

## Defender™ landings & platforms

Defender landings & platforms make climbing a long ladder, especially with tools or materials, safe and manageable.

Defender landings & platforms are expertly configured to:

- Offer a place to rest during a demanding climb
- Provide an area for tools and equipment

The Defender differences add up to remarkably robust landings & platforms that are easier and safer to use. 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 landings & platforms fully comply with the **National Construction Code, AS 1657, OHS legislation and state regulations.**

Most importantly, every Defender landing & platform 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.

### 7 year warranty

Defender landings & platforms are incredibly tough. So tough, we back them with a 7-year metropolitan on-site warranty.

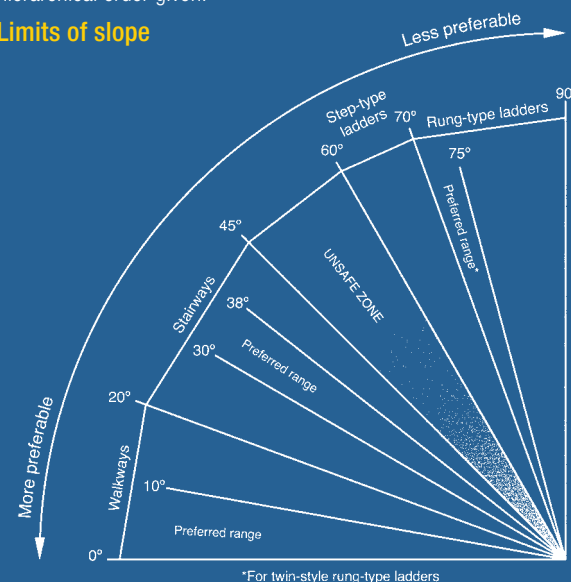
### Quick delivery, minimal disruption

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

### 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 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 being used by over 750,000 organisations in 161 countries. This standard assures Defender's quality.



#### CodeMark™ – National Construction Code Approved

The CodeMark scheme recognises Defender's compliance with the National Construction Code (formerly the BCA).

### Other Specifications Guides in the **DEFENDER** series:

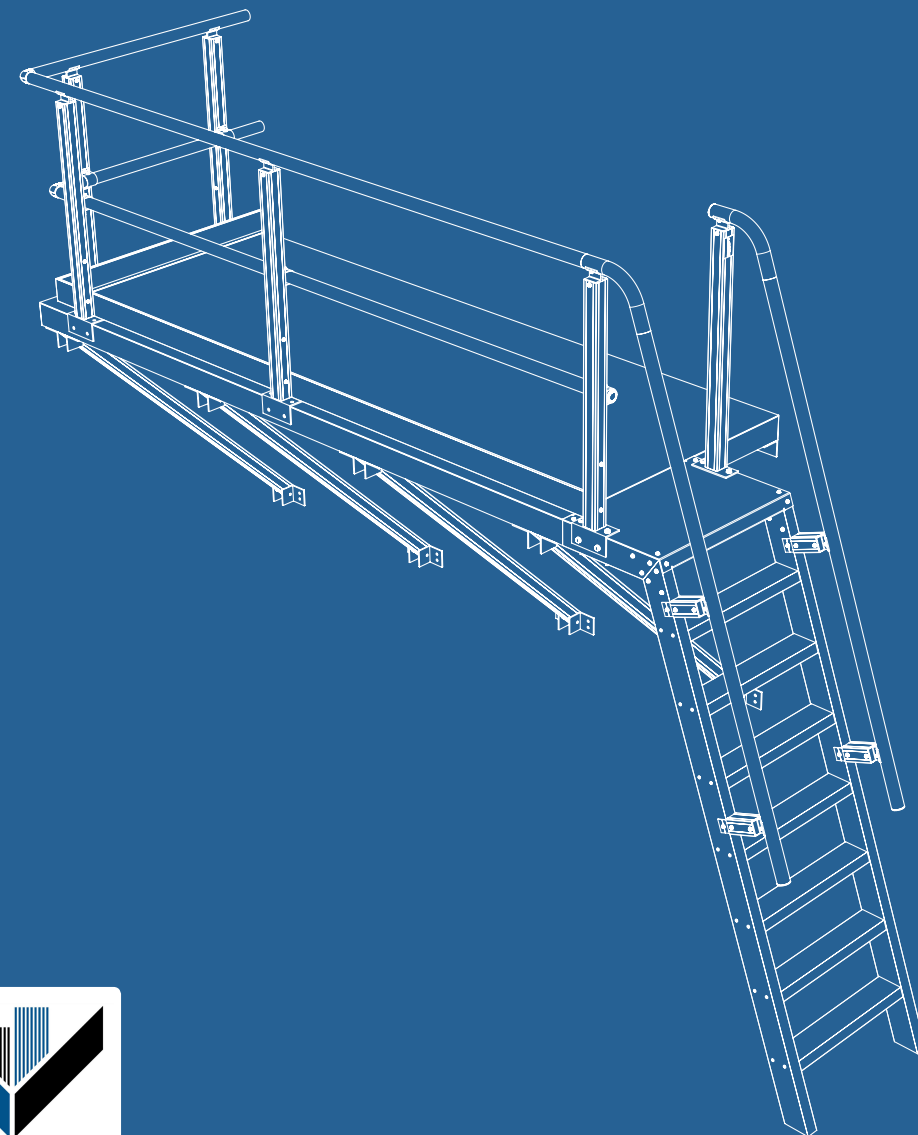
Access Hatches	Staircases
Cooling Tower Platforms	Static Lines & Rail Systems
Guardrails	Step Type Ladders
Roof Anchors	Walkways
Rung Ladders	Internal & Suspended Walkways

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 A  
CERTIFIED DEFENDER™ CONSULTANT**

# Landings & Platforms

## SPECIFICATIONS GUIDE



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)



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## Defender™ landings & platforms

Landings & platforms make climbing a long ladder, especially with tools or materials, safe and manageable. They also allow long ladders to comply with AS1657, which states that landings must be no more than 6 metres apart.

### Defender landings:

- Offer a place to rest during a demanding climb
- Provide an area for tools and equipment

The Defender differences add up to remarkably robust landings & platforms that are easier and safer to use. But don't just take our word for it: Defender brings the assurance of independently certified safety.

The landing & platform should be as possible to the midpoint between the top and bottom of a ladder. And, although size really does matter, a smaller platform in alignment with the ladder is preferable to a side-mounted rest platform because it breaks any falls and provides a space for tools.

### Manufacture and installation specifications:

- > Landings shall be nominally horizontal.
- > Minimum vertical clearance: The vertical clearance above platforms and walkways shall be not less than 2000 mm.
- > Width: The clear width of every landing & platform shall be not less than 600 mm. (See Figure 2.)
- > Vertical distance: The vertical distance between landings shall not exceed 6m.
- > Guardrail to be installed around sides of landing to correct dimensions in compliance with AS 1657. (See Figures 3 & 4.)

### Independent certification

- > Independently certified to Australian Standard AS 1657 by *SAI Global™* and/or equivalent JASANZ accredited certification body.



### Manufacture

- > Manufactured by an independently-audited *StandardsMark™* accredited facility, delivering consistent product with full traceability.



### Documentation and labelling

- > Comprehensive handover documentation allows the system to be properly managed by the workplace controller.
- > Provides all of the user information, layouts and compliance labelling to meet AS 1657 safety requirements.

### Installation

- > Height safety installers demonstrate competency through training delivered by a registered training organisation.
- > Independently accredited installation contractor to install the landings & platforms.

### Safe installation and fabrication

- > Installation by a company independently certified to AS/NZS 4801 Standard for Health and Safety.

### Management Systems

- > Installation performed by organization independently certified to AS/NZS 4801 Standard for Health and Safety Management Systems.

### Environmental accreditation

- > Manufacture and construction to be conducted by an organisation independently certified to satisfy the ISO 14001 Environmental Management System standard recognising the management of primary environmental issues.

### Traceability

- > Mark all access hatches to provide full traceability through to material batches.

### Design

- > System layout and design to be completed by a competent designer.

### Design Certification

- > Issue a design certificate guaranteeing the system meets the requirements of the Code of Practice (Safe Design of Structures 2012).

### Labelling

- > Mark each landing and platform individually with a unique ID number specifying the manufacturer, installer, certifier and next inspection due date on a label that is capable of withstanding at least 12 months of weather exposure. (See Figure 1.)

Figure 1.



Figure 2.

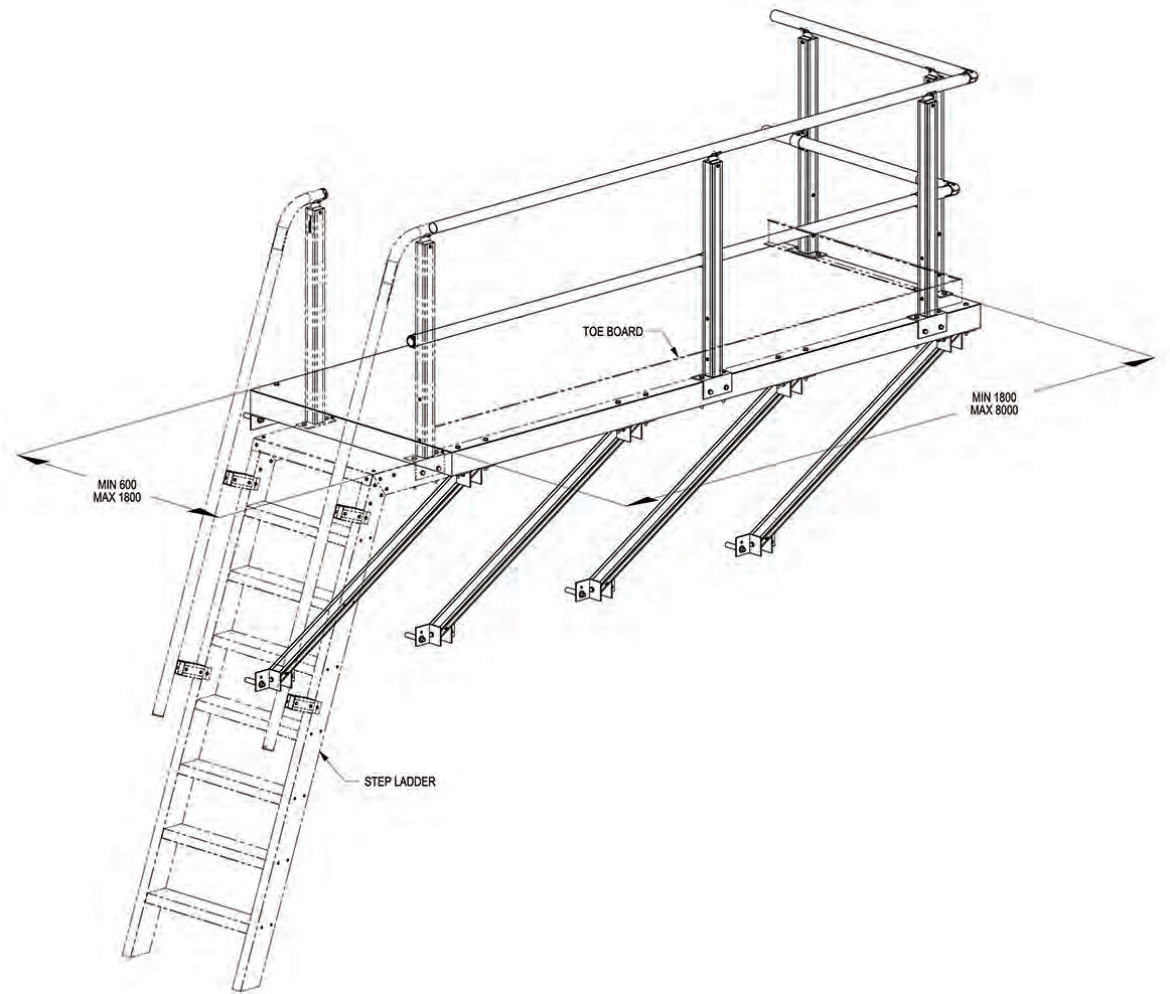


Figure 3.

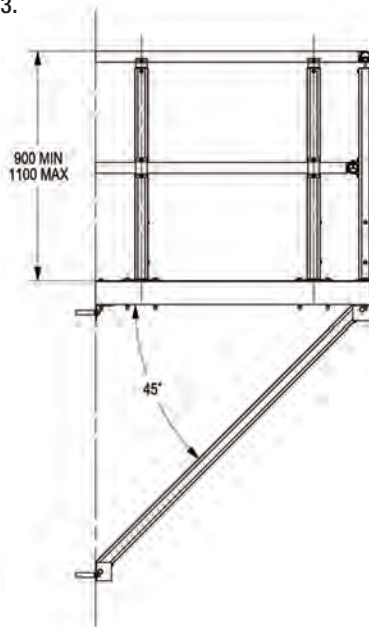
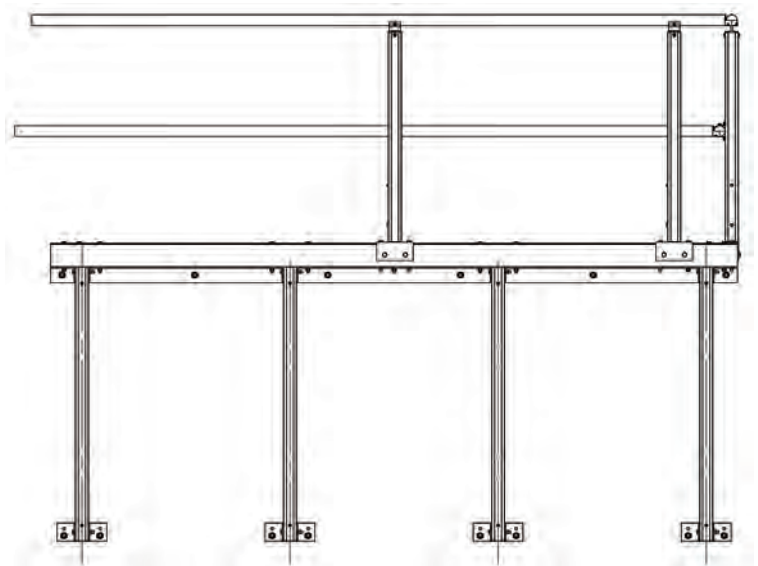


Figure 4.



Recommended designer, manufacturer, installer and certifier:



DRAWN: MGB 18/06/14		TOLERANCES U.N.O.		TITLE: DEFENDER™	
CHECKED: WAS 18/06/14		FABRICATION 0-1000: 1.0		DWG. No. SM-0	
APPROVED: 18/06/14		MACHINING >1000: 2.0		SHEET 1 OF 1	
HOLE POSITION		MACHINE SURFACES			
DO NOT SCALE		ALL DIMENSIONS IN mm			

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