



ESSENTIAL
COMPLIANCE SOLUTIONS



TRIP & SLIP
HAZARDS

COMPLIANCE MADE EASY.



FIRE EVACUATION
DIAGRAMS



BLOCK
PLANS



FIRE
PENETRATIONS



TRIP & SLIP
HAZARDS



BUILDING
COMPLIANCE

Why EC Solutions?

Essential Compliance Solutions' knowledge and experience in developing and installing effective and compliant Stair Nosings has given us a superior and unparalleled product that meets all minimum requirements outlined in Australian Standard AS 1428.1 and Volume 1 of the NCC. The ECS group can draw on the resources of specialist Architects, Engineers and compliance consultants to provide appropriate solutions to ensure the continued safety and compliance of your building.

What are trip & slip hazards?

Over 40% of all workplace accidents are caused as a result of slips and falls. These accidents commonly occur on staircases and can result in serious injury. Stairs in your facilities are often high traffic areas and, in the case of an emergency, ensuring the safe egress of occupants is crucial.

Under Australian Standard AS 1428.1, anti-slip stair nosings must be installed to prevent injuries occurring due to falls. ECS can ensure all your trip and slip hazards are mitigated by complying with the relevant Australian Standards.

We have a wide range of products and will work with you to provide the most effective solution to both ensure the safety of your occupants and the compliance of your building. We can retrofit anti-slip stair capping's or install them in new buildings as required.

Standards and Compliance

All new construction is required to provide anti-slip stair nosings on public accessible stairways unless otherwise exempt. Stair Nosings must adhere to the requirements outlined in AS 1428.1 as well as the guidelines referenced in Volume 1 of the National Construction Code (NCC).

A stairway is defined as 2 or more steps used in pedestrian travel. All new buildings covered under Volume 1 of the NCC are required to comply with AS 1428.1. To ensure compliance, the following minimum requirements must be met;

- be fitted with stair Nosings that have a fully non slip horizontal surface
- have 90 degree stair nosings measuring a minimum of 50mm wide by 10mm minimum deep; and
- have stair nosings with a luminance contrast of at least 30% against stair surface

In addition to AS 1428.1 and Volume 1 of the NCC, stair nosing must also comply with slip resistance classifications set out in AS 4586.

Do I need Anti-Slip Stair Nosings?

Under Volume 1 of the NCC, all new buildings require anti-slip stair nosings to be installed. Stair nosing is available for both indoor and outdoor application in a number of colours and styles. Stair nosing should always contrast the stair tread to ensure good visibility in poorly lit locations and for the visually impaired. ECS also provide a number of products that incorporate phosphorescent inserts that glow in the dark.

We stock both aluminium and fiberglass nosing to suit your application. Aluminium nosing that include anti slip inserts, is commonly used in commercial buildings where aesthetics are a consideration.

Steel or fiberglass nosings are typically used in industrial or outdoor stairways due to their Oxide or Carborundum grit coated surfaces. These provide resistance to a number of harmful chemicals such as acids or solvents.





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