

Defender™ guardrails ... independently certified safety

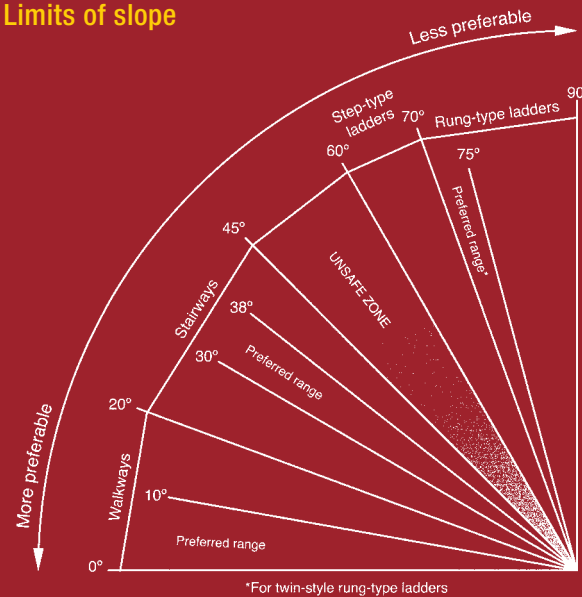
The ideal addition to walkways and platforms, Defender guardrails provide support for workers, preventing falls and avoiding damage to the roof.

Designed and independently tested in our **NATA™-accredited** testing facility, Defender guardrails fully comply with the **National Construction Code, AS 1657, OHS legislation** and **state regulations**.

Walkways and guardrails are preferred by state workplace safety authorities over most other types of fall prevention, like roof anchors, static lines and harnesses. A Defender guardrail means better risk management.

Ensuring a safe work environment requires full compliance to **Australian Standards** and **OHS legislation**. The **AS 1657 Standard** requires that the means of access shall be selected from the following limits of slope, and considered in the hierarchical order given:

Limits of slope



Defender's wide range of equipment includes all the above means of access and the guardrailing to match.

Other **DEFENDER** safety products in the series:

- | | |
|-------------------------|-------------------------------|
| Access Hatches | Staircases |
| Cooling Tower Platforms | Static Lines & Rail Systems |
| Landings & Platforms | Step Type Ladders |
| Roof Anchors | Walkways |
| Rung Ladders | Internal & Suspended Walkways |



AS 1657 Approved

AS 1657 is the Australian Standard for the design, construction and installation of fixed platforms, walkways, guardrails, stairways and ladders. This standard underpins Defender's performance.



ISO 9001 Quality

ISO 9001 is the world's most established quality framework, currently being used by over 750,000 organisations in 161 countries. This standard assures Defender's quality.



NATA™ Accredited Testing

NATA is the authority that provides independent assurance of technical competence through a proven network of best practice industry experts. The criteria for determining a facility's competence are based on the relevant international standard (e.g. ISO/IEC 17025, ISO 15189, ISO/IEC 17020). NATA provides assessment, accreditation and training services to laboratories and technical facilities throughout Australia and internationally.



CodeMark™ – National Construction Code Approved

The CodeMark scheme assures you of compliance with Australia's National Construction Code (formerly the BCA).

Get it done right, first time, for less.
Defender equipment and installation is
extraordinarily cost-effective. Why?
Because smart design shouldn't cost extra.

**CALL US TODAY ON 1300 013 794
TO ARRANGE A VISIT FROM A
CERTIFIED DEFENDER™ INSTALLER**

Guardrails

CERTIFIED INSTALLATION & TESTING

DEFENDER™
Independently certified safety

Quality certified design and installation

Defender guardrails are designed and installed to fully comply with Australia's National Construction Code, ISO 9001 quality and AS 1657 safety standards. They are suitable for all popular roof types.



System design

Defender guardrails are carefully individually configured to suit your site so workers can safely access maintenance points.



Rigorously tested for a robust system

Tested in our **NATA™-accredited** fall prevention laboratory, you can count on Defender's quality, strength and reliability.



Braces for strength and durability

Defender's posts are braced frequently to maintain rigidity and longevity of the system – no less than one brace for every third post.



Fixings to ensure structural integrity

Fixings are installed to ensure structural integrity with extras for redundancy. All steel fixings are galvanized rather than zinc-coated.



Compliant rail spacings

Defender's rails are spaced to prevent people falling between them.



DEFENDER™
Independently certified safety

To order, receive a quote, or for more
information contact us today at:

enquiries@workplacedefender.com.au
or call 1300 013 794

www.workplacedefender.com.au

Certified Defender™ Installer:

**workplace
access&safety®**

the fall prevention specialists

Telephone 1300 552 984
www.workplaceaccess.com.au



**Assured Compliance for
Optimal Safety**

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Defender™ Guardrails

The ideal addition to walkways and platforms, Defender guardrails provide support for workers, preventing falls and avoiding damage to the roof. Designed and independently tested in our **NATA™-accredited** testing facility, Defender guardrails fully comply with the **National Construction**

Code, AS 1657, OHS legislation and state regulations. Walkways and guardrails are preferred by state workplace safety authorities over most other types of fall prevention, like roof anchors, static lines and harnesses.

A Defender guardrail means better risk management. Most importantly, every Defender guardrail system is individually configured to suit your site and the way your people work. The result is strong, reliable equipment that delivers fully compliant access and true safety.

Call 1300 013 794 today to speak to a Certified Defender™ Installer.



A thousand details add up to safe, manageable access across a leak-free roof.

A system designed to protect your workers and suit your site

Defender guardrail systems are designed to protect workers from fall hazards, wherever they need to go on the roof.

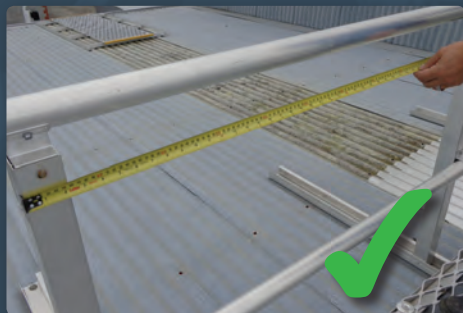


The positioning of guardrails is critical and demands an understanding of each site.



Posts where they are needed to sustain loads

Defender guardrail posts are at correct intervals to sustain loads and never more than two metres.



Guardrail posts spaced too far apart may not support a falling person.



Rails spaced to prevent people falling between them

Defender's rails are spaced correctly to prevent people falling between them.



Watch the gap! Rails that are too far apart are not as effective at capturing a falling person.



Braces – at adequate spacings to maintain rigidity and longevity of the system and free of sharp edges

For rigidity and long-lasting performance, Defender's posts are frequently braced – no less than one brace for every third post. Defender also takes care to ensure the braces are free of sharp edges.



Inadequate bracing can undermine the entire system and sharp edges can make the difference between workers using the system or avoiding it.



Leak-free penetrations

Every time a Defender guardrail is fixed to the roof, it is sealed with silicone above and below the base supports.



Inadequately sealed fixings are a recipe for roof leaks.



Fixings that won't fail

Defender guardrails are secured with positive, galvanised fixings.



Guardrails should never use rivets or Tek screws for primary structural fixings and zinc coating should be avoided.



Toe boards to stop falling objects

Defender guardrails incorporate a 100mm kick board (or toe-board) if the area below is trafficable.



Insufficient depth will allow larger objects and tools to slide off walkways.



Certified and accredited

Defender leaves nothing to chance. But don't just take our word for it: Defender brings the assurance of independently certified safety.

Carrying **StandardsMark™ certification**, Defender access and safety equipment is designed by engineers, tested in a specialised **NATA™-accredited** facility and installed by factory-trained installers.

Defender guardrails fully comply with the **National Construction Code, AS 1657, OHS legislation and state regulations.**

Most importantly, every Defender guardrail is individually built to suit your site and the way your people work.

