

HIGH PERFORMANCE ANTI-SLIP RECESSED STAIR NOSING

Product Description

This high performance stair nosing has been developed to be used on staircases in commercial and public buildings where a recessed nosing is required. Compatible with concrete, timber, resin and stone clad steel staircase construction methods. Specifically designed for high levels of usage and incorporating low slip potential tread to ensure safe movement of people between levels in dry and wet conditions.

This stair nosing can be used in low-light situations when fitted with photoluminescent tread. This stair nosing has been designed with the Equality Act (formally DDA) and building regulations best practice guidelines taken into consideration.

Colour Ranges:

Inc. Light Reflectance Value (LRV)

STANDARD TREAD

- | | |
|---------------|----------------------|
| 6 Claret | 30 Jade |
| 6 Black | 33 Tangerine |
| 10 Rustic | 49 Polar Grey |
| 10 Peat | 51 Ivory |
| 11 Dark Blue | 52 Sky |
| 11 Regency | 53 Lime |
| 11 Spruce | 56 Sun |
| 11 Granite | 64 Mist NEW |
| 13 Poppy | 67 Yellow |
| 15 Flint | 69 Photo* |
| 16 Royal Blue | 77 Desert NEW |
| 21 Fawn | 81 White |
| 26 Light Grey | |

ECOGLO TREAD

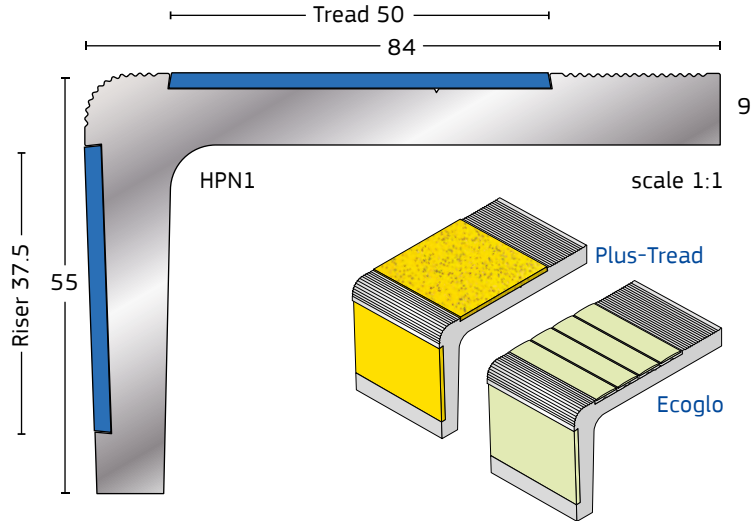
- 5 Black
- 49 Yellow
- 69 Photo*

PLUS-TREAD

- 5 Carbon
- 9 Ruby
- 22 Aqua
- 27 Platinum
- 41 Sand
- 47 Hornet

*Photoluminescent

Product Dimensions & Design



Photoluminescent Properties

Standard Photoluminescent tread (LRV 69)

Fluorescent charging in a reasonably lit area (150 lux, 4000K)

Activation Time	Hours of Visibility
30 minutes	1 hour

Ecoglo EGLO-35 & EGLO-55

Fluorescent charging of Ecoglo S10 Material in a poorly lit area (20 lux, 4000K)

Fluorescent charging of Ecoglo S10 Material in a reasonably lit area (150 lux, 4000K)

Activation Time	Hours of Visibility**
5 minutes	0.5 hours
10 minutes	1 hour
20 minutes	2.25 hours
30 minutes	3 hours

Fluorescent charging of Ecoglo S10 Material in a well lit area (300 lux, 4000K)

5 minutes	2.5 hours
10 minutes	4 hours
20 minutes	6 hours
30 minutes	7 hours

Fluorescent charging of Ecoglo S10 Material in a well lit area (300 lux, 4000K)

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 by NYC RS6.1 & ICC



Technical Data

Product Composition

Carrier: Extruded aluminium alloy
T6 6063

Riser & Tread:

Polyvinylchloride (PVC)
Plasticisers
Inert fillers
Flame retardants

Safety Data

Please review 'Safety Data Sheet – Aluminium Stair Nosing'.

Slip Resistance

Treads tested independently using the pendulum test (BS7976D2 Test Certificate) adhering to UKSRG, HSE and CIRIA guidelines on pedestrian slip risk assessment resulting in a PTV 74+ in dry and wet conditions.

This test confirms that all the tread exceeds the minimum requirement as per BS8300:2009 and HSE Publications.

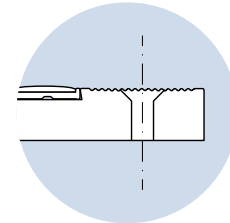
Maintenance

Note: Do not use solvents

1. Clean aluminium carrier with a mild detergent solution.
2. Clean tread with a mild detergent solution using a scouring pad to remove any heavy soiling.
3. Rinse with clean water and dry off if necessary with lint free cloth.
Do not open to traffic whilst wet!

Installation

1. When on site, check step measurements with cut Stair Nosing supplied. Prepare step edge surfaces. They must be clean, smooth, and clear of debris. For steps that are worn or have cracked surfaces repair mortar or similar should be used to repair the step.
2. Mark the drill holes on the step, using the respective pre drilled Nosing as a guide or approximately 1 hole every 300mm. Then drill the fixing holes using a masonry drill bit to suit the fixing plug and screw size (1" no.8 recommended).
3. To bed down the Nosing apply cartridge adhesive to the underside of the tread, as per the manufacturers' instructions.
4. To fix the Nosing, start at the top step, place the Nosing onto the step, press down and screw into position.



Repeat the process for the next step down.

Note: Secret Fix available (no screw heads visible) – please contact Quantum Flooring to confirm drilling specification for this option.

Warranty

Quantum Flooring Solutions warrants that all Stair Nosings produced and despatched from its works in Oldham, Lancashire are free from material defects and are fit for purpose when fitted strictly in accordance with the manufacturer's instructions.

This warranty is applicable to Quantum Stair Nosings that have been correctly specified, installed and maintained. Company leaflets, brochures and data sheets (hard copy and online) are available, and these give details of all necessary and relevant requirements.

Generally it is expected that Stair Nosings will outlast the surrounding floorcovering used on the treads of steps. However, this warranty does not cover general wear and tear of the products that will be consistent with the foot traffic levels of the installation. Also the company will not be held liable for any damage caused by vandalism or misuse of the products arising from acts of omission, negligence or any failure by the end user.

Advice & Information

For technical information please email technical@quantum-ps.co.uk.