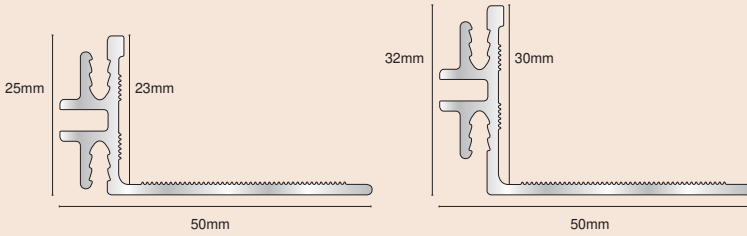
Code	W (mm)	D (mm)	A (mm)	Length (m)	Finishes	Lateral Movement (mm)
GFSR5023	56	23	50	3	16,35	12 (± 6)
GFSR5030	56	30	50	3	16,35	12 (± 6)
GFSR5050	56	50	50	3	16,35	12 (± 6)
GFSR5070	56	70	50	3	16,35	12 (± 6)

### Grooved

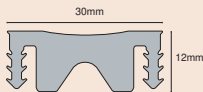
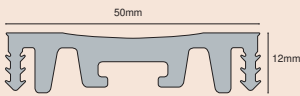
Code	W (mm)	D (mm)	A (mm)	Length (m)	Finishes	Lateral Movement (mm)
GFSR5023	56	23	50	3	16,35	14 (± 7)
GFSR5030	56	30	50	3	16,35	14 (± 7)
GFSR5050	56	50	50	3	16,35	14 (± 7)
GFSR5070	56	70	50	3	16,35	14 (± 8)



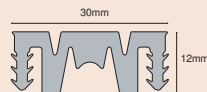
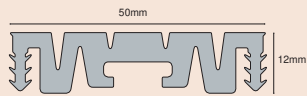
## Heavy Duty Aluminium Size and Insert Options



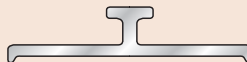
Insert - Smooth



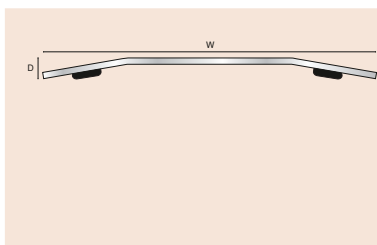
Insert - Grooved



Central Support

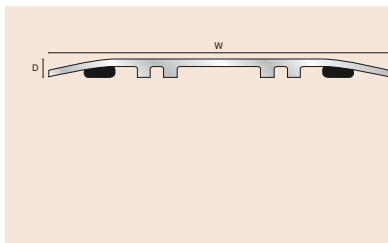


## Stainless Steel Covers, Self Adhesive



Code	W x D (mm)	Length (m)	Finish	Side Drill	Box Qty
GC2796	60 x 5	2.5	102	On request	10
GC2797	80 x 5	2.5	102	On request	10
GC2798	100 x 5	2.5	102	On request	10

## Aluminium Covers, Self Adhesive



Code	W x D (mm)	Length (m)	Finish	Side Drill	Box Qty
GC2806	60 x 4	3	81	On request	10
GC2820	80 x 4	3	81	On request	10
GC2814	100 x 3	3	81	On request	10

# P.V.C. Trim

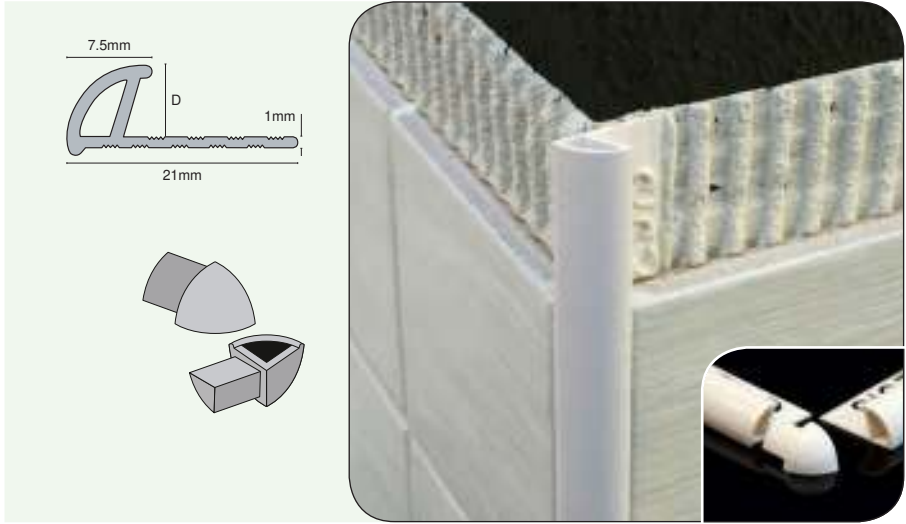


Genesis P.V.C. Trims are individually designed for a variety of finishing functions, and in various depths and finishes.

They are manufactured to the highest standards from top quality virgin, lead free P.V.C.u. and with internal and external corners they are finished professionally, providing a long lasting protective finish to any ceramic installation.



## Trim Regular & Corners



Code	D (mm)	Length (m)	Finish	Box Qty
ETR608	6	2.5	01,11,16,32,34,111	100
ETR708	7	2.5	01	100
ETR808	8	2.5	01,09,10,11,12,13,14,16,20,25,26,32,34,62,63,64,70,72,111,116	100
ETR108	10	2.5	01,09,10,11,12,13,14,16,20,24,25,26,32,34,62,64,70,72,81,91,111	60
ETR128	12	2.5	01,10,11,14,16,25,32,34,64,70,111	60

### Corner Pieces

Code	D (mm)	Finish	Pack Qty
PDM603	6	01,10,11,14,16,25,32,34	100
PDP604	6	01,34	4 Blister Pack
PDL803	8	01,10,11,14,16,25,32,34	100
PDP804	8	01,34	4 Blister Pack
PDX103	10	01,10,11,14,16,25,32,34	100
PDP104	10	01,34	4 Blister Pack
PDX123	12	01,10,11,14,16,25,32,34	100
PDP124	12	01,34	4 Blister Pack

