

Non-Slip Stair Nosing

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.

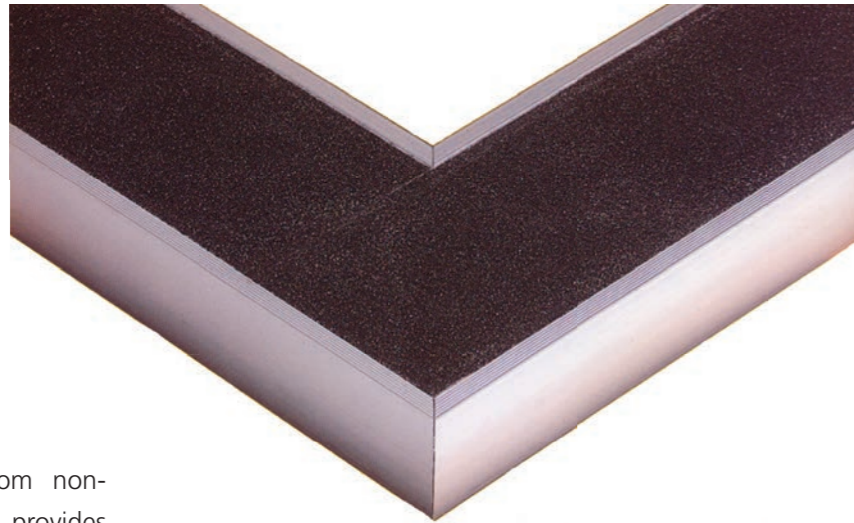
The nosing measures 80mm wide and 30mm deep.

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.



36# GRIT SILICON CARBIDE



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).

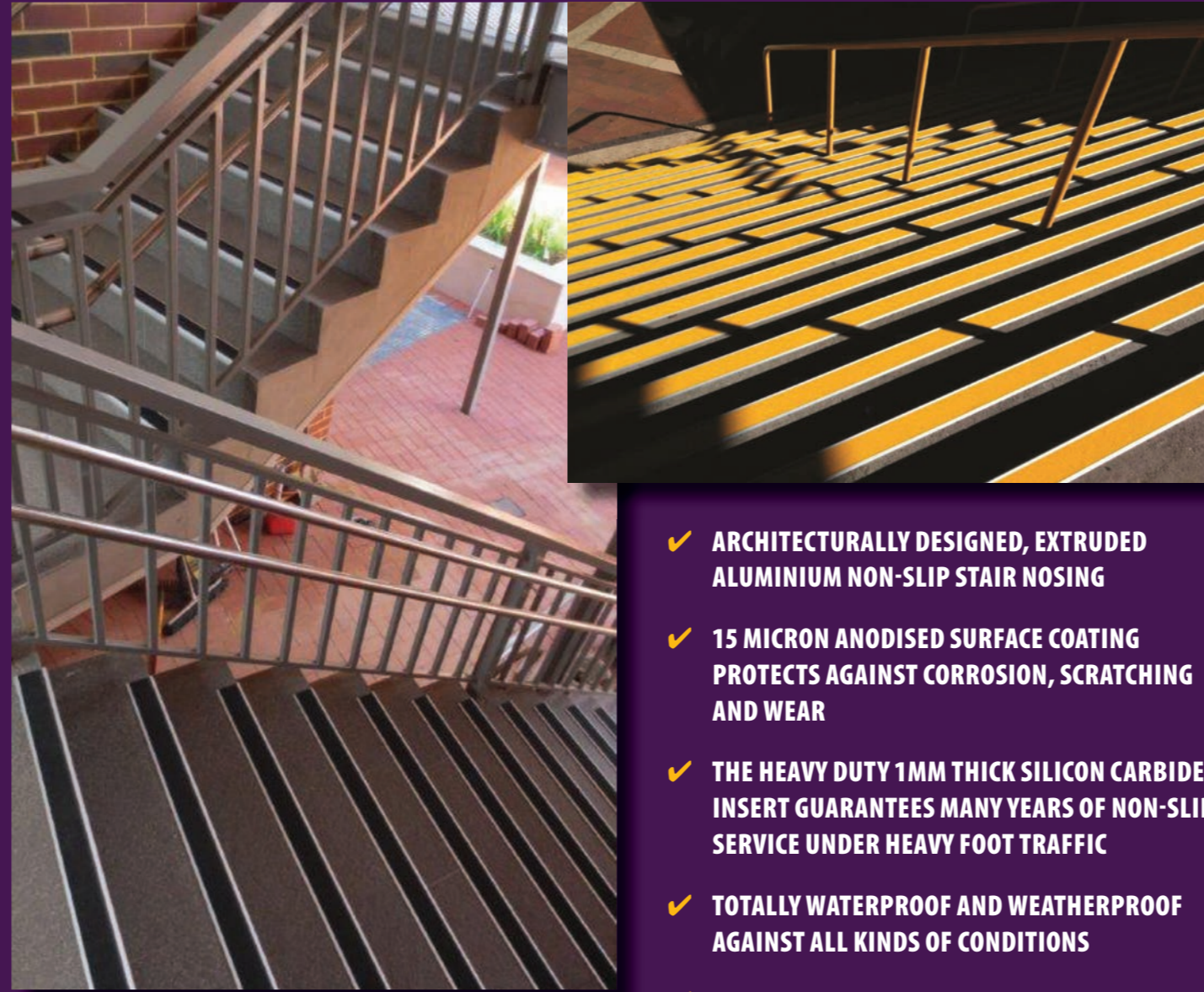
Luminance contrast is preferred to colour contrast as it highlights the difference in the light/dark qualities of two adjoining surfaces rather than just their colours. This means that it offers light /dark differences that can be picked up easier by people who are vision impaired.

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 5.8 metres it can be easily cut to fit any stair width. Then, just simply Bond, Drill and Screw.



Committed Business

We have many long-term customers whom we have been doing business with for over 5 years. Top rate service and product support is given to all our customers both large and small, and this is why we benefit in receiving so much repeat business from many Local Councils and Building Companies.

We offer a genuine and dependable service, supply stocks are high and delivery is prompt.

All Guardian products meet, and in most cases exceed requirements set out in Australian Standards AS1428.1:2009 and AS1428.4.1:2009 and Australian Building Codes (2011).



Guardian
Tactile Systems Pty Ltd

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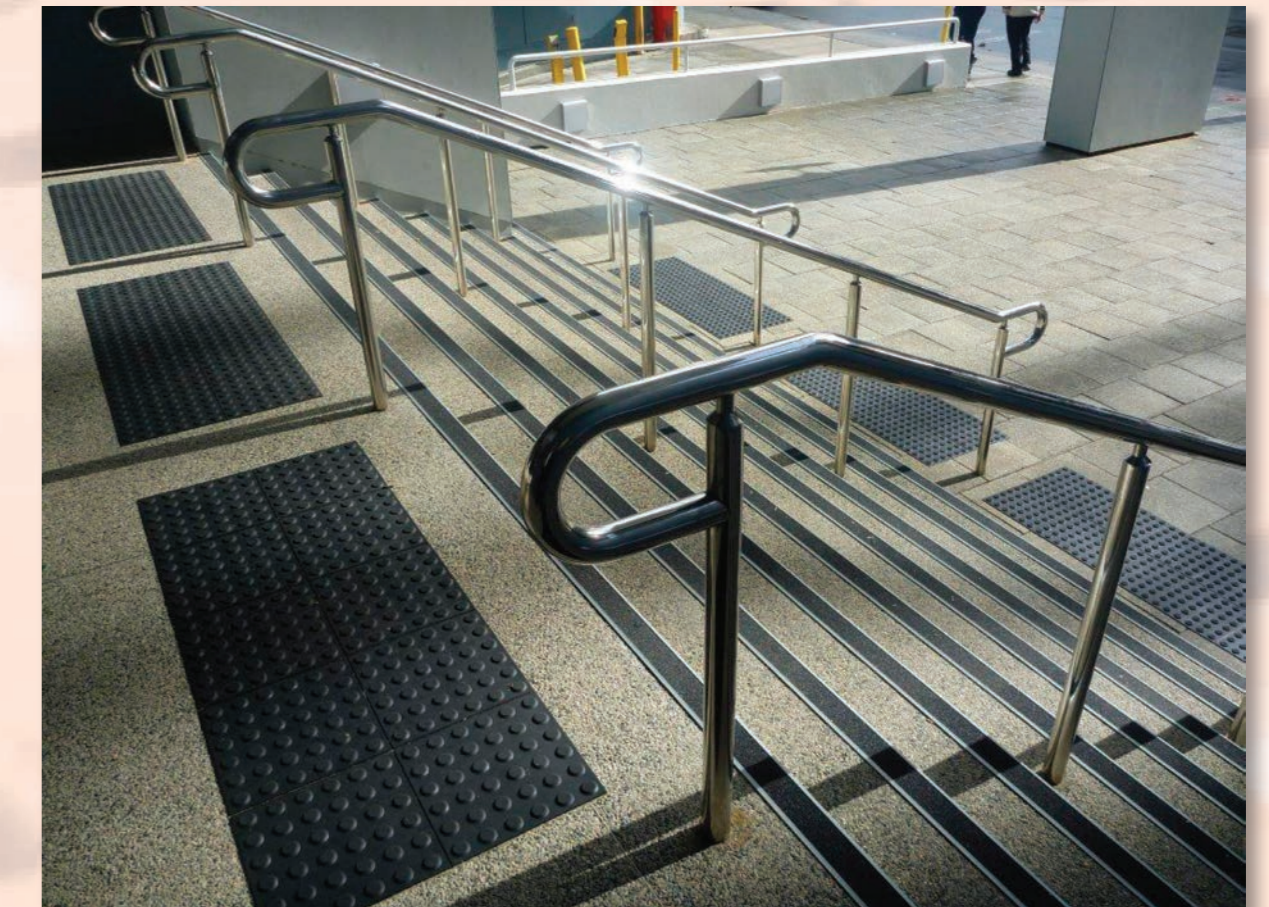
Guardian Tactile Systems is a Registered ® Trade Mark
Guardian Stair Nosing is a Registered ® Trade Mark

- ✓ 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



Guardian

Tactile Systems



Peel, Bond and Ready to Walk On...

• Innovation For The Future •

■ A state-of-the-art design for ground surface indicators for the vision impaired

The Guardian system is a new generation solution for instant, durable and aesthetically pleasing tactile ground surface indicators (TGSIs's).

This unique product blends style and versatility within a system that is modular, flexible and extremely cost effective.

Guardian's ground-breaking peel and bond technology is state-of-the-art in its design, yet simple and easy to install, giving it an immediate practical appeal and extensive usage possibilities.

■ Compliance with new public access Standards

Guardian Tactiles are fully safety-compliant and can be incorporated into new or existing areas to aid the vision impaired. They have passed the **CSIRO Slip Resistance Tests** and meet the AS/NZS 4586:2004 (Appendix D) Standards in Test Report No. 6448 dated 28 September 2012 with an **R11 Rating**. Guardian Tactiles are CSIRO tested (ASTM C1343) and approved to the Taber abrasive index level of 84.4. This equates to a wear resistance factor of about **3 times that of concrete**. Results of wet pendulum test is Class **W**.

■ Anywhere, anytime — in no time

The revolutionary peel and bond design ensures that Guardian Tactiles can be installed and **walked on immediately**. This presents instant cost benefits.

The Tactiles are designed with a special surface that enables them to adhere instantly. Interior applications do not require any other fixing, screwing or securing devices to ensure they remain firmly in place. The innovative self-adhesive cross linking polymer surface achieves a complete and permanent "fix" as they are laid.

The tactiles will not peel, lift, chip, crack or slip once they are correctly installed. Every tactile complies fully with Australian Standards AS/NZS 1428.4:2002.

■ A more cost effective solution

Their unique design and **ease of installation** means Guardian Tactiles are **more cost effective** than other surface indicator products on the market today. In addition, the Guardian Tactile installation process creates the least disruption to building workers and the general public.

■ For all time...

Guardian Tactiles provide long-lasting solutions to the incorporation of aids for the vision impaired. Their unique design and strong, impact resistant Polyurethane composition makes them extremely hard-wearing and long lasting.

They are exceptionally durable, and stand up to Australia's harsh outdoor conditions, as well as all types of indoor conditions. Guardian Tactiles are designed to be UV and VIS light resistant, so they will not fade or discolour. **All Guardian Tactiles carry a full 10 year guarantee.**

■ Ideal for use in any situation

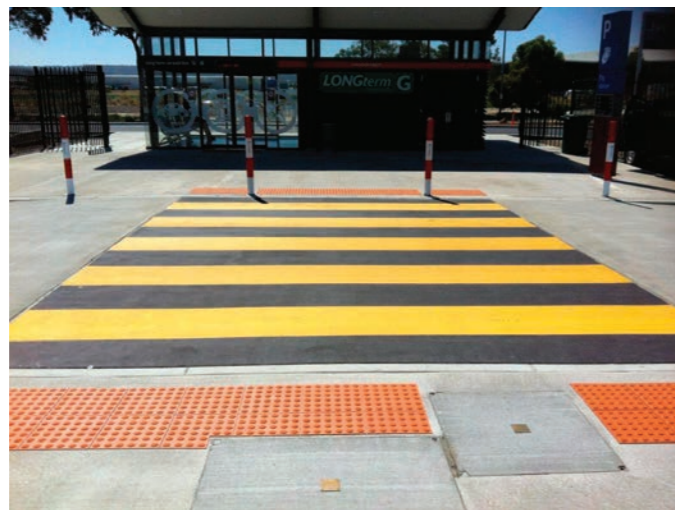
The Guardian Tactile system's innovation means it can be applied as widely as needed, and wherever indicators are required for the vision impaired.

This includes:

- bus stops • car parks • crossings • kerbs • steps
- entrances • intersections • pram ramps
- overhead hazards • alfresco dining areas • stairways
- escalators • fire escapes • ramps • railway platforms
- walkways • passenger wharves • hazards adjacent to a path • indication of changes of direction.

The Guardian Tactile System was approved on 14 February 2005 for use by VicRoads as part of its DDA Compliance Works Program for the declared road network throughout the State of Victoria.

Also approved by The Transport and Main Roads Department of Queensland.



• Going The Distance •

■ Versatile and Flexible

The enormous versatility and flexibility of the tactiles means they can be easily incorporated into almost any construction without restricting creative design and architecture.

Whether being used in new construction or retro-fitting, they work in exactly the same way.

The tactiles will bond to any surface, including: bitumen, timber, concrete, tiles, vinyl, carpet, marble, plastic, brick paving and stone.

They are modular and by their versatility allow endless configurations to suit new or existing surfaces and design styles.

Because our tactiles are made of Polyurethane they are not affected by extremely high or low temperatures.

Their flexibility means they can be securely fixed to undulating surfaces where needed.

The peel and bond installation allows fitting into small areas where it would be difficult to lay indicators in alternative materials, such as concrete, tiles and ceramic.

When installing Guardian Tactiles externally our **Fast Cure Primer** must be applied to the substrate as per the installation instructions supplied *prior* to the laying of the tactiles.

■ Choose any colour you like

Tiles are available in a range of standard and most widely used colours. Customers can also have their own colour range produced (minimum quantities apply) to ensure that the tiles enhance almost any design, style and colour scheme.

Australian Standards Tactile requirement	AS/NZS 1428.4:2002 Appendix F. Page 51
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Standard Colours are:

- Terracotta
- Ivory
- Yellow
- Colorado Grey
- Medium Grey
- Black



• Luminance Contrast Requirements •

Luminance contrast of TGSIs is the difference in the amount of light reflected from the TGSIs compared to the amount of light reflected from the background or adjacent path of travel.

Where the TGSIs are discrete units, it shall have a minimum luminance contrast of 30% compared to the amount of light reflected from the surface of the adjacent path of travel.

Where the TGSIs are discrete units having the same luminance for the sloping sides and upper surface of the truncated cones, the units shall have a minimum luminance contrast of 45% compared to the amount of light reflected from the surface of the adjacent path of travel.

Where the TGSIs are discrete units having differing luminance for the sloping sides and upper surface of the truncated cones, the units shall have a minimum luminance contrast of 60% compared to the amount of light reflected from the surface of the adjacent path of travel.

These contrasts shall be achieved under both natural and artificial lighting conditions and shall be maintained under all weather conditions.

■ Discrete Tactiles – USE WITH CAUTION

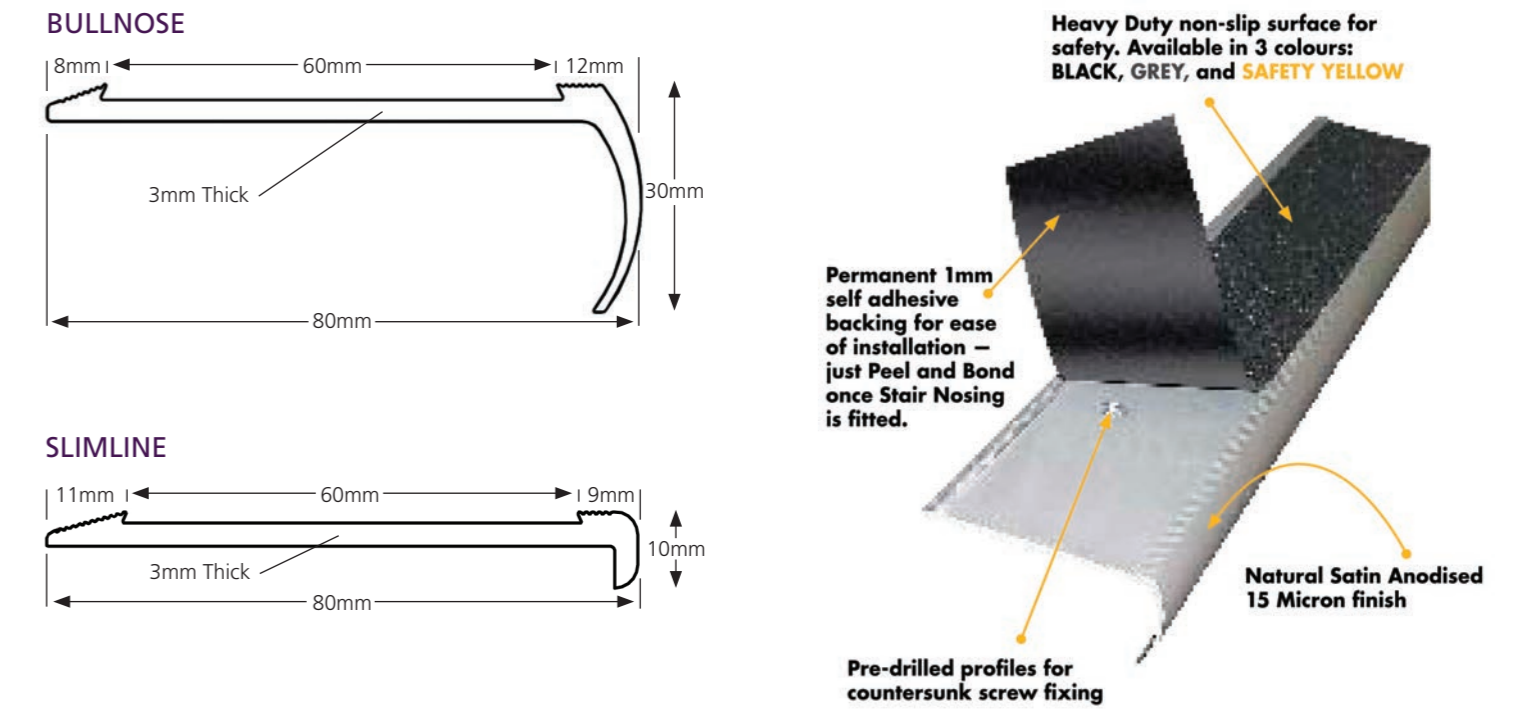


Our system is classed as an integrated unit and requires a minimum luminance contrast of 30% compared to the amount of light reflected from the surface of the adjacent path of travel. Individual buttons require a minimum of 45-60% luminance contrast.

Tactile buttons that are individually installed are commonly known as "discrete" tactile indicators. These are up to seven times more expensive than our system. If discrete indicators (buttons) are selected to be installed, **the Installer is required to carry out on-site luminance contrast and slip testing** to conform with AS 1428.4.1.2009.

Non-Slip Stair Nosing

Drill, Screw and Ready to Walk On...



Guardian Fibreglass Stair Nosings and Treads

Guardian FRP Non Slip Stair Treads are an ideal retrofit system for all types of Industrial, Mining and Marine site access stairs. They provide an extremely safe platform for guaranteeing a workers safety by maintaining positive grip, balance, and Luminance Contrast.

The fibreglass product has a wet pendulum test of Grade **V** and an oil and wet ramp test of **R13**.

The Guardian Stair Treads maintain their high efficiency even in wet and oily conditions and will not lose their colour over time.

Benefits of Fibreglass Stair Nosing

- Provides long lasting, impact resistant service in industrial applications
- Extremely hard wearing with a tough grit
- Aggressive non-slip surface even when wet, oily, greasy or dusty
- Excellent chemical, UV and corrosion resistance
- Does not introduce a trip hazard, or significantly increase the height of a step
- Cleans readily with non-solvent cleaner and stiff brush
- Easily installed either during new construction or as a retrofit item
- Wide range of standard sizes, surface grits
- Suitable for both interior and exterior use
- Protects and highlights leading edge of step
- Exceeds CSIRO Slip and Abrasive guidelines

