

Guardian stair nosing is an architecturally-designed safety product, essential for owners of buildings where public and employee access occurs by steps. It is also vital where dedicated stair cases are used for fire escape purposes. Building Codes for the construction of stairs and exits and Australian Standards for access and mobility now require all new buildings to include slip-resistant stair treads.

Features

This non-slip stair nosing is manufactured from non-corrosive, high quality *Anodised Aluminium*. It provides a fast, permanent anti-slip surface to the front edge to all types of stair surfaces, even in adverse conditions such as the presence of water or oil.

The nosing measures 80mm wide and 30mm deep.

Colours to suit all settings

Guardian non-slip stair nosing is currently manufactured in three standard colours which will provide the necessary visual contrast for a wide range of settings and materials. The standard colours are BLACK, GREY and SAFETY YELLOW.

Importance of luminance contrast

Guardian's non-slip stair nosing incorporates luminance (reflection of light) contrast in all settings, which is an essential aid to people with vision impairment. This is due to the fact that it enhances sight far better than colour contrast (the perceived difference in a colour that occurs when it is surrounded by another colour).

Luminance contrast is preferred to colour contrast as it highlights the difference in the *light/dark* qualities of two adjoining surfaces rather than just their colours. This means that it offers *light /dark* differences that can be picked up easier by people who are vision impaired.

Taking action on accident prevention

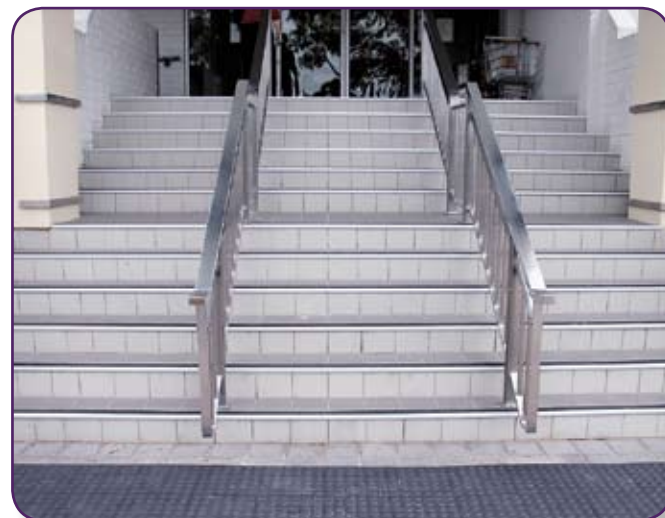
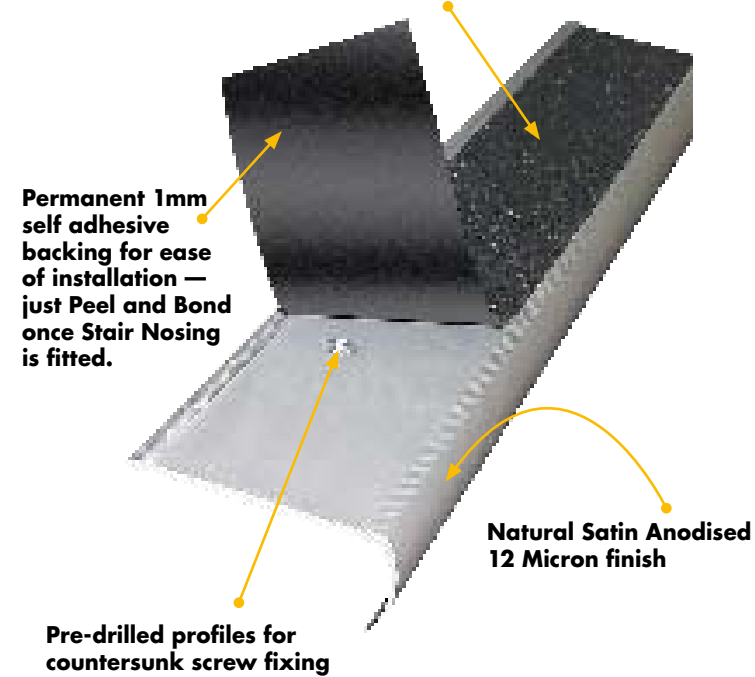
Our non-slip stair nosing provides a reliable and durable solution to the prevention of slips and falls that can result in serious accidents on internal and external stair cases.

A More Cost Effective Solution

While it meets or exceeds *all* safety standards and is tough and durable, Guardian non-slip stair nosing **is very competitively priced** and will not blow out your construction or maintenance budget. Its ease of installation means anyone can install it quickly and effectively. Manufactured in lengths of 6 metres it can be easily cut to fit any stair width. Then, just simply Bond, Drill and Screw.

We have an Australia-wide network of suppliers and/or installers who will provide a quick and professional response to your stair nosing requirements...

Heavy Duty non-slip surface for safety. Available in 3 colours: BLACK, GREY, and SAFETY YELLOW



5 Year Guarantee

- Architecturally Designed, extruded aluminium non-slip stair nosing.
- 15 Micron anodised surface coating protects against corrosion, scratching and wear.
- The heavy duty 1mm thick Silicon Carbide insert guarantees many years of non-slip service under heavy foot traffic.
- Totally Waterproof and Weatherproof against all kinds of conditions.
- Bonding System adheres to all types of surface and eliminates metal vibration.
- Pre-cut and pre-drilled for simple, quick, and easy on-site fixing to any substrate.
- Kits can be supplied with masonry drill bit, driver and special self-tapping screws or plugs. Detailed installation instructions are included.
- Guaranteed for 5 Years.

Slips and falls are a major cause of accidents

Over 40% of all workplace accidents are caused by slips and falls. Those that happen where the person falls forward down stairs are most likely to cause severe injuries. Stairs are one of the most hazardous locations in buildings but can be safeguarded from slips and falls with Guardian non-slip stair nosing.

However it is not just workers who are at risk—anyone who can access any building by steps could be at risk, **especially people with vision impairment and other mobile disabilities.**

As building owners well know, Australian courts strictly enforce a duty-of-care to workers and the general public who access their buildings.

Assisting the Vision Impaired Now and Into the Future

The number of Australians estimated to have legal blindness or low vision is approximately 380,000, with this number expecting to double by 2024 as the population ages.*

Incorporating aids for the vision impaired in all indoor and outdoor construction is not only good practice **but it has become mandatory in all Australian building codes and Public Access Disability Standards.**

**Figures from Vision Australia Foundation*



36# GRIT SILICON CARBIDE

Technical Information

Australian Building Code

The Australian Building Code of Australia calls for non-slip stair nosing to be used in accordance with:

- Building Code of Australia (2007) Volume 1 – Construction of Exits
 - Goings and Risers. Section D2.13 (a) (v)
 - Landings. Section D2.14 (a) (ii)
- Building Code of Australia (2007) Volume 2 – Stair Construction
 - Section 3.9.1.3 (g)

Australian Standards

The Australian Building Code of Australia calls for non-slip stair nosing to be used in accordance with:

- Australian Standards AS 1428.1 – 2001
 - Design for access and mobility – new building work. Stairways – Part 9.1c
- Australian Standards AS 1428.2 – 1992
 - Design for access and mobility – new building work. Stairways – Part 13.3

Compliance with New Public Access Standards

Guardian non-slip stair nosing will ensure owners provide an **accessible accessway*** to and within their buildings in compliance with the requirements of the **Building Code of Australia and Australian Standards.**

* **Accessible** means having features to permit use by people with disabilities.

* **Accessway** means a continuous **accessible** path of travel to or within a building, suitable for people with disabilities as defined in AS 1428.1 and AS 1428.2

Codes and Standards

To fully comply with these standards, **all public access stairs must:**

- be fitted with stair nosings that have a fully non-slip horizontal surface;
- have 90° stair nosings measuring a minimum of 50mm wide by 25mm deep; and
- have stair nosings with a luminance contrast of at least 30 per cent against the surface they are fixed to.



Statutory C.S.I.R.O. Approvals

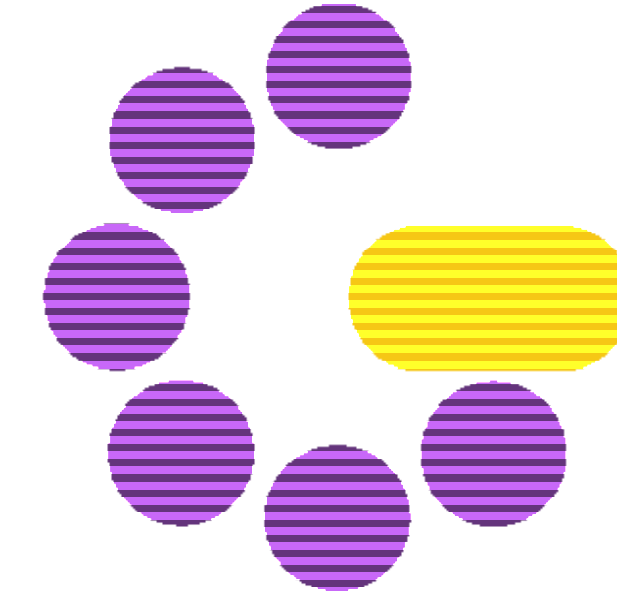
Guardian have complied with the test criteria requirements of the C.S.I.R.O. and Australian Standards in conjunction with:

AS / NZS 4586: 2004	Result	Class	Date
Oil - Wet Ramp test	36.4	R13	August 2008

AS / NZS 4586: 2004	Result	Class	Date
Wet Pendulum Test	80	Very High	August 2008

AS 4856	Result	Class	Date
C.S.I.R.O. Accelerated Wear Test (C.A.W.T.)	5% Loss	V	September 2008
(Zero Revolutions) 80			
(500 Revolutions) 76			

Guardian stair nosings meet or exceed these requirements and when fitted will ensure the building owner fully meets the *duty-of-care obligations to the public* as outlined in these Codes and Standards.



Guardian®

Non-Slip Stair Nosing



Guardian®
Non-Slip Stair Nosings

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Guardian Stair Nosing is a Registered ® Trade Mark



*The retro-fit, superior stair nosing system
for stair safety in the workplace and at home*

Drill, Screw and Ready to Walk On...