

STEP GLOW®

A Step ahead





STEP-GLOW®

Visual guidance products offer the the most advanced photoluminescent technology available today.

Bright & Long Lasting, STEP-GLOW® is over 80% brighter than ASTM standards and durable enough to carry a 10 year guarantee. Use STEP-GLOW for safe illuminated indoor and outdoor environments

Reduce slips and falls with recycled light

NO STEP-GLOW - Lights on

STEP-GLOW - Lights off

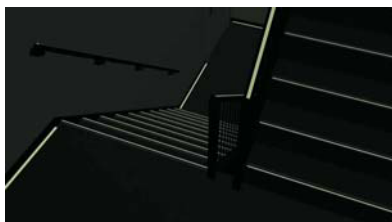
STEP-GLOW - Lights on



Photoluminescent step edge, path finding, handrail and exit sign products for both indoor and out door applications

STEP-GLOW Strengths

High quality anti-slip material
High quality photoluminescence
Baked in process
Step edge contrast
Recycles natural or artificial light
UV resistance
Internationally accredited testing
Green Attributes



BENEFITS

Reduces slips and falls
Visible for hours in dark conditions
hardwearing, no repainting
Reduces falls in light or dark conditions
Decrease electricity usage, increased sustainability
Inside or outdoor use
Specify with confidence
Non-toxic, non-radioactive, made with recycled aluminum & long life

- ≡ 2009 IFC Exit Lighting, January 2009
- ≡ 2009 IBC Section 1027, January 2009
- ≡ NFPA 101 and 5000, January 2009
- ≡ California, Chapter 10, January 2008
- ≡ Connecticut, Section 1026, January 2008
- ≡ New York City Code, July 2008
- ≡ ICC Acc169 (US Stadia, arenas & theaters)
- ≡ GSA for all Buildings, January 2009
- ≡ British & ISO Standards for PL Brightness
- ≡ Tokyo Fire Department
- ≡ Fire & Disaster Management Agency (Japan)
- ≡ Building Code of Australia
- ≡ New Zealand Building Code



Reduce slips and falls with recycled light

- step edge contrast
- slip-resistance
- visibility in all light conditions
- resistance to wear



ROUGH

The hard wearing silicon carbide non-slip material is just what you need to reduce slips and falls in all weather conditions. Your patrons will commend you, not complain to you.

With their UV resistance and good looks, you can confidently install Step-Glow products inside and out.

TOUGH

Our patented process bakes in the photoluminescent powder and non-slip material and you get to savor the results. Thousands of people can walk on these products thousands of times with no wear and tear. And just to make sure, we've put them through extensive testing at internationally accredited laboratories relating to durability, weather resistance, UV resistance, stain resistance, abrasion and cleaning. And they passed with flying colors.

SEEN

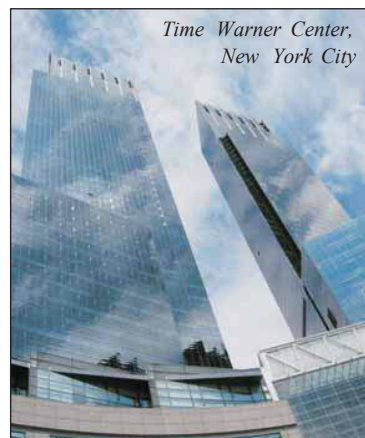
Unlike electrical or battery lighting, Step-Glow products will never let you down. They will glow brightly in the dark for many hours giving your patrons confidence in exiting, even in an emergency. Some steps are just too hard to see, whether it be day or night. With Step-Glow, you can be sure your patrons will see the steps, not fall down them, whatever the light conditions. It's the combination of the photoluminescent-strip and the non-slip material that creates such great step edge definition.

GREEN

Every small step you take to reduce electricity usage helps save our environment. Step-Glow products let you recycle natural sunlight or artificial light into visual nighttime guidance systems without the need for electricity. Step-Glow also goes green by using recycled aluminium. All products are non-toxic and non-radioactive. Designed to last the life of your facility, Step-Glow avoids maintenance costs. Ultimately, Step-Glow is recyclable which avoids the cost of landfill dumping.

FEATURES

- Visible glow-in-the-dark stripe
- Safely identifies steps during power failure
- Non-toxic/Non-radioactive
- Meets OSHA requirements
- Rechargeable from any light source
- Easy to clean
- Long-wearing, mineral abrasive tread
- Green Attributes



Reduce slips and falls with recycled light

The Step-Glow Photoluminescent (PL) range of products provide significant benefit during low light conditions and emergency blackout situations. With a proven track record in reducing slips and falls Step-Glow products provide improved health and safety with additional benefits in any smoke hazard situation. Used for way-marking, step nosings and signage, the products are UV stable and highly durable, lasting for many years. The products are easily installed and have minimal maintenance costs.

Comparative Advantage

STEP-GLOW

Luminance

Step-Glow products are manufactured using a patented process that is only used by Step-Glow. This tightly controlled application embeds the photoluminescent particles in a clear durable polymer.

The physical nature of the dry powder embedding process and the optical properties of the polymer ensure maximum efficiency of the photoluminescent particles to absorb useful wavelengths from a natural or artificial light source. This light the re-emits from the product towards a viewers eye.

Step-Glow products use a custom produced photoluminescent pigment which has greater longevity of glow than all the other pigments (over 100) which Step-Glow has sampled since 2001.

Step-Glow uses dry powder for maximum luminance.

Visibility

All Step-Glow products are engineered to provide greater visibility than relevant codes and standards currently require. Photoluminescent visibility is affected by more than just brightness ('Luminance'); the other factor is contrast against adjacent surfaces.

Contrast against adjacent surfaces is the critical parameter for visibility on a step edge. Step-Glow step-edge products incorporate a black anti-slip strip that provides excellent luminance contrast and color contrast to the PL strip, so the step edge is clearly defined in all lighting conditions: dark conditions, light conditions and twilight or dim conditions.

This means the Step-Glow products are visible from a greater distance and for a longer time after the lights go out. Step-Glow incorporates a black anti-slip strip for maximum visibility and edge contrast.

NON-STEP-GLOW

A widely used alternative manufacturing process uses liquid formulations that carry the photoluminescent particles.

Liquid formulations can suffer from settling out of the dense photoluminescent particles resulting in inconsistent luminance properties.

Reduce slips and falls with recycled light

STEP-GLOW

Durability of Photoluminescence

The Step-Glow range has been subjected to accelerated UV/weathering exposure, and proven to be highly resistant to the effects of UV/weathering.

Testing has been extended from the usual 1000 hour or 2000 hour test, out to 6000 hours, which can be interpreted to be similar to around 30 years of outdoor exposure.

At 6000 hours exposure, while there is noticeable loss of gloss of the top surface, the loss in PL brightness is less than can be detected by the human eye (measured reduction of 5-8%). The unique ridges in the photoluminescent strips protect the glowing areas from most abrasive wear, and other incidental abuse.

Step-Glow uses its patented process for maximum durability. Using powder means the polymer we use is "long chain" which forms a strong UV resistant product when bonding.

Installed Durability

The manufacture of all Step-Glow products involves the integral bonding of the photoluminescent layer to a rigid aluminium substrate, so there is no chance of delamination or peeling. Rigid products spread any applied loads over a greater area of installation adhesive.

Step-Glow signage uniquely incorporates an integrally bonded anti-graffiti protective top coat over the print, which also protects the print from abrasive wear. Because this top layer bonds into the substrate, there is no chance of delamination or peeling.

Step-Glow bonds onto rigid aluminium and applies a protective top coat for greater installed durability. Slip Resistance The unique ridges in the Step-Glow photoluminescent strips and the integrated anti-slip contrast strips provide all-weather slip resistance.

Step-Glow combines ridges and anti-slip contrast strips for slip resistance.

NON-STEP-GLOW

PVC based products have reduced durability, may turn brown during weathering exposure after a short time.

Flexible base products, such as PVC, are more prone to coming loose because the installation adhesive is more highly stressed.

For outdoor use, protective film which is not integrally bonded is only as good as the quality of the adhesive.

Smooth surface PL products do not provide slip resistance.

The product range includes:

- | | |
|-------------------------------|------------------------------------|
| • Way marking guidance strips | • Signage (inc. tactile & Braille) |
| • Handrail guidance strips | • Seat and aisle identification |
| • Floor marker discs | • Step edge definition trim |
| • Hazard strips | • Step nosings |

Reduce slips and falls with recycled light

A luminance level of 5 millicandelas per m² (mcd/m²) after 90 minutes of darkness is considered adequately visible for photoluminescent emergency lighting in the following international codes and standards. Step-Glow products EXCEED ALL these requirements.

New York City Reference Standard RS6-1 Photoluminescent exit path markings This reference standard was promulgated in May 2005, and is referenced into the New York City building code by New York City Local Law 26 of 2004.

This law requires high-rise office buildings in New York City to have photoluminescent way-finding markings in all exit pathways. This is supplementary to existing emergency lighting requirements, and applies to all buildings, old and new. RS6-1 defines the size and location of the markings and signage, as well as their performance requirements. Markings are required on all step edges, and as perimeter markings of the exit pathways, stairwell landings, and exit doors. Exit signs are also required. New buildings require handrail markings. Performance requirements include a minimum luminance at ninety minutes of 5 mcd/m² after charging at 2 f/c for 120 mins in fluorescent light. Conforms to tests for flammability, toxicity, radioactivity, washability, and (optionally) UV stability.

ICC International Building Code and International Fire Code New code has been added to Chapter 10, Means of Egress, in the 2009 International Building Code and International Fire Code. The International Building Code is used at local or state level in 47 states of the USA plus Washington, DC, and is in the process of being adopted by two additional states. The new code requires photoluminescent exit path markings in new non-residential buildings of 75 ft height or more. Photoluminescent markings are required on all step edges and handrails, and as perimeter markings of the exit pathways, including stairwell landings. For performance requirements the code prescribes compliance with either

- UL 1994, Luminous Egress Path Marking Systems, 2005, or
- ASTM E2072-04 Standard Specification for Photoluminescent Safety Markings (subject to modified charging source requirements)

UL 1994 Luminous Egress Path Marking Systems UL 1994 is a standard that provides requirements for floor proximity and other egress path marking and lighting systems that provide a visual delineation of the path of egress. These systems are also used to identify significant egress path features such as doors, stair banisters, obstacles or information placards. Such systems are intended for installation and use as required by building and fire safety codes such as the Life Safety Code, NFPA 101; the Building Construction and Safety Code, NFPA 5000, and the International Building Code sponsored by the International Code Council. UL 1994 requires each system element to be recognizable from a distance of 25 feet, and also requires all elements that may be applied to a floor or step to meet UL 410 Slip Resistance of Floor Surface Materials, and to be tested for the effects of cleaning.

ASTM E2072, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings. This standard requires that photoluminescent markings be tested for photoluminescent brightness (luminance) following charging for 2 hours at 21.6 lux from a Fluorescent lamp having a color temperature between 4000K and 4500K. The required luminance properties are:

- After 10 minutes, minimum luminance 20 mcd/m²
- After 60 minutes, minimum luminance 2.8 mcd/m²

Reduce slips and falls with recycled light

Fluorescent charging of Step-Glow S10 Material (20 lux, 4000K) In A Poorly Lit Area	
Activation Time	Hours of Visibility*
5 minutes	0.5 hours
10 minutes	1 hours
20 minutes	2.25 hours
30 minutes	3 hours

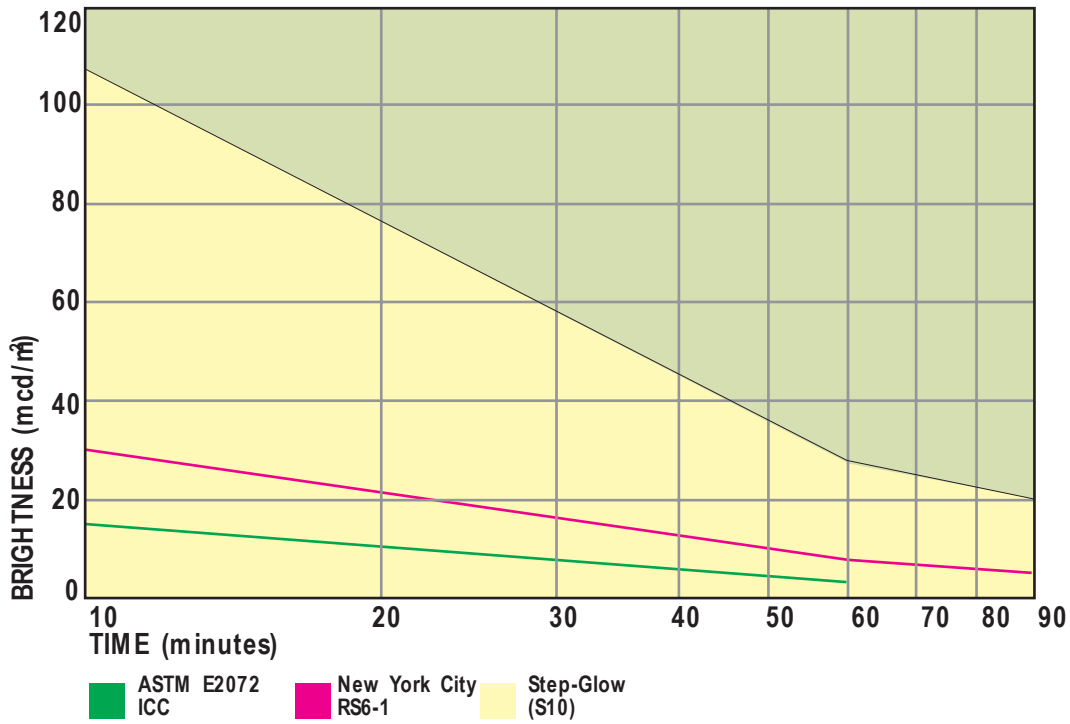
* A luminance level of 5 millicandelas is defined as visible when tested in accordance with UL1994

Fluorescent charging of Step-Glow S10 Material (150 lux, 4000K) In A Reasonably Lit Area	
Activation Time	Hours of Visibility*
5 minutes	2.5 hours
10 minutes	4 hours
20 minutes	6 hours
30 minutes	7 hours

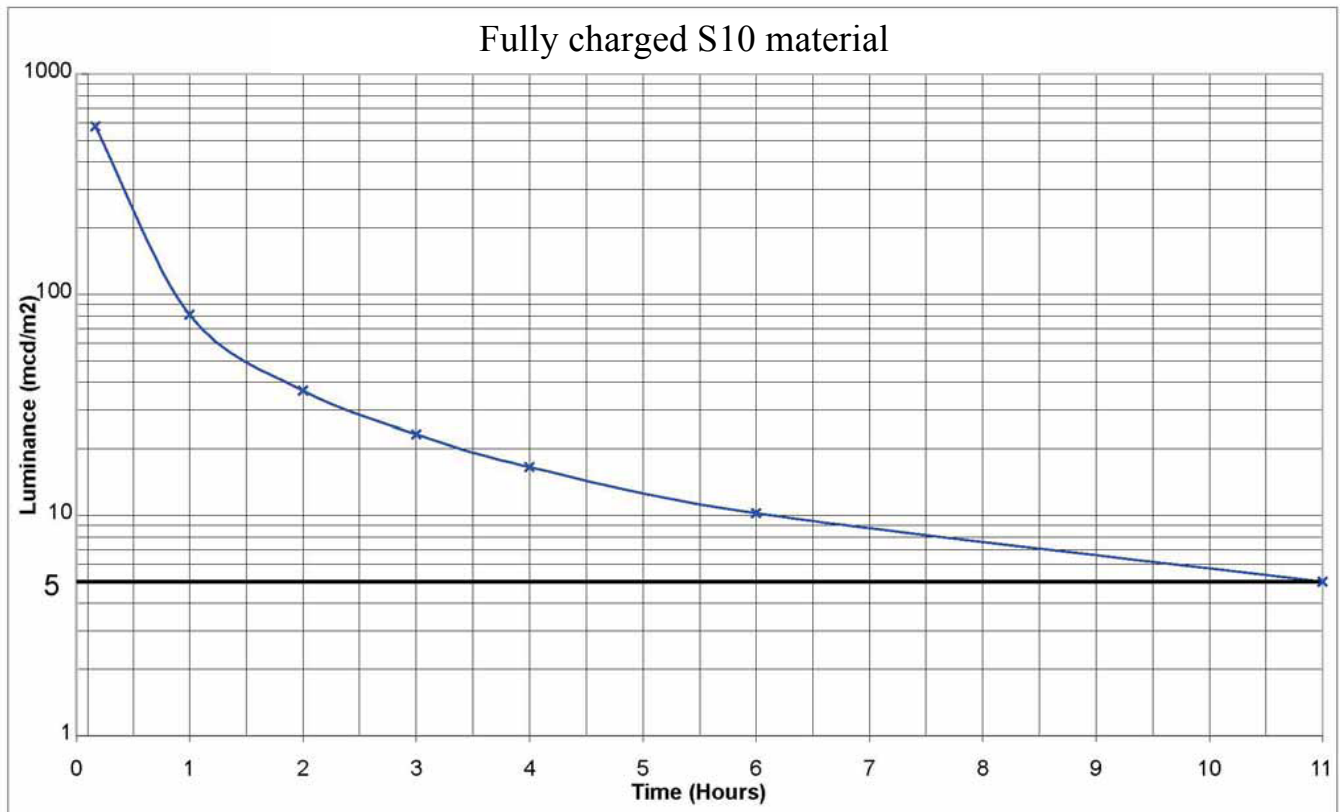
* A luminance level of 5 millicandelas is defined as visible when tested in accordance with UL1994

Fluorescent charging of Step-Glow S10 Material (300 lux, 4000K) In A Well Lit Area	
Activation Time	Hours of Visibility*
5 minutes	4 hours
10 minutes	6 hours
20 minutes	7 hours
30 minutes	8 hours

* A luminance level of 5 millicandelas is defined as visible when tested in accordance with UL1994



Step-Glow Brightness Decay Chart



Reduce slips and falls with recycled light

Charging

Photoluminescent material must receive some light in order to re-emit that light. In most situations 15 -30 minutes of light (depending on the light source) will be sufficient to charge photoluminescent material so that it will remain visible for four hours. Immediately after the charging light has stopped, the luminance (brightness) can be very high (over 2000 mcd/m² if the charging light is bright). Luminance rapidly decreases over the next 10-20 minutes, however visibility is still adequate at 5mcd for emergency egress. It takes 11 hours for fully charged Step-Glow material to reduce to 5mcDs (see Brightness Decay Graph). If very low light levels exist Step-Glow will be able to advise of the duration of lighting required to charge the strips (see Typical Charging Tables on pg 6)

Eye Adaptation

There are two main types of detector cells in the retina; cone and rod cells. For approximately the first 5-15 minutes under dark conditions the cone system of detector cells, which operate in bright light, continues to operate. However after this time the rod system of detector cells takes over as it is far more sensitive to light. The detective threshold of cone cells is 1mcd/m², whereas the detective threshold for rod cells is only 0.001mcd/m². Visibility is affected by an individual's ability to see in the dark. In particular older people see significantly less in the dark or indim light than younger people. It takes approximately 20-30 minutes to fully adapt from bright sunlight to complete darkness. The speed of adaptation is faster than the rate at which the brightness of photoluminescent material reduces. This can lead to the photoluminescent material appearing to get brighter initially

Photoluminescence

The process of photoluminescence allows certain substances to emit a steady luminescent glow after they have absorbed various kinds of energy. Photoluminescence involves the absorption of energy - normally light. This causes the electrons of the atoms of the absorbing material to become excited and jump from the inner orbits of the atoms to the outer orbits. The electrons then fall back to their original state causing photons of light to be emitted. Step-Glow uses Strontium Aluminate crystals embedded in a clear, durable polymer. These crystals continue to glow for many hours until exhausting the energy they have absorbed, but they can be recharged repeatedly by re-exposure to light. The luminescent ability will not noticeably deteriorate over time. Step-Glow photoluminescent material is made from strontium aluminate crystals. When exposed to light energy (either natural or artificial) the crystals become excited and undergo a conversion process which enable them to re-emit the energy received as light in the form of a yellow/green glow. The light source can then be cut off and the excitation will continue for many hours. Photoluminescent material can be simply recharged by re-exposing to light.

(Brightness decay graph on page 9)

Visibility

Visibility of photoluminescent material is measured by millicandelas/m² (mcDs). From international code requirements (NYC and ICC) it is widely accepted that at 5mcDs photoluminescent material is visible. It takes many hours for Step-Glow photoluminescent material to reduce to 5mcDs.

Note that if photoluminescent step edging is used as the only light source for indoor theatre aisles Step-Glow will engineer a solution to provide sufficient visibility as the 5mcd emergency requirements are not relevant.

Benefits and Technical Details

Step-Glow products meet or exceed the performance criteria specified in the following tests or standards:

1. High Visibility in Dark or Light conditions.

Brightness:

ASTM E2073-02, Standard Test Method for Photopic Luminance of Photoluminescent (Phosphorescent) Markings.

DIN 67510 Part 1, Phosphorescent Pigments and Products: Measurement and identification by the manufacturer.

ISO 17398:2004 Clause 7.11, Safety Colors and Safety Signs- Classification, Performance and Durability of Safety Signs.

2. High Durability Indoors and Outdoors.

UV Stability: ASTM G155-04 Cycle 1 2000hrs, Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Nonmetallic Materials.

Salt Spray Resistance: ASTM B117-97 500hrs, Standard Practice for Operating Salt Spray (Fog) Apparatus.

Freeze-Thaw Resistance: ASTM C1026-87(1996), Standard Test Method for Measuring the Resistance of Ceramic Tile to Freeze-Thaw Cycling.

3. Reduces Slips.

Slip Resistance: UL410, Standard for Slip Resistance for Floor Surface Materials.

AS/NZS 4586-1999, Slip Resistance Classification of New Pedestrian Surface Materials.

AS/NZ 4586 - 2004, Slip resistance classification of new pedestrian surface materials - Appendix D (oil-wet ramp test).

4. Hard Wearing.

Abrasion Resistance:

ASTM D1242-95a, Standard Test Methods for Resistance of Plastic Materials to Abrasion.

ASTM B 244-97, Test Methods for Measurement of Anodic Coatings on Aluminum and other Nonconductive Coatings on Nonmagnetic Basis Metals with Eddy-Current Instruments.

ASTM B137-95(2000), Test Method for Measurement of Coating Mass per Unit Area of Anodically Coated Aluminum.

ASTM F510-93(2004), Standard Test Method for Resistance to Abrasion of Resilient Floor Coverings Using an Abrader with a Grit Feed Method.

JIS H8682-1:1999, Test Methods for Aabrasion Resistance of Anodic Oxide Coatings on Aluminium and Aluminium Alloys- Wheel Wear Test.

5. Easy Cleaning.

Washability:

ASTM D4828-94(2003), Standard Test Methods for Practical Washability of Organic Coatings.

ASTM B136-84(1998), Standard Test Method for Measurement of Stain Resistance of Anodic Coatings on Aluminum.

6. No Radioactivity or Toxicity

Radioactivity: ASTM D3648-2004, Standard Practices for the Measurement of Radioactivity.

Toxicity: Bombardier SMP 800-C (2000), Toxic Gas Generation Test.

7. Does not burn.

Flammability:

ASTM E162-02, Standard Test Method for Surface Flammability of Materials Using a Radiant Heat Energy Source.

ASTM D635-03, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Plastics in a Horizontal Position.

FAAAC 23.2 Paragraph 4.b, Horizontal Burn Test.

Cleaning

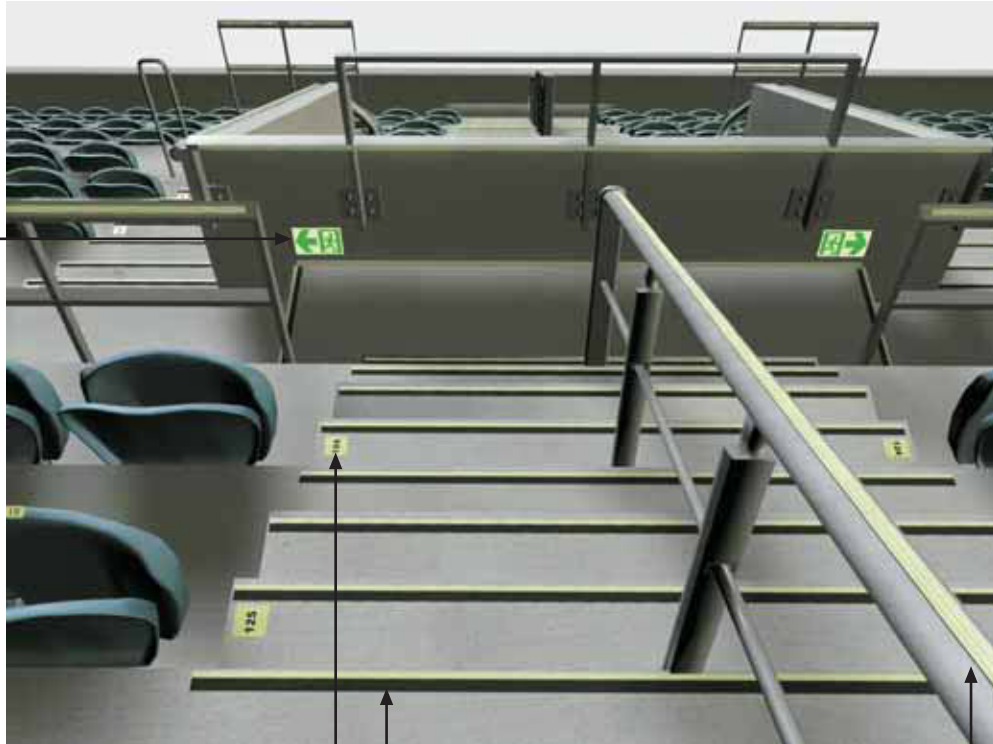
Regular cleaning to remove built up dirt and objects on the strips will ensure Step-Glow will continue performing to expectation. Notethat the photoluminescence will continue performing even after UV exposure or exposure to moisture. The only reason for degradation in the performance of the photoluminescence is a lack of correct cleaning.

1. Vacuuming or brushing with a stiff bristle head (wet or dry) is often enough to keep the strips clean. The glowing strip can also be wiped clean with a wet or dry sponge or cloth. Observation will determine if cleaning is required, however a regular cleaning every 4 to 6 weeks or after particularly heavy use should ensure correct performance.
2. High-pressure water (but not steam cleaning) can also be used to clean the strips.
3. Do not use highly alkaline or acidic cleaning agents. The pH of the cleaning agents should be between pH 5 and pH 12. If cleaning agents are applied at more than pH 10, the strips should be rinsed with pH neutral (pH 6 to pH 8) solution afterwards.

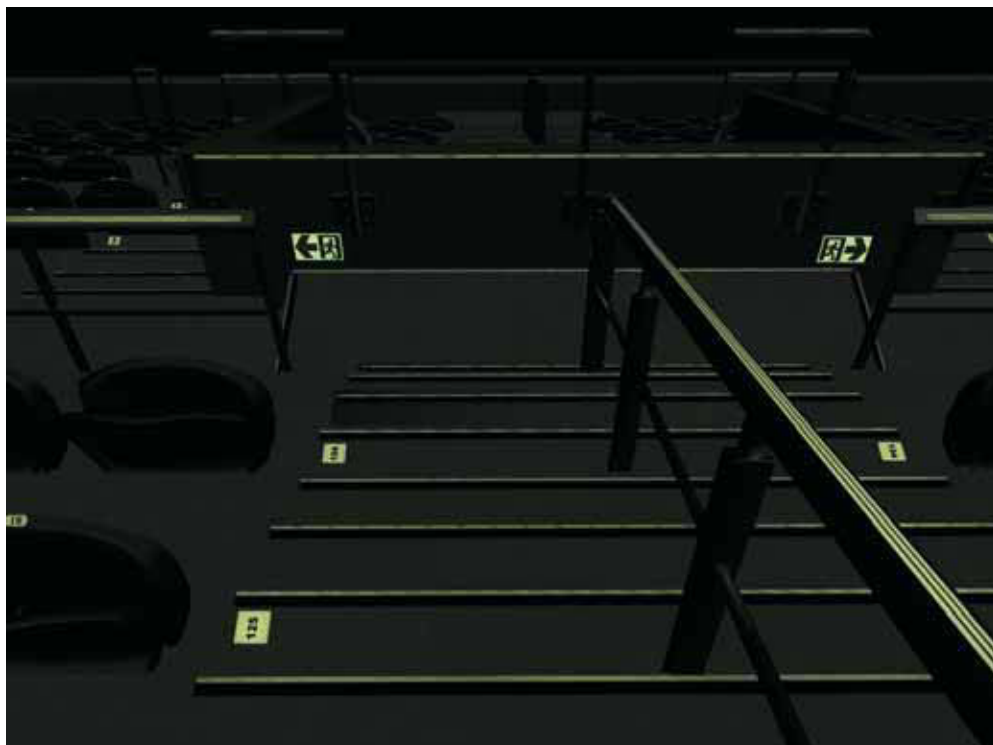
Maintenance

Step-Glow products should be checked annually to ensure the following:

- All products are still in place as at installation and there is no material damage to any of these products
- All products are clean from general dust build up and any other specific obscuring deposits such as gum or tar
- All products are clearly visible and have not been covered by carpet or other materials
- All products mark a clear path and have not been obstructed by physical hazards such as trolleys, machinery etc
- All products can be used to provide clear escape path marking and there has been no change to the configuration of the building which renders them unusable
- All light required to charge Step-Glow products is operating as designed at installation



- Directional Markers
- Step Edging
- Handrail Strips
- Aisle Markers



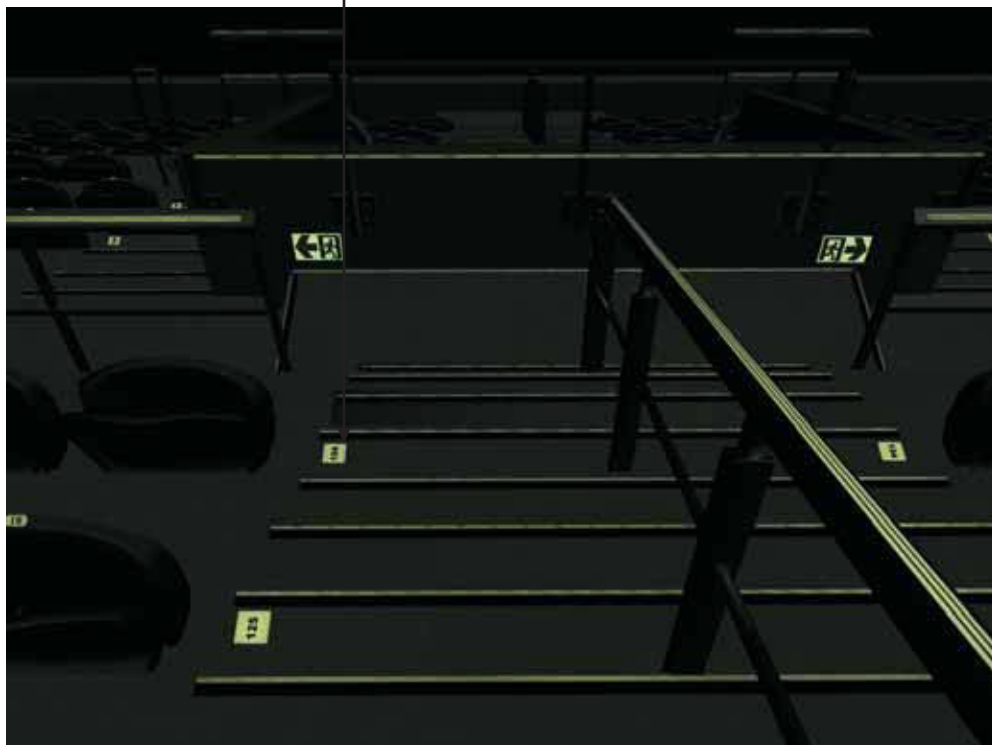


Step Edging ●

Handrail Strips ●

Seat Numbers ●

Aisle Markers ●





Demarcation Strip ●

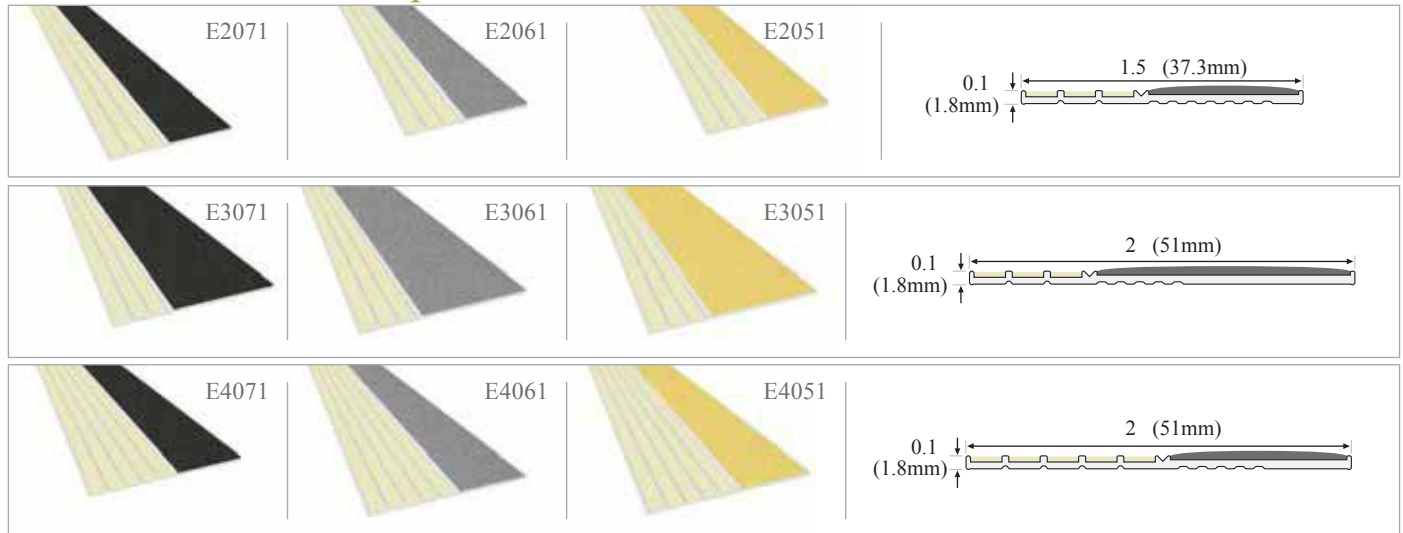
Step Edging ●

Handrail Strips ●

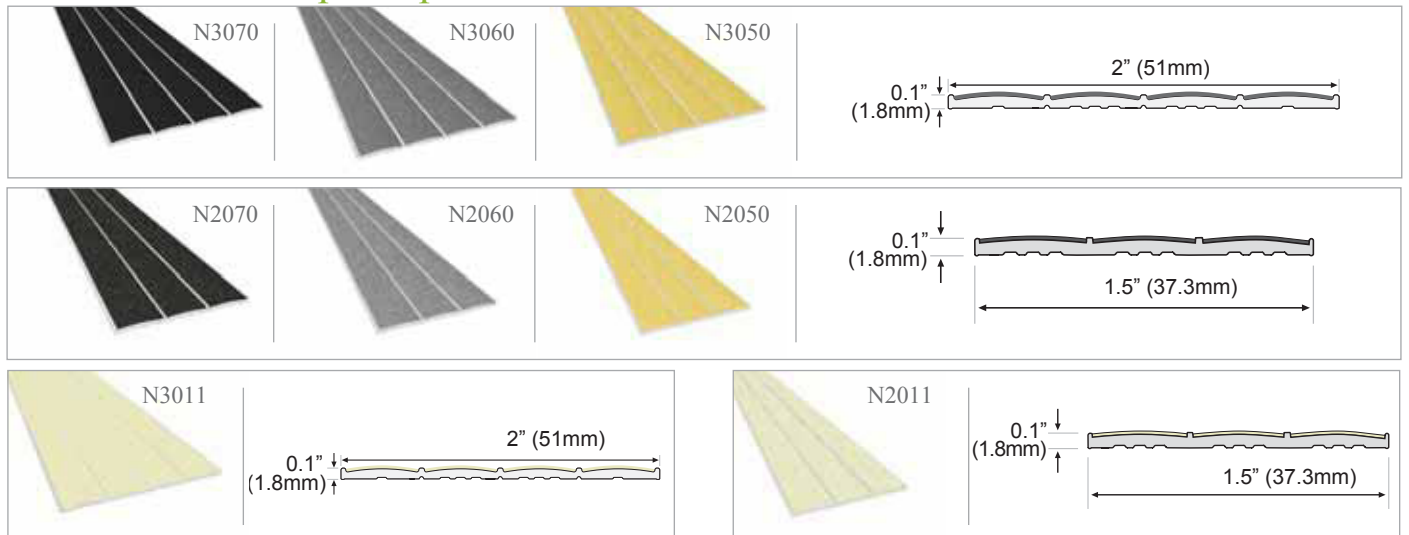
Exit Sign (Above door) ●



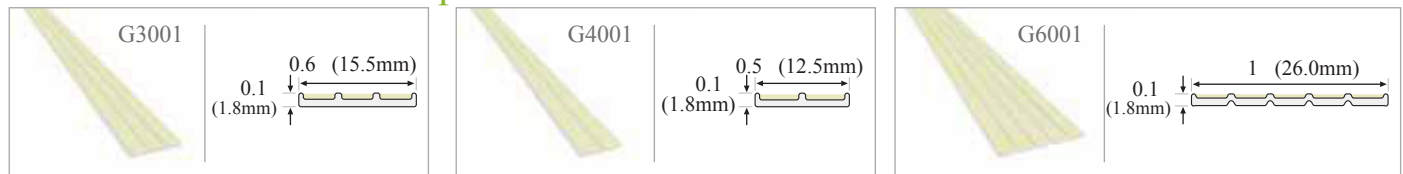
E Series Contrast Strips



N Series Non-Slip Strips



G Series Guidance Strips



H Series Handrail Strips

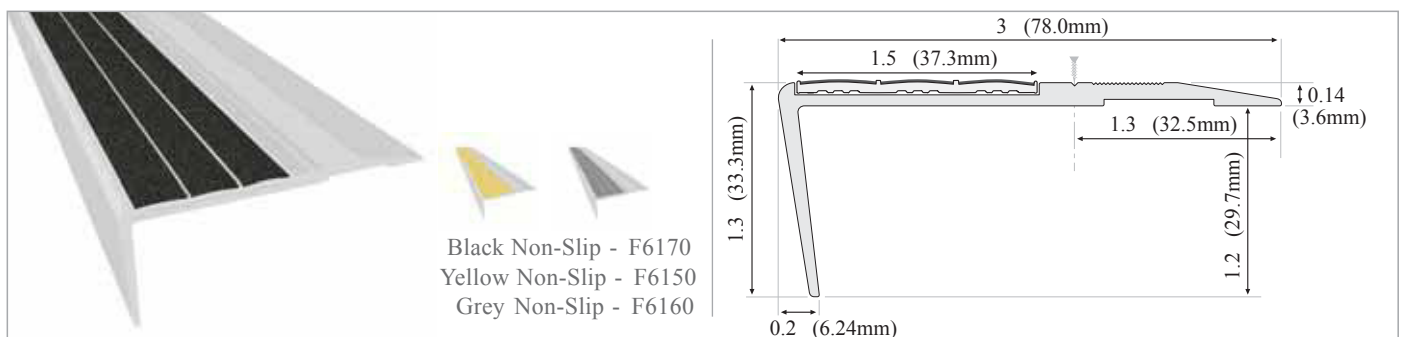
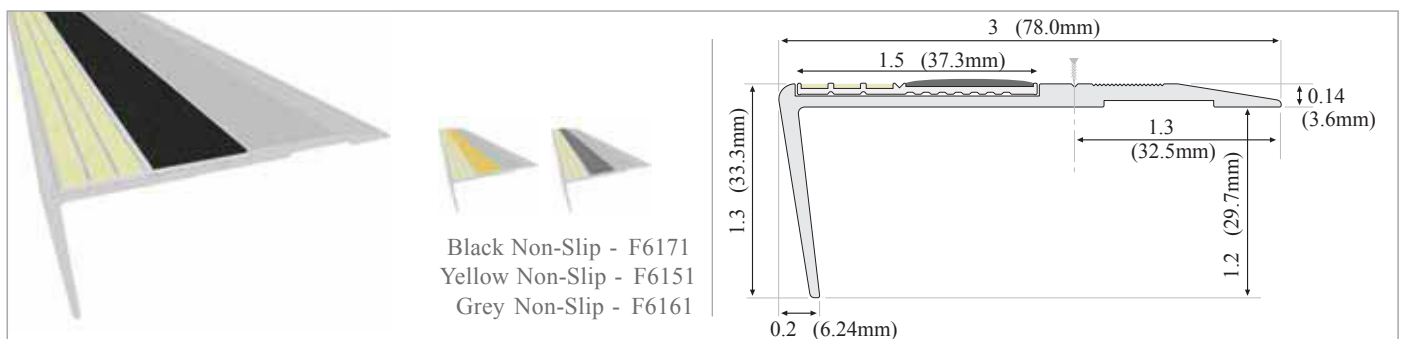
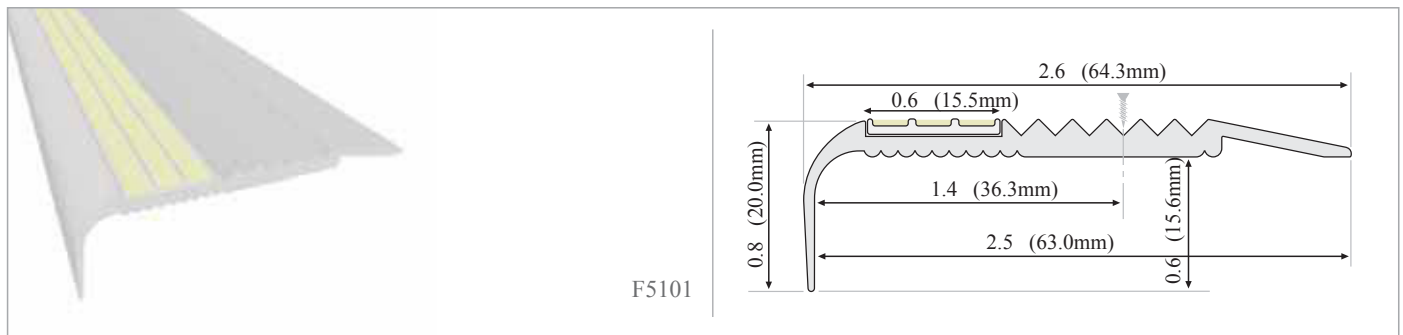
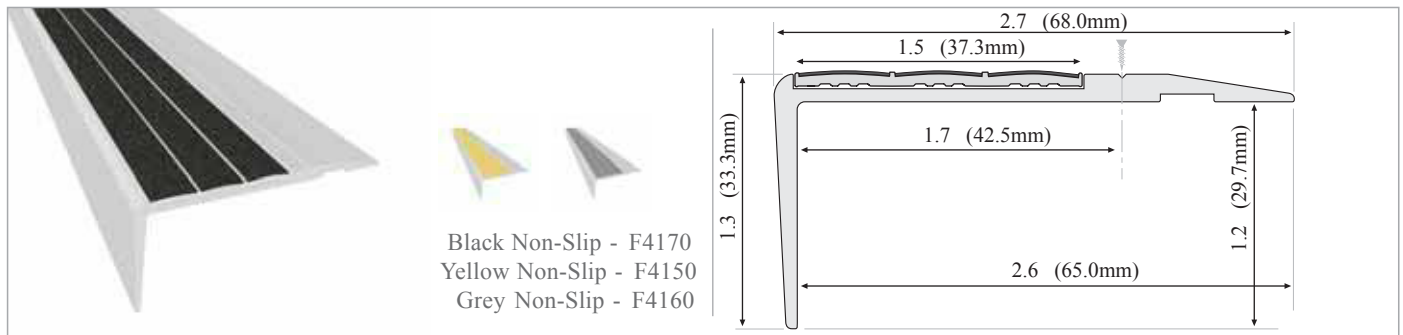
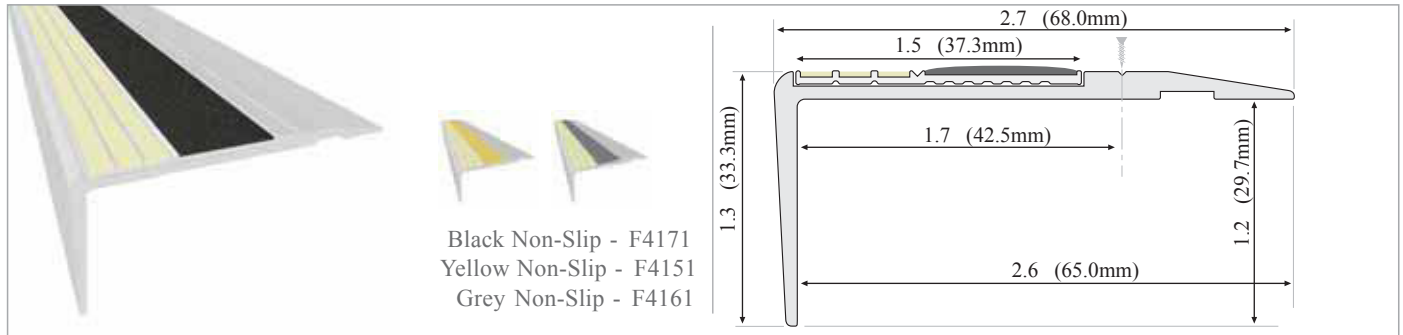


Handrail End Caps



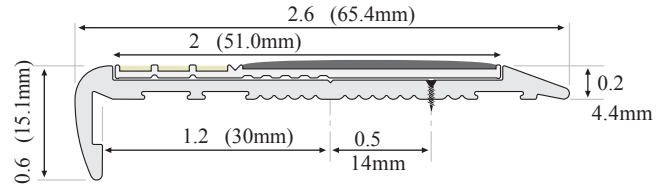
F Series Flat Stair Nosing

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Anodizing Available as a Special Order

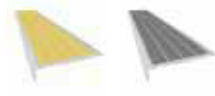
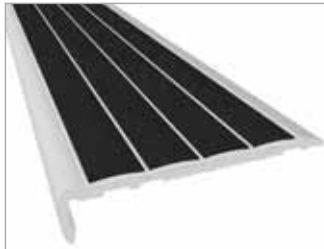
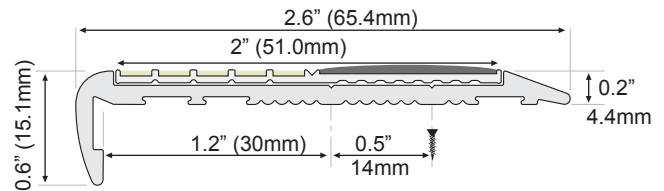




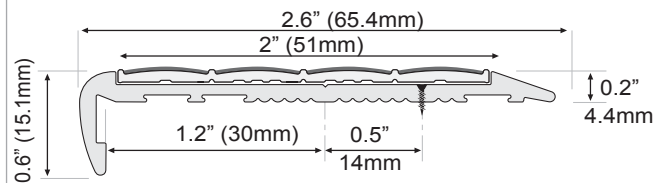
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Yellow Non-Slip - F7151
Grey Non-Slip - F7161



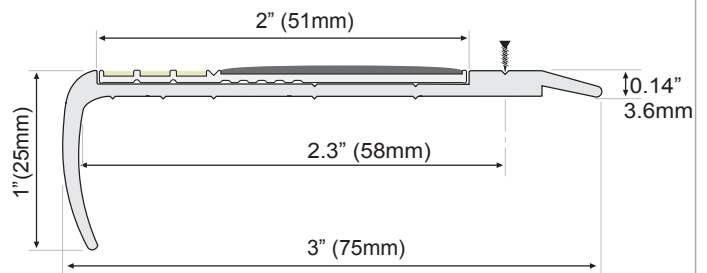
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Yellow Non-Slip - FA7151
Grey Non-Slip - FA7161



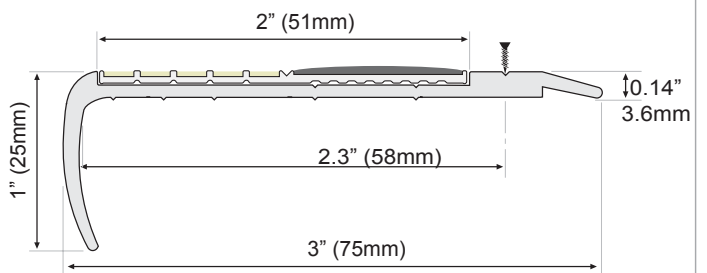
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Yellow Non-Slip - F7150
Grey Non-Slip - F7160



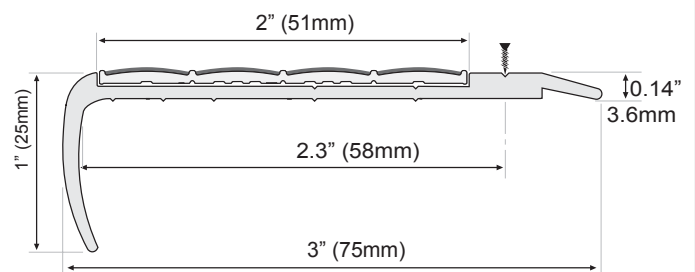
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Grey Non-Slip - F8161

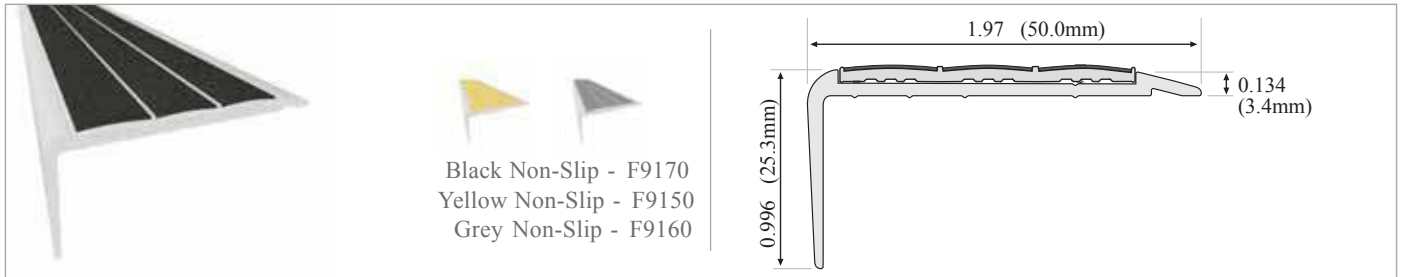
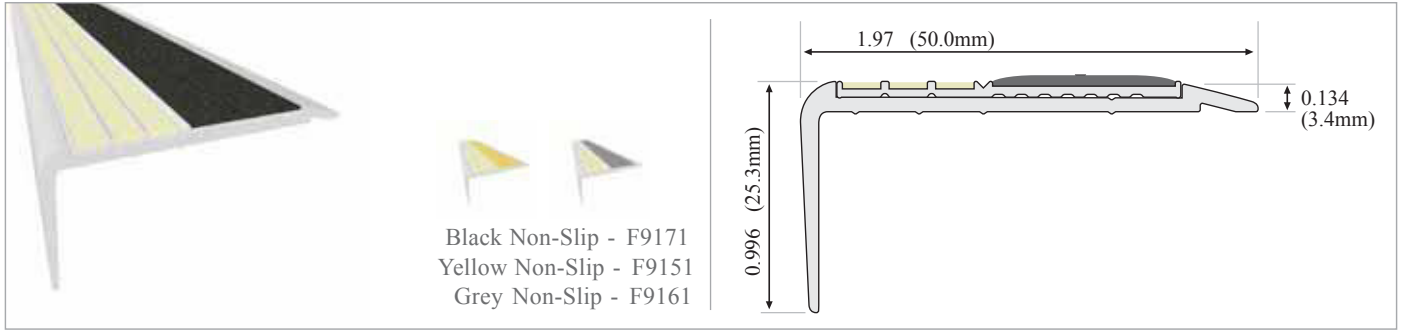


Black Non-Slip - FA8171
Yellow Non-Slip - FA8151
Grey Non-Slip - FA8161



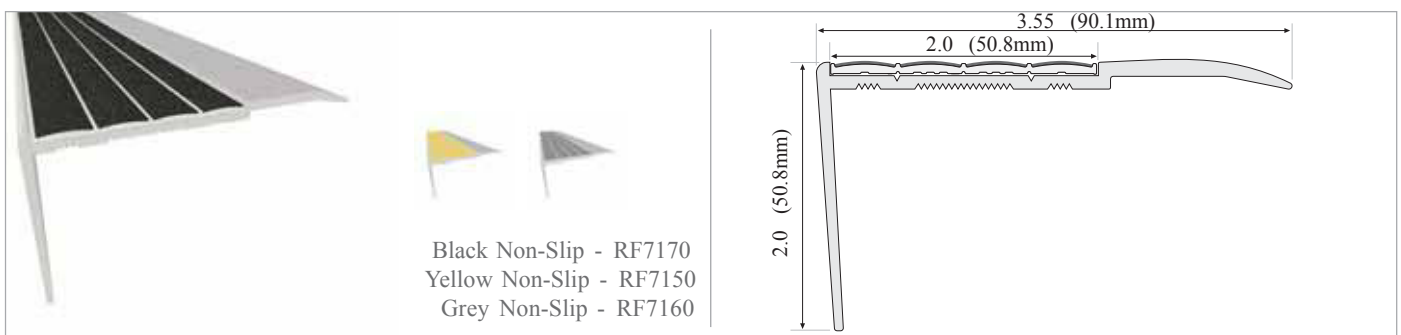
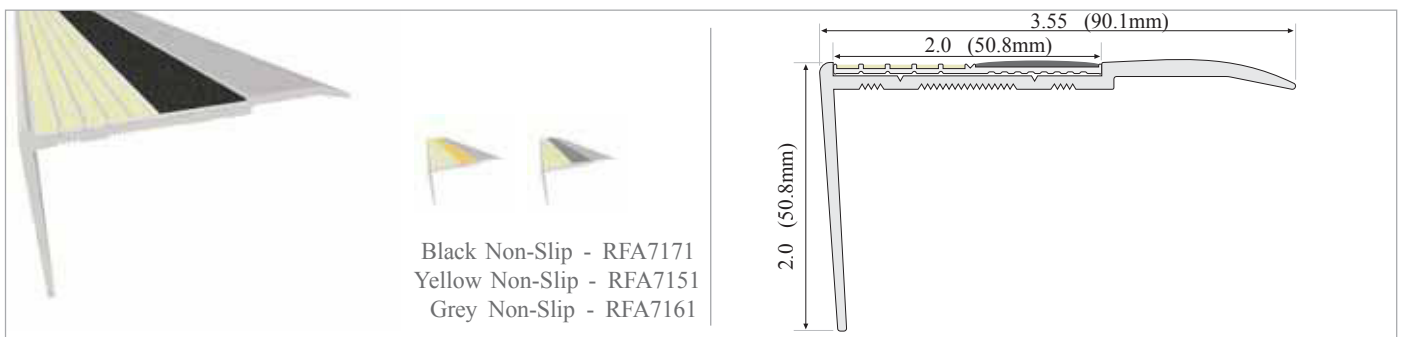
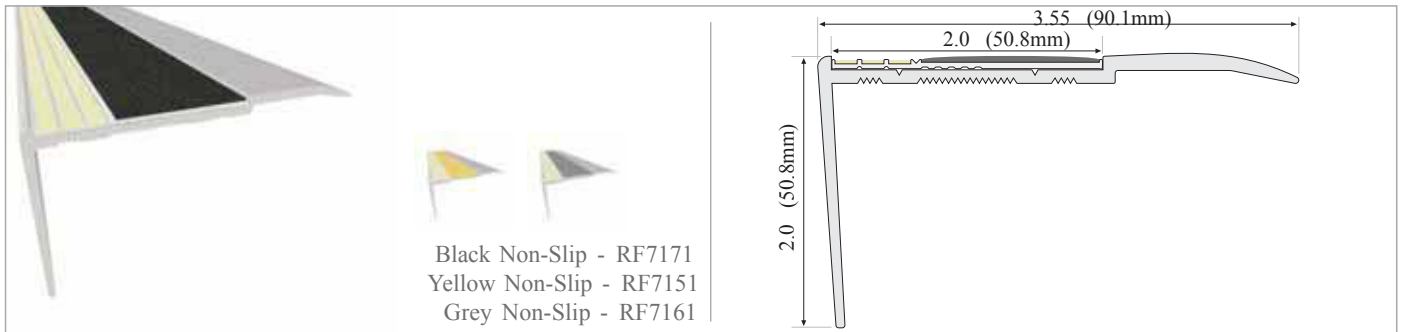
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Grey Non-Slip - F8160





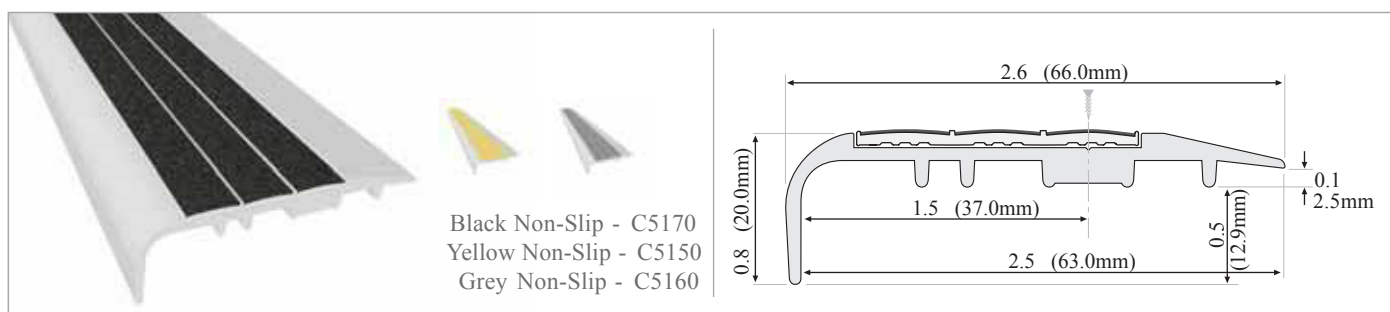
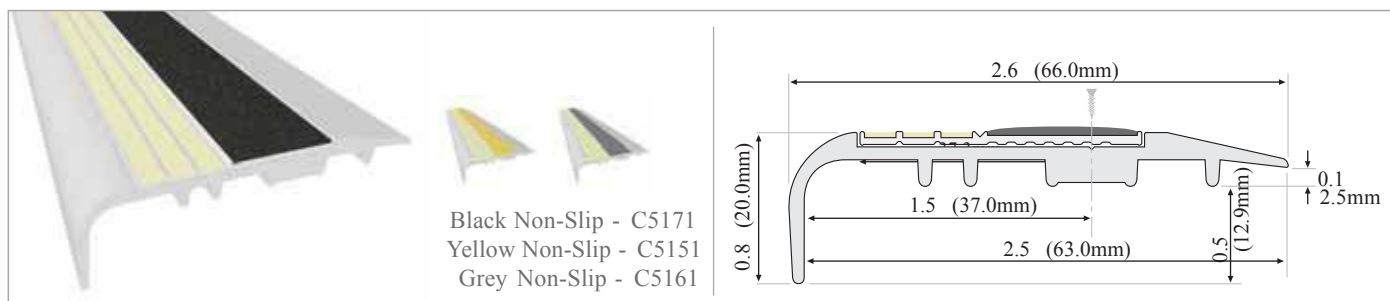
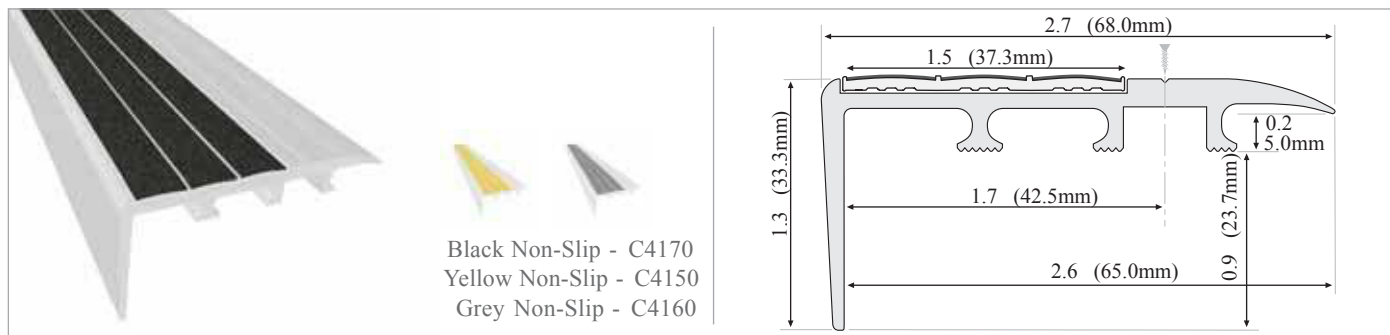
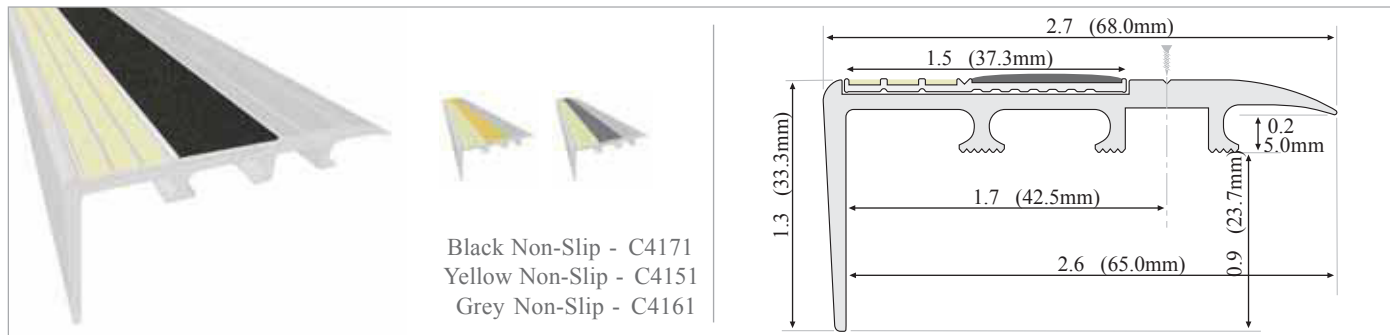
RF Series Flat Stair Nosings

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Andoizing Available as a Special Order



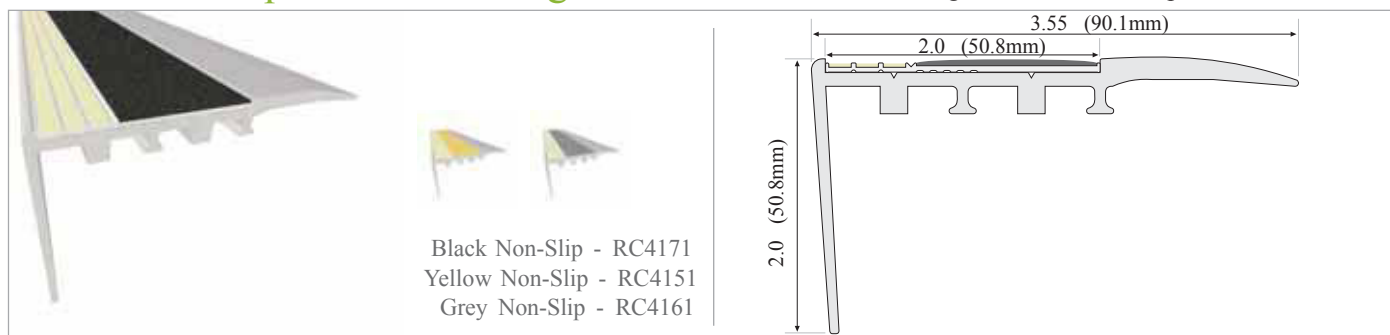
C Series Carpet Stair Nosings

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Anodizing Available as a Special Order



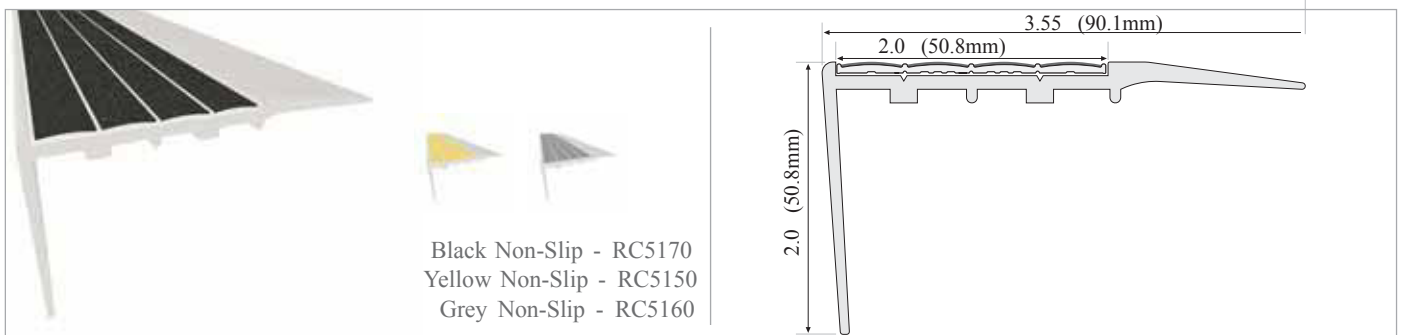
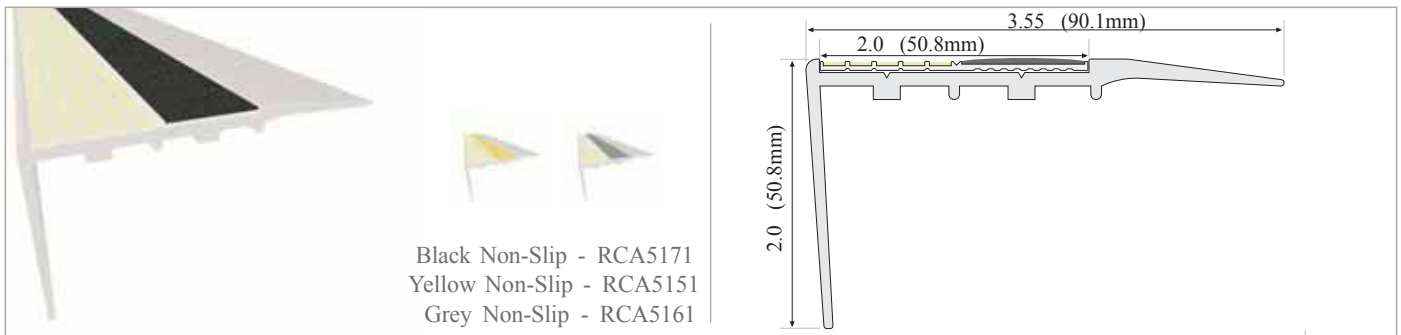
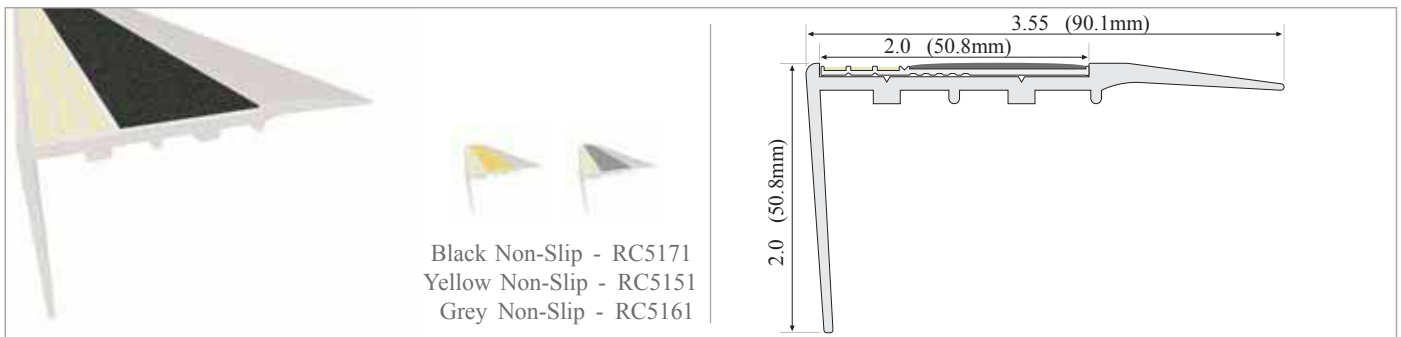
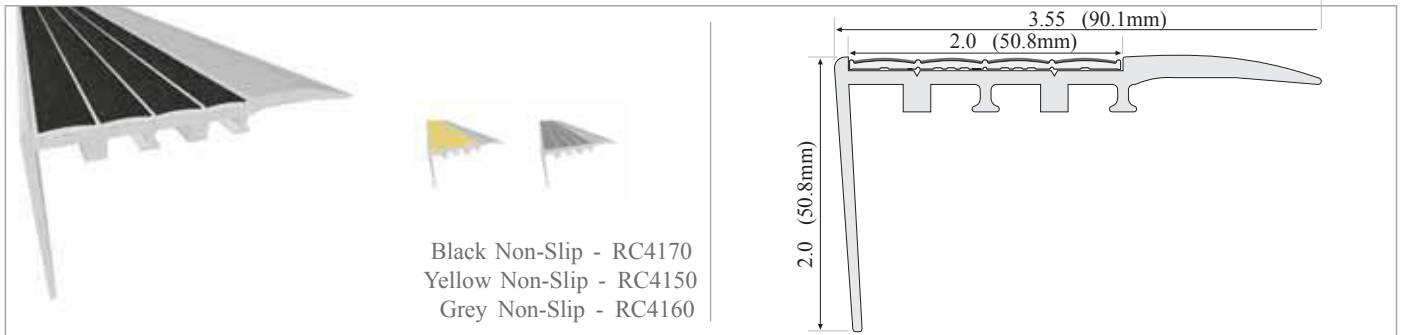
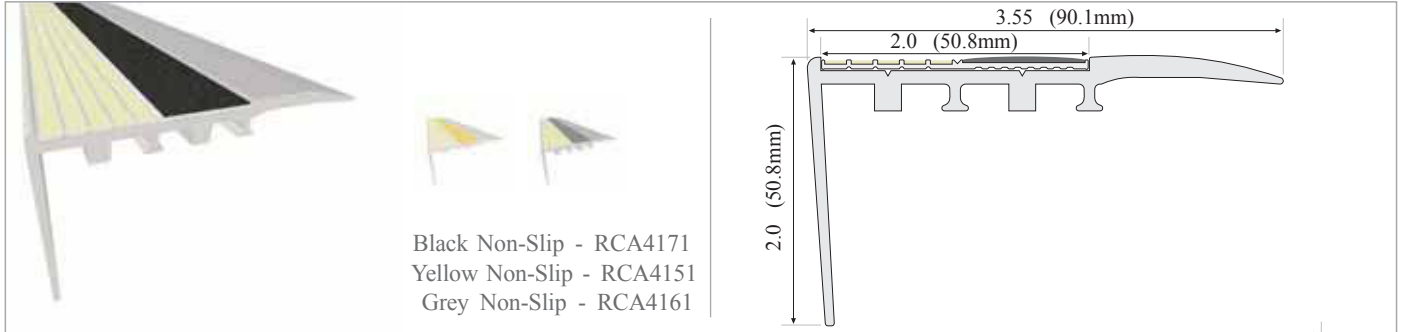
RC Series Carpet Stair Nosings

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Anodizing Available as a Special Order



RC Series Carpet Stair Nosing

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Andoizing Available as a Special Order



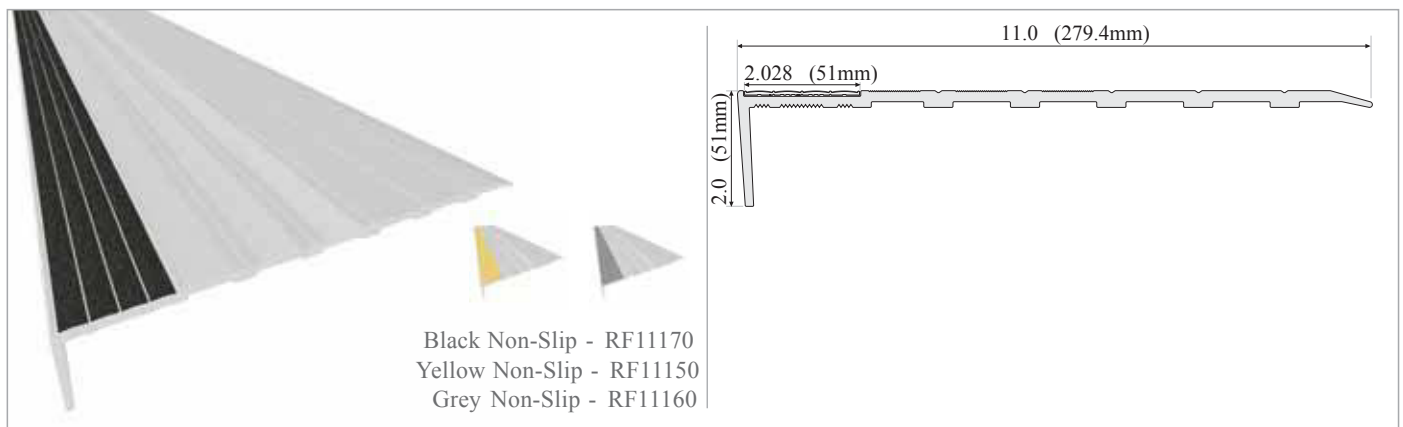
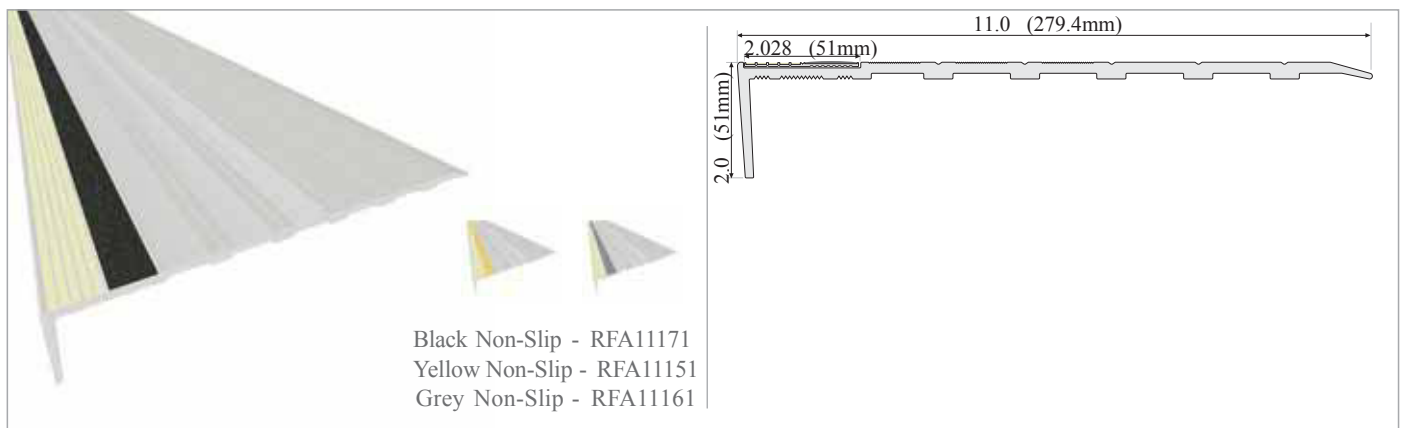
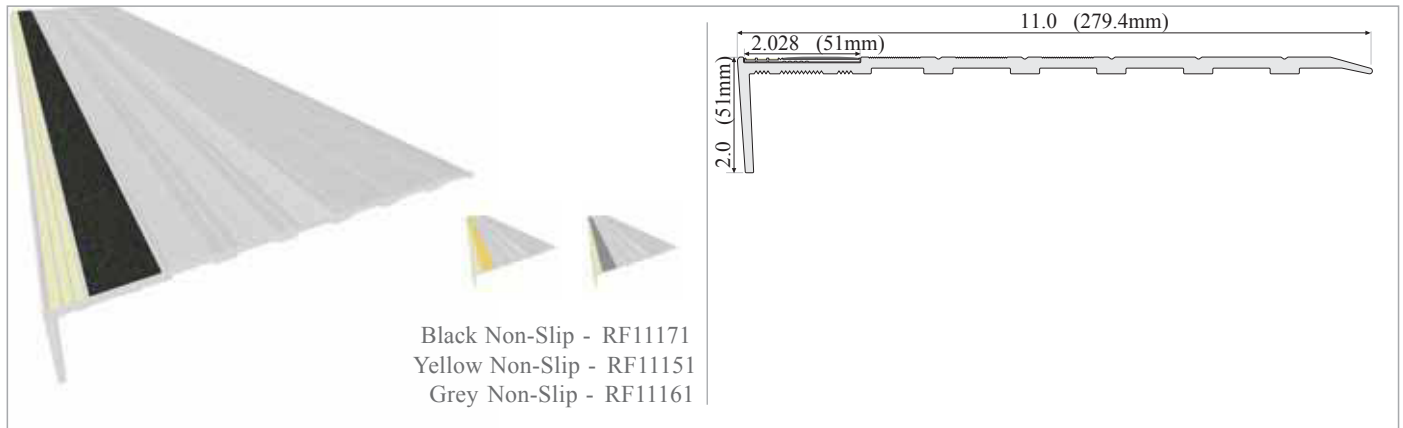
P Series Promo Step Flat Stair Nosing

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Andoizing Available as a Special Order



RF Series Renovation Stair Tread

Clear Anodized Aluminum Standard (Type II, Class I), Black, Bronze and Custom Color Anodizing Available as a Special Order



S Series Cast-In-Place Inserts

	Black Non-Slip - S1171 Yellow Non-Slip - S1151 Grey Non-Slip - S1161	
	Black Non-Slip - SA1171 Yellow Non-Slip - SA1151 Grey Non-Slip - SA1161	
	Black Non-Slip - S1170 Yellow Non-Slip - S1150 Grey Non-Slip - S1160	

T Series Thresholds

	Black Non-Slip - T3171 Yellow Non-Slip - T3151 Grey Non-Slip - T3161	
	Black Non-Slip - T3170 Yellow Non-Slip - T3150 Grey Non-Slip - T3160	
	T4101	

CCCW Series Carpet Accessories

CC1101		CW1101	
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Egress Signage

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	EX2010	7.9" x 3.9" (200mm x 100mm)	Exit Sign
	EE2010	7.9" x 3.9" (200mm x 100mm)	Emergency Exit Sign
	AR1010H &	3.9" x 3.9" (100mm x 100mm)	AR1010D Arrow
	RM1010	3.9" x 3.9" (100mm x 100mm)	Running Man
	FA1010	3.9" x 3.9" (100mm x 100mm)	Fire Alarm
	FE1010	3.9" x 3.9" (100mm x 100mm)	Fire Extinguisher
	FH1010	3.9" x 3.9" (100mm x 100mm)	Fire Hose

Aisle Markers

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	RE65/45	2.6" x 1.8" (65mm x 45mm)	Large Rectangle
	RE45/32.5	1.8" x 1.3" (45mm x 32.5mm)	Small Rectangle
	SQ88/88	3.6" X 3.6" (88mm x 88mm)	Square
	RE38/161	1.6" x 6" (38mm x 161mm)	Long Rectangle (holder available separately)
	DS60	2.4" (60mm round)	60mm Round Aisle Marker
	DS68	2.7" (68mm round)	68mm Round Aisle Marker (holder available separately)

Seat Numbers

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	SQ31.9r	1.3" x 1.3" (31.9mm x 31.9mm)	Square with rounded corners
	DS40	1.6" (40mm round)	40mm Round Seat Number
	EL 18.7/56.7	0.7" x 2.2" (18.7mm x 56.7mm)	Ellipse
	OR14.7/27.2	0.6" x 1.1" (147mm x 27.2mm)	Obround Small
	OR16/44.6	0.6" x 1.8" (16mm x 44.6mm)	Obround Large

DIRECTIONAL EXIT SIGNS

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	RA02012	8" X 4.6" (203mm x 116.84mm)	Exit to the Right
	RB02012	8" X 4.6" (203mm x 116.84mm)	Exit to the Left
	RC02012	8" X 4.6" (203mm x 116.84mm)	Exit Down and to the Right
	RD02012	8" X 4.6" (203mm x 116.84mm)	Exit Down and to the Left
	RE02012	8" X 4.6" (203mm x 116.84mm)	Exit Up and to the Right
	RF02012	8" X 4.6" (203mm x 116.84mm)	Exit Up and to the Left
	RG02012	8" X 4.6" (203mm x 116.84mm)	Exit Straight Ahead and Up
	RH02012	8" X 4.6" (203mm x 116.84mm)	Exit Straight Ahead and Down

DOOR MOUNTED EXIT DOOR SIGNS

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	R0E3312	13" x 4.6" (213.36mm x 116.84mm)	Running Man with Exit

WALL MOUNTED EXIT DOOR SIGNS AND INTERMEDIATE DOOR SIGNS

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	RAE2122	8.4" X 8.9" (213.36mm x 226mm)	Exit to the Right
	RBE2122	8.4" X 8.9" (213.36mm x 282.26mm)	Exit to the Left

FINAL EXIT SIGNS

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	RAF2128	8.4" X 11.1" (213.36mm x 282mm)	Final Exit to the Right
	RBF2128	8.4" X 11.1" (213.36mm x 282mm)	Final Exit to the Left

FINAL EXIT SIGNS With Custom Wording

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	RBV4219	16.4" X 7.4" (416.56mm x 188mm)	Exit to "Custom Wording"

OTHER PRODUCTS

PRODUCT	PRODUCT CODE	DIMENSIONS	DESCRIPTION
	00N1854	7" X 2.1" (177.8mm x 53.34mm)	Not An Exit Text Only
	OB20025	1" X Cut to length	Obstruction Strip
	DHM1010	4" X 4"	Door Handle Indicator
	DHM03YY	1" X Custom Cut	Panic Bar Indicator

75 Foot and 100 Foot Visibility

PRODUCT	PRODUCT CODE	VISIBILITY	DIMENSIONS	DESCRIPTION
	EX405229-75G	75 Ft	16" x 9" (405mm x 229mm)	Single Photoluminescent Exit Sign - Green Letters
	EX405229-100G	100 Ft		
	EX405229-75R	75 Ft	16" x 9" (405mm x 229mm)	Single Photoluminescent Exit Sign - Red Letters
	EX405229-100R	100 Ft		
	EX424246-75G	75 Ft	16.7" x 9.7" (405mm x 229mm)	One or Two Sided Exit Sign EX405229-75G with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Green Letters Black, Bronze & Custom color anodizing available as a special order.
	EX424246-100G	100 Ft		
	EX424246-75R	75 Ft	16.7" x 9.7" (405mm x 229mm)	One or Two Sided Exit Sign EX405229-75R with Clear Anodized Aluminum Frame and Universal Mounting Hardware - Red Letters Black, Bronze & Custom color anodizing available as a special order.
	EX424246-100R	100 Ft		



Photoluminescent Exit Signs (UL924) are a highly sustainable product that can directly contribute toward securing points in the following LEED Credits:

EA Credit #1 - Energy and Atmosphere: Optimizing Energy Performance.

MR Credit #4 - Materials and Resources: Recycled Content

ID Credit #1.1 - Innovation in design: Exceptional Performance



**Hong Kong
Convention Centre**



**Melbourne
Cricket Ground**



**Time Warner Center
NYC, NY**



**Burj Dubai
UAE**



**Eaton Center
Toronto, ON**



**Markham Theater
Markham, ON**



**Bloor St Properties
Toronto, ON**



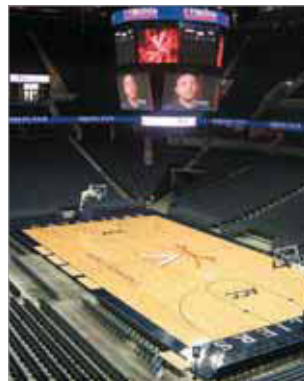
**Hart House
University of Toronto
Toronto, ON**



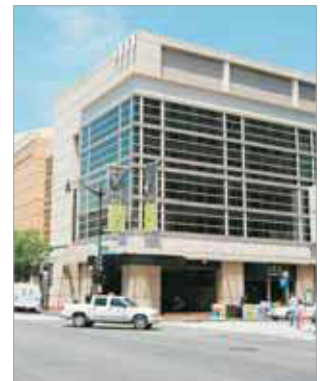
**University of
Delaware Newark, DE**



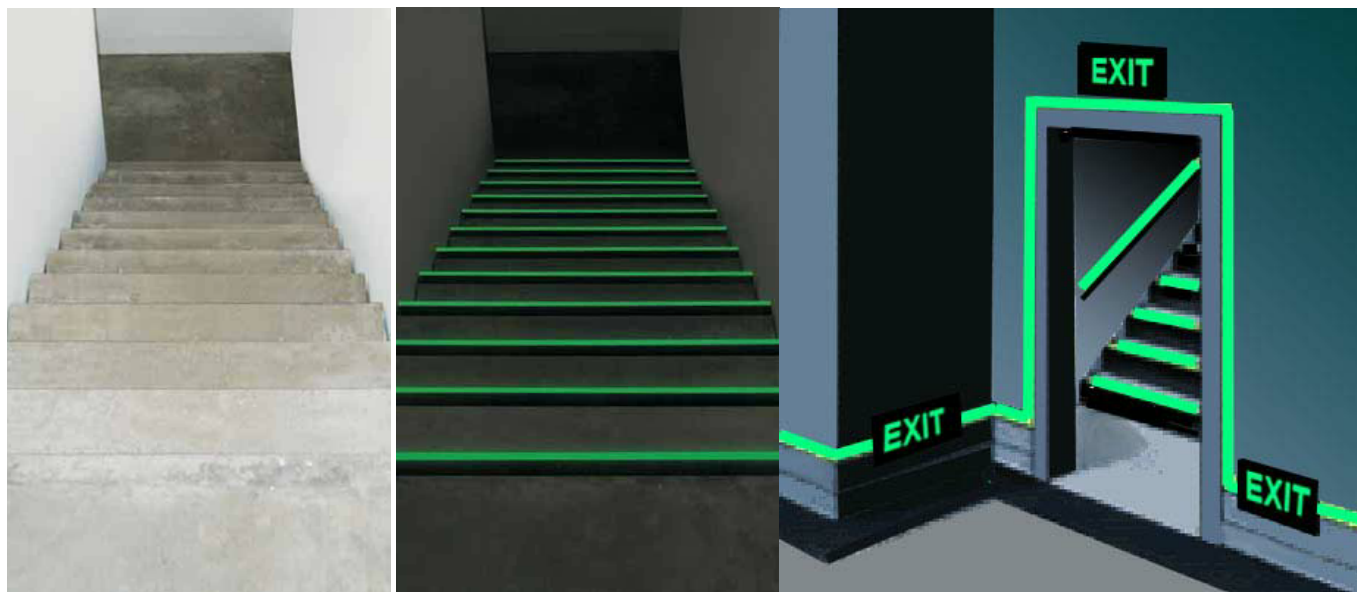
**Fox Theater
Oakland, CA**



**John Paul Jones Arena
University of Virginia
Charlottesville, VA**



**Verizon Centre
Washington DC**



STEP-GLOW STRENGTHS	BENEFITS
High quality anti-slip material	Reduces slips and falls
High quality photoluminescence	Visible for hours in dark conditions
Baked in process	Hardwearing, no repainting
Step edge contrast	Reduces falls in light or dark conditions
Recycles natural or artificial light	Decrease electricity usage, increased sustainability
UV Resistance	Can be installed inside or outside
Internationally accredited testing	Specify with confidence
Green Attributes	Non-toxic, non-radioactive, made with recycled aluminum & long life

- 2009 IFC Exit Lighting, January 2009
- 2009 IBC Section 1027, January 2009
- NFPA 101 and 5000, January 2009
- California, Chapter 10, January 2008
- Connecticut, Section 1026, January 2008
- New York City Code, July 2008
- ICC Acc169 (US Stadia, arenas & theaters)

- GSA for all Buildings, January 2009
- British & ISO Standards for PL Brightness
- Tokyo Fire Department
- Fire & Disaster Management Agency (Japan)
- Building Code of Australia
- New Zealand Building Code