

# STEP LADDERS & BRIDGES

ST570



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Kattsafe step ladders and bridges provide safe and easy access to varying height applications including service platforms, machinery, roof decks and other maintenance areas.



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**Product brochure**  
Step ladders and bridges



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**Installation manual**  
Step ladders and bridges

Find all related products and resources on our website  
[kattsafe.com.au](http://kattsafe.com.au)

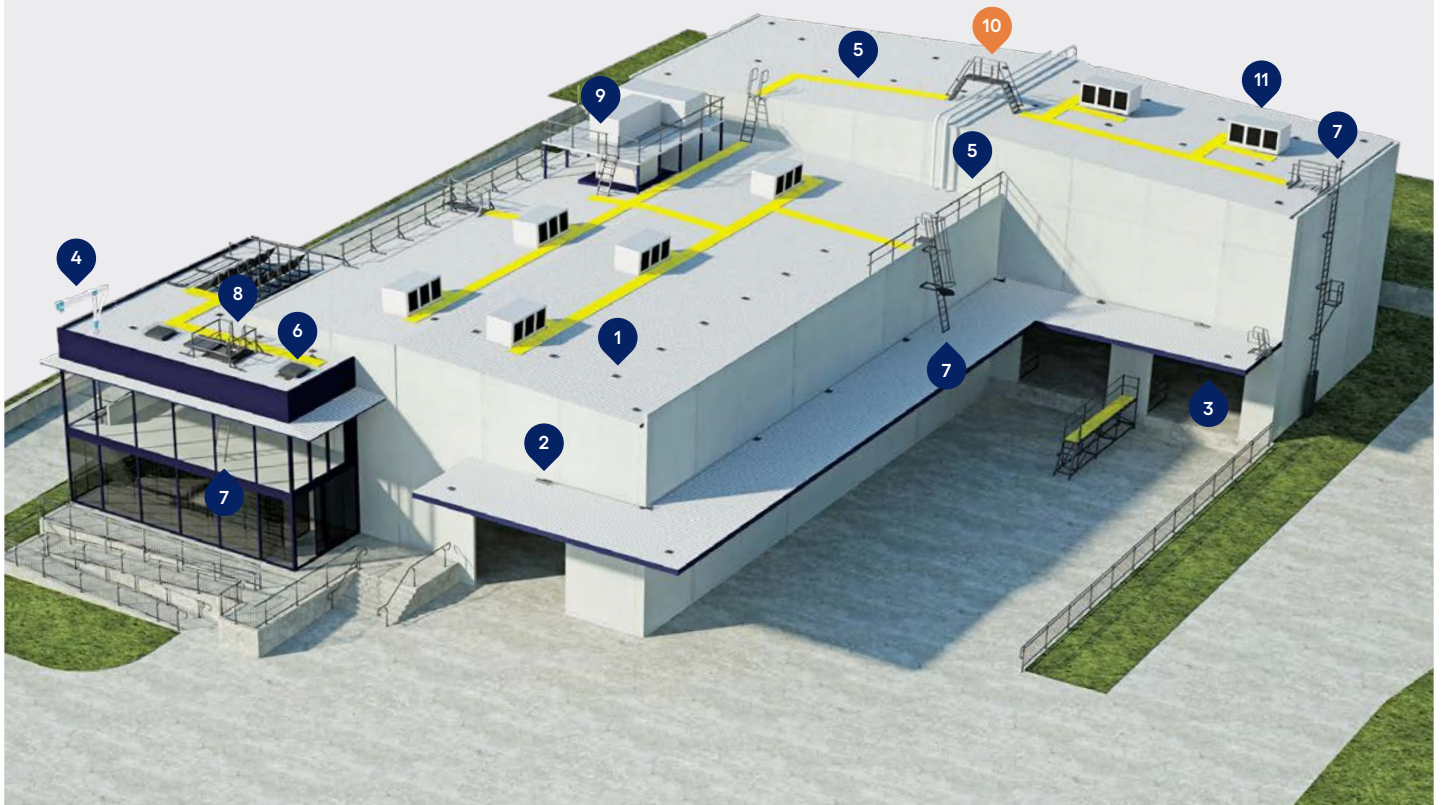
## Commercial building height access and fall protection requirements

Kattsafe leads the industry in the design, installation and management of access and fall protection safety systems.

The in-action model demonstrates access and fall protection requirements for a commercial building design. Kattsafe recommendations fulfill current workplace requirements for the safety of building maintenance subcontractors, employees and the general public.

For more information please contact Kattsafe.  
[kattsafe.com.au](http://kattsafe.com.au)

- 1 Anchor points
- 2 Static lines
- 3 Rigid rail
- 4 Davits and needles
- 5 Guardrail and walkway
- 6 Skylight protectors
- 7 Rung ladders
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- 9 Platforms and stairs
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# STEP LADDERS & BRIDGES

Step ladders and bridges are a lightweight high strength access solution designed to for easy installation with modular components.



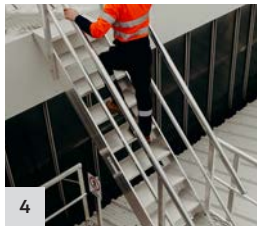
**Modular elbow connector**  
Provides connection of handrails to platform, to suit all stair angles.



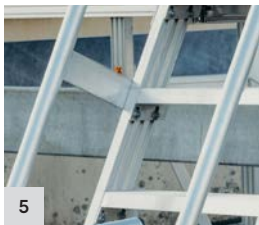
**Platforms**  
Slotted for easy post attachment.



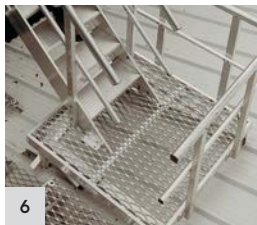
**Handrail module**  
Bolts to side of step ladder, for ultimate user safety.



**Anti slip step tread**  
Designed to increase safety for users.



**Adjustable tread spacing**  
The tread spacing can be adjusted to suit on-site requirements and varying dimensions.



**Base support**  
Easy attachment to varied surfaces.



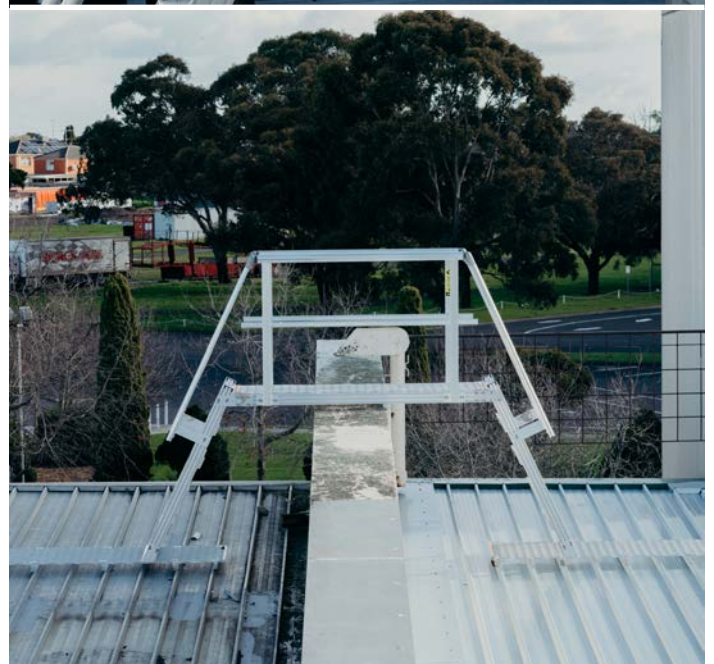
Slip resistance tested to ensure worker safety and easy install with modular components and bolt together technology.

Step ladders and bridges provide safe and easy access to varying heights including roof areas, service platforms and other elevated areas where frequent access is required.

Offering simple installation, Kattsafe step ladders and bridges are Australian made and manufactured in lightweight aluminium. They can be delivered flat packed to site and are designed to conform to Australian & New Zealand Standard AS/NZS1657:2018.

**Features and benefits of the system:**

- High level of safe and easy access
- Slip resistance tested to AS4586:2013
- Lightweight, robust aluminium construction
- Modular design for easy delivery and site assembly



# STEP LADDERS & BRIDGES CONFIGURATIONS

## ST570M Step ladder - internal access

Designed to attach to underside of roof hatch.



## ST574M Step ladder - 600 series platform mount

Designed to mount to a 600 series platform.



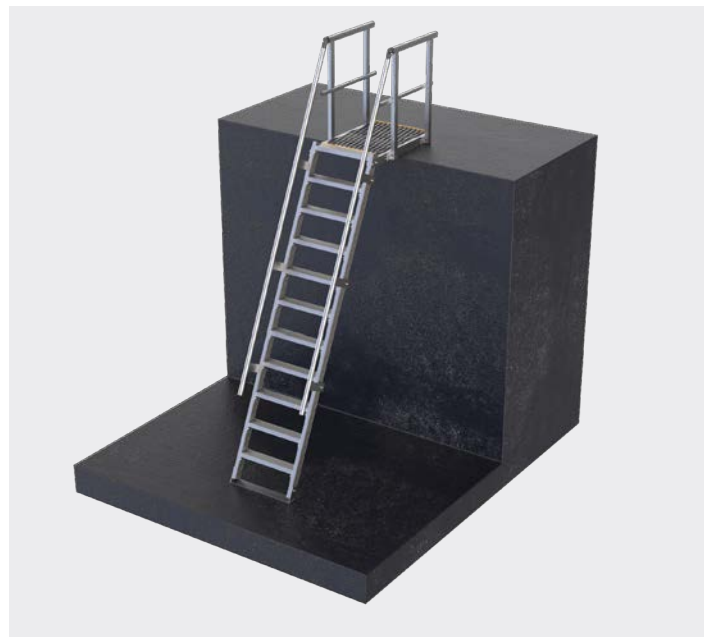
## ST575M Step ladder with 300mm platform

Designed to attach to front face of structure or platform.



## ST580M Step ladder with 900mm platform

Designed to attach to top of roof deck or structure with 900mm platform access.





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### ST582M Step ladder with 2000mm access kit

Designed to attach to top of roof deck or structure with 2000mm platform access.



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### STP Step bridge

- Designed for access over parapets or access obstructions.
- Can be designed using any stair or platform height



## ST570M

Code	Description
ST570M.1000	Step ladder - internal access - 1000mm
ST570M.2000	Step ladder - internal access - 2000mm
ST570M.3000	Step ladder - internal access - 3000mm
ST570M.4000	Step ladder - internal access - 4000mm

## ST572M Step ladder cage - ST570M only

Code	Description
ST572M.1000	Step ladder cage - ST570M only - 1000mm
ST572M.2000	Step ladder cage - ST570M only - 2000mm
ST572M.3000	Step ladder cage - ST570M only - 3000mm
ST572M.4000	Step ladder cage - ST570M only - 4000mm
ST572M.5000	Step ladder cage - ST570M only - 5000mm

## ST574M

Code	Description
ST574M.1000	Step Ladder - 600 series platform mount - 1000mm
ST574M.2000	Step Ladder - 600 series platform mount - 2000mm
ST574M.3000	Step Ladder - 600 series platform mount - 3000mm
ST574M.4000	Step Ladder - 600 series platform mount - 4000mm
ST574M.5000	Step Ladder - 600 series platform mount - 5000mm

## ST575M

Code	Description
ST575M.1000	Step ladder with 300mm platform - 1000mm
ST575M.2000	Step ladder with 300mm platform - 2000mm
ST575M.3000	Step ladder with 300mm platform - 3000mm
ST575M.4000	Step ladder with 300mm platform - 4000mm
ST575M.5000	Step ladder with 300mm platform - 5000mm



## ST580M

Code	Description
ST580M.1000	Step ladder with 900mm platform - 1000mm
ST580M.2000	Step ladder with 900mm platform - 2000mm
ST580M.3000	Step ladder with 900mm platform - 3000mm
ST580M.4000	Step ladder with 900mm platform - 4000mm
ST580M.5000	Step ladder with 900mm platform - 5000mm

## ST582M

Code	Description
ST582M.1000	Step ladder with 2000mm access kit - 1000mm
ST582M.2000	Step ladder with 2000mm access kit - 2000mm
ST582M.3000	Step ladder with 2000mm access kit - 3000mm
ST582M.4000	Step ladder with 2000mm access kit - 4000mm
ST582M.5000	Step ladder with 2000mm access kit - 5000mm

## ST577M Step ladder cage

Code	Description
ST577M.1000	Step ladder cage - 1000mm
ST577M.2000	Step ladder cage - 2000mm
ST577M.3000	Step ladder cage - 3000mm
ST577M.4000	Step ladder cage - 4000mm
ST577M.5000	Step ladder cage - 5000mm

# STEP BRIDGE CODE CALCULATOR


Use the below table to find the correct code for the step bridge you need.

For example, a step bridge consisting of:

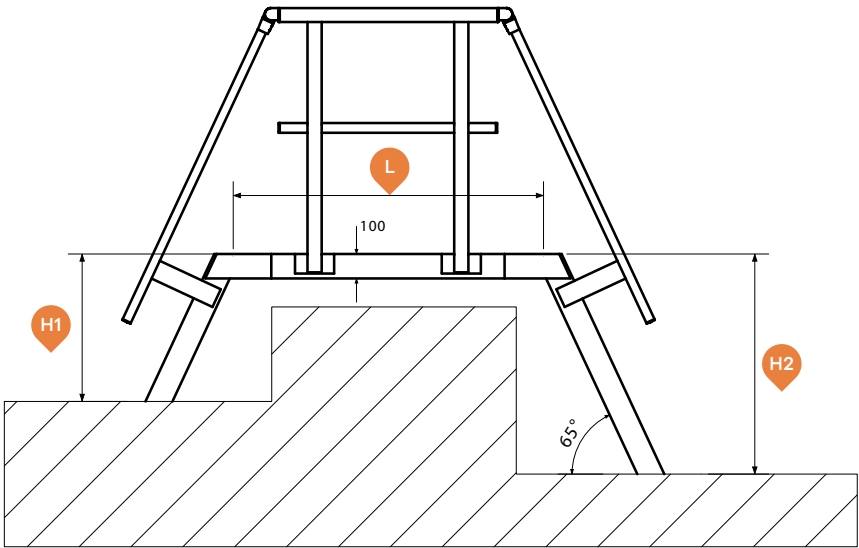
- 900mm platform length (L)
- 300mm step ladder height (H1)
- 900mm step ladder height (H2)

The formula for this option will be: (L) + (H1) + (H2)

The code for this option will be: STP9 + .300 + .900 = STP9.300.900

 Always add an additional 200mm to your vertical height measurement to allow for 100mm platform thickness and 100mm clearance above structure. After a certain height, step bridges will require a structural stabiliser connection to the under side of the platform.

 A fall protection cage is recommended above 3.5m.



L: Platform length (mm)	Code
900	STP9
1200	STP12
1500	STP15
1800	STP18

H1: Step ladder height (mm)	Code
300	.300
600	.600
900	.900
1200	.1200
1500	.1500
1800	.1800
2000	.2000
3000	.3000
4000	.4000
5000	.5000
6000	.6000

H2: Step ladder height (mm)	Code
300	.300
600	.600
900	.900
1200	.1200
1500	.1500
1800	.1800
2000	.2000
3000	.3000
4000	.4000
5000	.5000
6000	.6000

# LADDER COMPONENTS

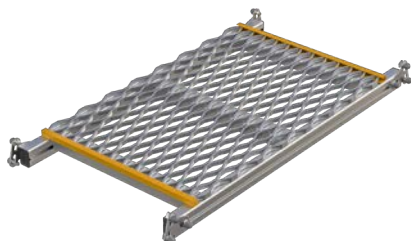
Extrusion



Handrail



Platform



Stair tread



Elbow connector



Base support

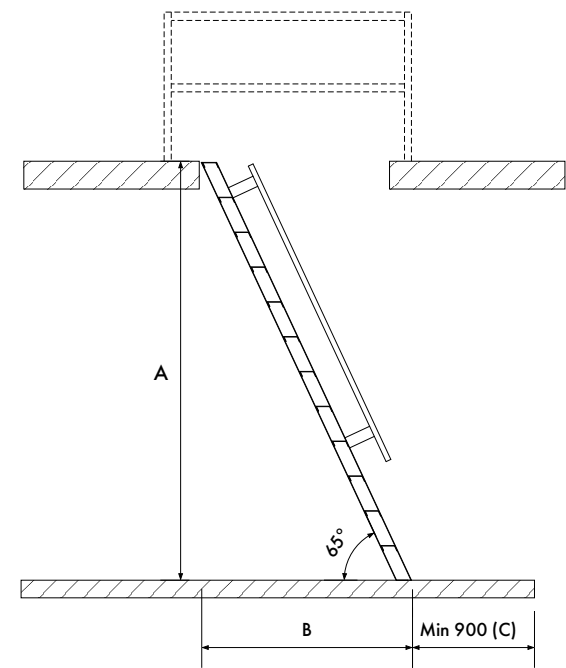


Step ladder cage



# STEP LADDER DIMENSIONS

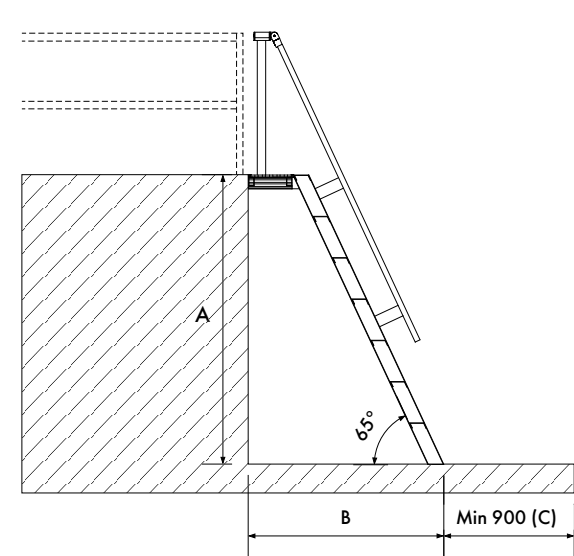
## ST570M



Footprint table

A	B	C	B&C
1000	620	900	1520
2000	1080	900	1980
3000	1550	900	2450
4000	2020	900	2920
5000	2490	900	3390
6000	2960	900	3860

## ST575M

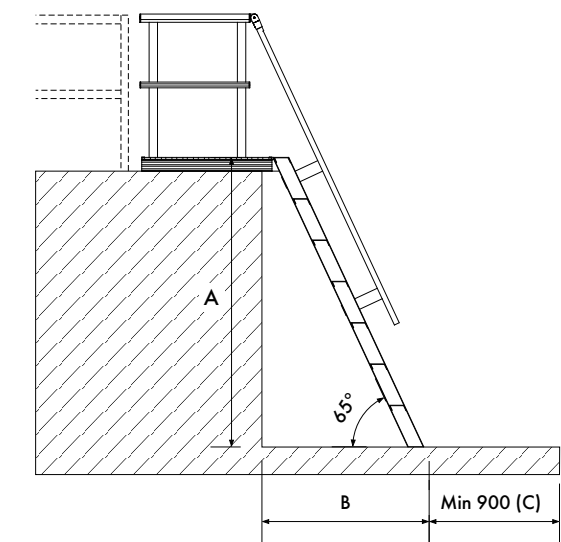


Footprint table

A	B	C	B&C
1000	920	900	1520
2000	1380	900	1980
3000	1850	900	2450
4000	2320	900	2920
5000	2790	900	3390
6000	3260	900	3860



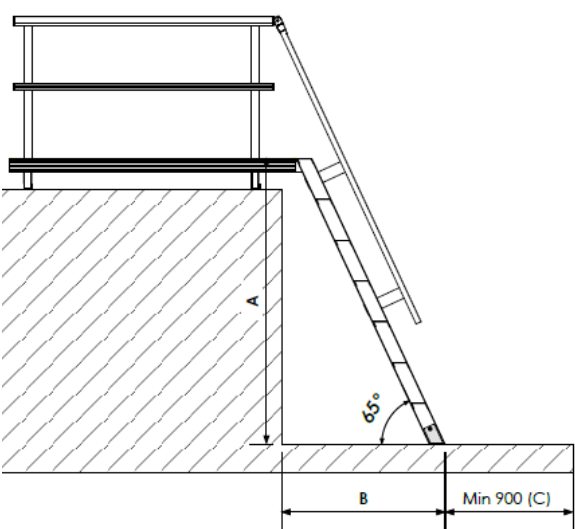
ST580M



Footprint table

A	B	C	B&C
1000	620	900	1820
2000	1080	900	2280
3000	1550	900	2750
4000	2020	900	3220
5000	2490	900	3690
6000	2960	900	4160

ST582M



Footprint table

A	B	C	B&C
1000	620	900	1820
2000	1080	900	2280
3000	1550	900	2750
4000	2020	900	3220
5000	2490	900	3690
6000	2960	900	4160

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# TECHNICAL SPECIFICATION

## Step ladders and bridges

### ST570

Kattsafe step ladders and bridges provides access to equipment enabling personnel to carry out maintenance tasks safely and easily. System design, supply, layout, installation and certification by a Kattsafe approved installer, as per the manufacturer's installation instructions and current standards.

#### Materials

All components and accessories manufactured from high grade structural aluminium with options for powder coating.

#### Dimensions

- Maximum height: 5.0m
- Overall ladder width: 650mm
- Distance between stiles: 560mm
- Step size: 600mm (L) x 100mm (W) x 38mm (H)
- Step spacing: up to 300mm
- Stile extension above landing surface: 1000mm
- Minimum clearance behind ladder: 150mm
- Angle of slope: 65°

#### Fixings (refer to installation manual)

- Steel purlin (min 2.0mm): M10 S/S bolt or M8 toggle bolt or 14G Tek screw
- Steel structure: M10 S/S bolts
- Concrete (min 25MPa): M10 tru-bolt or M8 screw bolt
- Brick / M8 Screw bolt
- Composite panel: M10 through bolt or M8 toggle bolts

#### Rating

- Recommended for single person use – 150kg rated.
- Industrial rated, suited to high frequency usage.
- Support structure integrity, suitability and fixing method to be assessed and determined by a engineer unless it is clear to a competent person prior to installation.

#### Compliance

Kattsafe's step ladders and bridges are designed to comply with requirements of Australian Standard AS1657:2018 and relevant statutory WHS Codes of Practice/Guidelines. Slip resistance testing to AS4586:2013 (Rating - R11).

#### Testing

Testing and performance based on requirements of Australian Standard AS1657:2018

#### Product warranty

10 Years from date of purchase subject to correct installation. Use and maintenance to be in accordance with manufacturer's specifications and recommendations. (This excludes wearing parts).

#### Inspection and maintenance

- Inspection and certification required every 12 months by competent person in accordance with manufacturer's specifications and requirements of Australian Standards AS1657:2018 and AS/NZS 1891.4:2009 Section (9).

#### Important note

Failure to supply and/or install proprietary product in accordance with above standards and codes, specifications and instructions voids complete system certification and/or warranty.

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# WARRANTY INFORMATION

Warranty period on this system:  
10 years from date of purchase

**Should you have a warranty claim as a result of a defect the following procedure must be followed:**

Identify the following information:

- The product/system name and code number.
- The date of purchase/installation.
- Installation company details.
- The installation identification number.
- The name of the company using this system.
- A description of the defect/warranty claim.
- The periodic system maintenance report.

Forward the above information to [sales@kattsafe.com.au](mailto:sales@kattsafe.com.au) or contact technical helpline, 1300 301 755.

## Terms and conditions

All warranty claims must be made in writing within 14 days of the appearance of the defect.

Incorrect installation or work done by a non accredited Kattsafe system installer will void all warranty rights.

Systems that have been installed using non proprietary equipment will void all warranties.

System roof/cladding and concrete penetration seals are not covered in this warranty.

Systems/components that have not been maintained in accordance with manufacturer's/legislative requirements will void warranty.

Systems used by incompetent persons or use with non compatible accessories ie. harness gear, lanyards, travellers, fall arrestors etc. will void warranty.

Systems/components used for purposes other than their intended use will void warranty.

General wear and tear is expected and will depend on the frequency of use and is not covered by warranty.



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**Product brochure**  
Step ladders and bridges



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**Installation manual**  
Step ladders and bridges



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**QMS Certification**  
ISO 9001:2015

Find all related products and resources on our website.  
[kattsafe.com.au](https://kattsafe.com.au)

# Kattsafe

Height access  
and fall protection

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