

# Step Type Ladders

# DEFENDER™

Independently certified safety

## Defender™ step type ladders

Ergonomic Defender step type 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), **AS 1657**, ensuring compliance with **Australian Standards, OHS legislation** and **state regulations**.

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

## Defender step type ladders are:

- > ISO 9001 **StandardsMark™** Quality Certified
- > **CodeMark™** approved to comply with Australia's National Construction Code
- > R10 slip resistance – steps are independently tested in a **NATA™-accredited** laboratory to meet the outdoor walkway slip rating of R10 on a wet oil ramp test
- > Fully compliant to Australian Standard AS 1657
- > Fully compliant with OHS legislation
- > Ergonomically designed for ease of movement and safety
- > Treads, including the distance from the bottom tread to the landing, are equally spaced for sure footing and reduced risk of falls
- > Strong, reliable, and built to last
- > Never spliced and weld-free for less flex
- > Custom built to meet your site requirements
- > Treads are shaped to maximize foothold as proved in ergonomic research\*
- > Installed by Certified **Defender™** Installers
- > Extraordinarily cost-effective

\*Caple, D, 2012 report



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

## Defender™ ... 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™ certification**, Defender access and safety equipment is designed by engineers, tested in a specialised **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 step type ladder is individually built to suit your site and the way your people work.

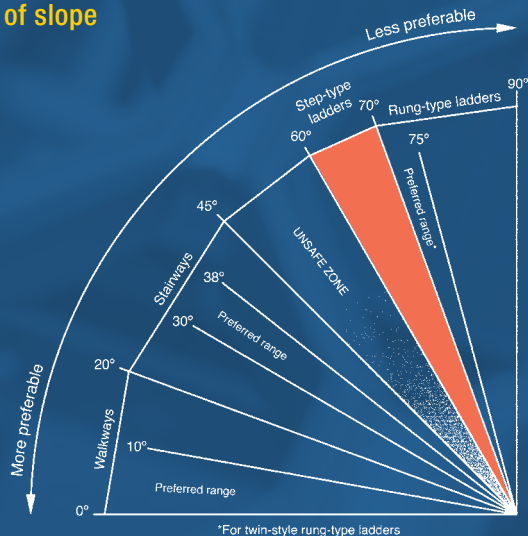
## Defender Step Type Ladders are designed and tested for optimal performance

- > Range includes internal and external step type ladders
- > The complete solution: your Defender step type ladder is matched with a full suite of safety equipment (stabilizing brackets, safety-lines, guardrails, hand-rails, cages, intermediate platforms, lockable gates, access hatches, etc.)
- > Manufactured in an independently ISO 9001 accredited facility to ensure consistently high quality
- > Manufactured from non-corrosive grade 6063 T6 aluminium
- > All steel components are hot-dipped galvanised
- > Stringently tested for weight and strength
- > Sturdy and highly durable
- > Rapid installation with minimal site disruption
- > Optional painting/powder coating to match your site's aesthetics
- > Installed with complete safety fittings
- > Installed by Certified *Defender™* Installers

## 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 (stabilising brackets, safety-lines, guardrails, hand-rails, cages, intermediate platforms, lockable gates, access hatches, etc.), for a complete and safe height access system.



## AS 1657 Approved

AS 1657 is the Australian Standard for the design, construction and installation of fixed platforms, walkways, 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).

## 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 |

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 ONE OF OUR CERTIFIED HEIGHT SAFETY CONSULTANTS**



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)