

## Defender™ step type ladders ... independently certified safety

The Defender differences add up to step type ladders that are easier and safer to climb, as well as more robust. But don't just take our word for it: Defender brings the assurance of independently certified safety.

Carrying **StandardsMark™** product certification, Defender access and safety equipment is designed by engineers, tested in a **NATA™-accredited** facility and installed by Certified Defender Installers.

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

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

### Quick delivery, minimal disruption

For rapid delivery, Defender step type ladders are stocked in our warehouse in kit form to suit all standard roof and platform profiles. Your Defender step type ladder can be installed with minimal disruption.

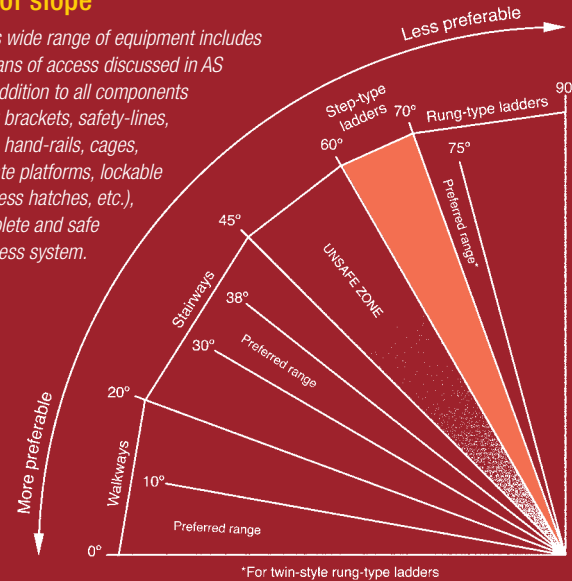
Most importantly, every Defender step type ladder is individually built to suit your site and the way your people work. The result is strong, reliable equipment that delivers fully compliant access and true safety.

### About the AS 1657 Standard

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 means of access discussed in AS 1657, in addition to all components (stabilizing brackets, safety-lines, guardrails, hand-rails, cages, intermediate platforms, lockable gates, access hatches, etc.), for a complete and safe height access system.



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

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



### AS 1657 Approved

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

### ISO 9001 Quality

ISO 9001 is the world's most established quality framework, currently 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 recognises Defender's compliance with the 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™ CONSULTANT**



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

[enquiries@workplacedefender.com.au](mailto:enquiries@workplacedefender.com.au)  
or call 1300 013 794

[www.workplacedefender.com.au](http://www.workplacedefender.com.au)

Certified Defender™ Installer:

**workplace  
access&safety®**  
the fall prevention specialists

Telephone 1300 552 984  
[www.workplaceaccess.com.au](http://www.workplaceaccess.com.au)

# Step Type Ladders

## CERTIFIED INSTALLATION



Independently certified safety

### Quality certified design and installation

Designed and installed for full compliance to ISO 9001 quality and AS 1657 standards.

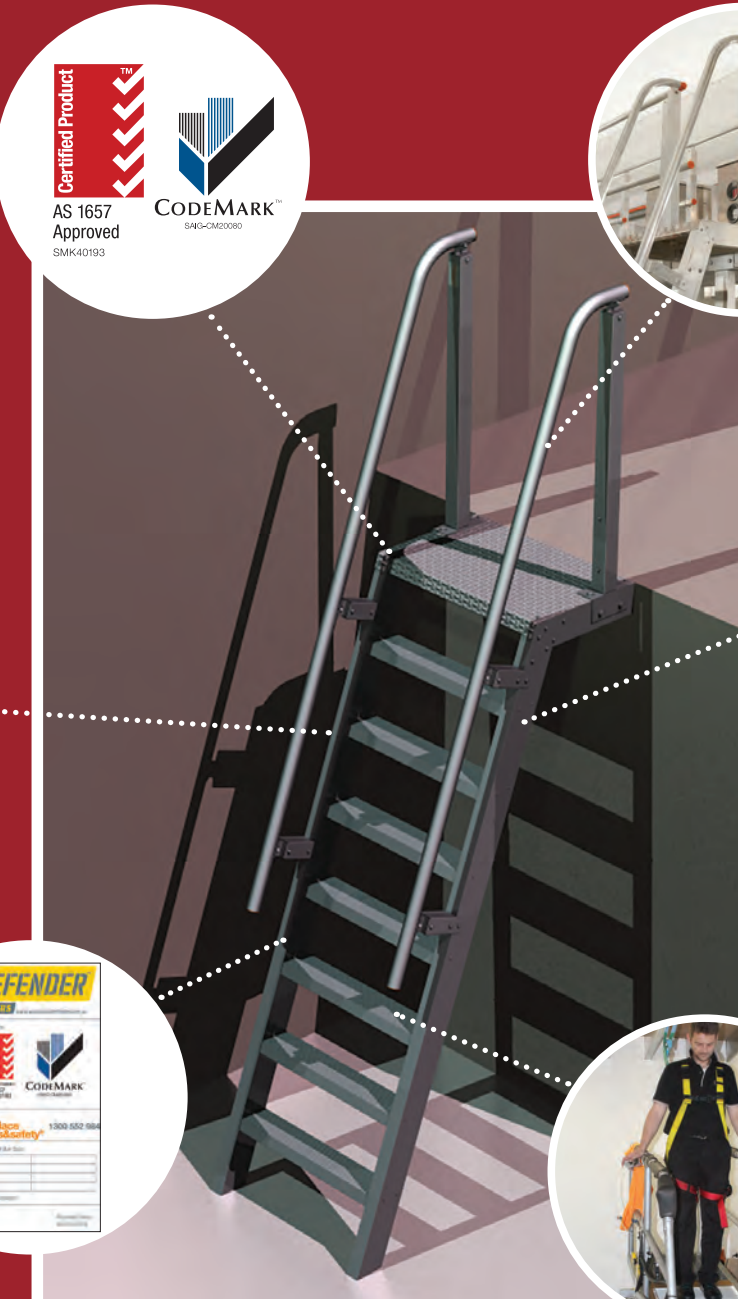
### Rigorously tested for a robust system

Defender step type ladders are tested in a NATA™-accredited laboratory to meet the mandatory tests required for fixing, strength and durability.



### Clearly labelled

All Defender step ladders are clearly labelled to ensure traceability and safety standards compliance.



### Continuous handrail

Landing at the top with a continuous handrail for unimpeded handgrip all the way.



### Engineered for structural integrity

Built with optimally-sized sections to ensure structural integrity and rigidity as required to meet NCC requirements.



### Slip-resistance

Designed and tested for slip-resistance, Defender steps are safe for pedestrians and comply with OHS requirements.

Independently certified safety

[www.workplacedefender.com.au](http://www.workplacedefender.com.au)



Defender™ Step Type Ladders

Ergonomic Defender step ladders maximise comfort, ease of movement and safety. They are designed and independently certified to fully meet the requirements of Australia's

**National Construction Code** (formerly the BCA) and **AS 1657**, ensuring compliance with **Australian Standards**, **OHS legislation** and **state regulations**.

All Defender step ladders are installed by Certified Defender Installers, ensuring the highest standards in quality, reliability and compliance with safety requirements.

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



Bolted not welded

Bolts provide more durable, positive fixings than welds, which can develop hairline cracks over time that lead to unpredictable failures.



Defender ladders are bolted, not welded for extra durability and safety.



A seamless transition to the landing

Seamless transitions between the top landing and the ladder allow users to move naturally, reducing the risk of stumbling and falls.



Defender ladders transition perfectly to the landing, offering users a secure footing.



R10 slip resistance

It's especially important that ladders used outdoors are proven slip resistant for safety.



Defender steps are independently tested in a NATA laboratory to meet the outdoor walkway slip rating of R10 on a wet oil ramp test.



AS 1657 compliant

AS 1657 is the industry benchmark for basic ladder safety.



Defender step ladders pass the seven mandatory ladder tests mandated in AS 1657.



Unimpeded handgrip all the way to the top

Users should never have to let go of the handrail, especially near the top of a ladder where the risk of injury is most severe.

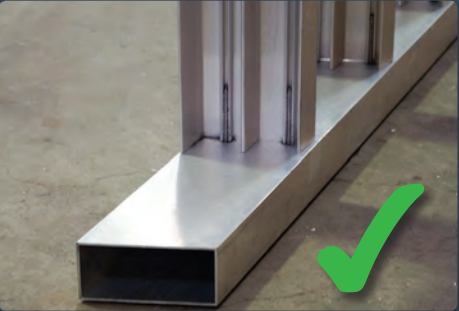


Defender ladders incorporate a landing at the top with a continuous handrail for unimpeded handgrip all the way.



Rigid, strong and NCC compliant

To conform with the National Construction Code, ladder members must be correctly specified.

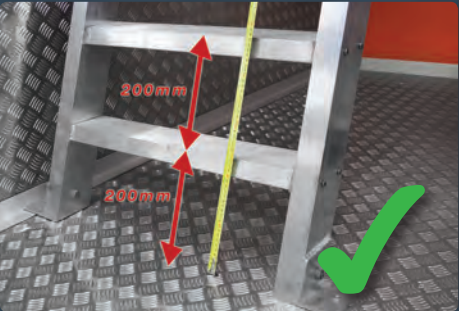


Defender is built with optimally-sized sections to ensure structural integrity and rigidity as required to meet NCC requirements.



Even steps for fewer falls

Even spacings between steps, including the distance from the bottom step to the floor makes it easier for users to find their footing and reduces the risk of a fall.



Every Defender ladder is built to suit your site so that each step users take is even and predictable.



Certified, tested and accredited

Be certain fall prevention equipment is genuinely safe and compliant. Demand the rigour that independent certification and accreditation brings to product specification.

- Defender roof anchors are:**
- > **StandardsMark™** certified to **AS 1657** and **ISO 9001**
  - > Designed and tested in a **NATA™-accredited** fall prevention laboratory.
  - > **CodeMark™** accredited for full compliance to the **National Construction Code**

