Kattsafe Height access and fall protection

INSTALLATION MANUAL

STEP LADDERS & BRIDGES

ST570

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

Product brochure
Step ladders and bridges

Installation manual
Step ladders and bridges

Find all related products and resources on our website kattsafe.com.au

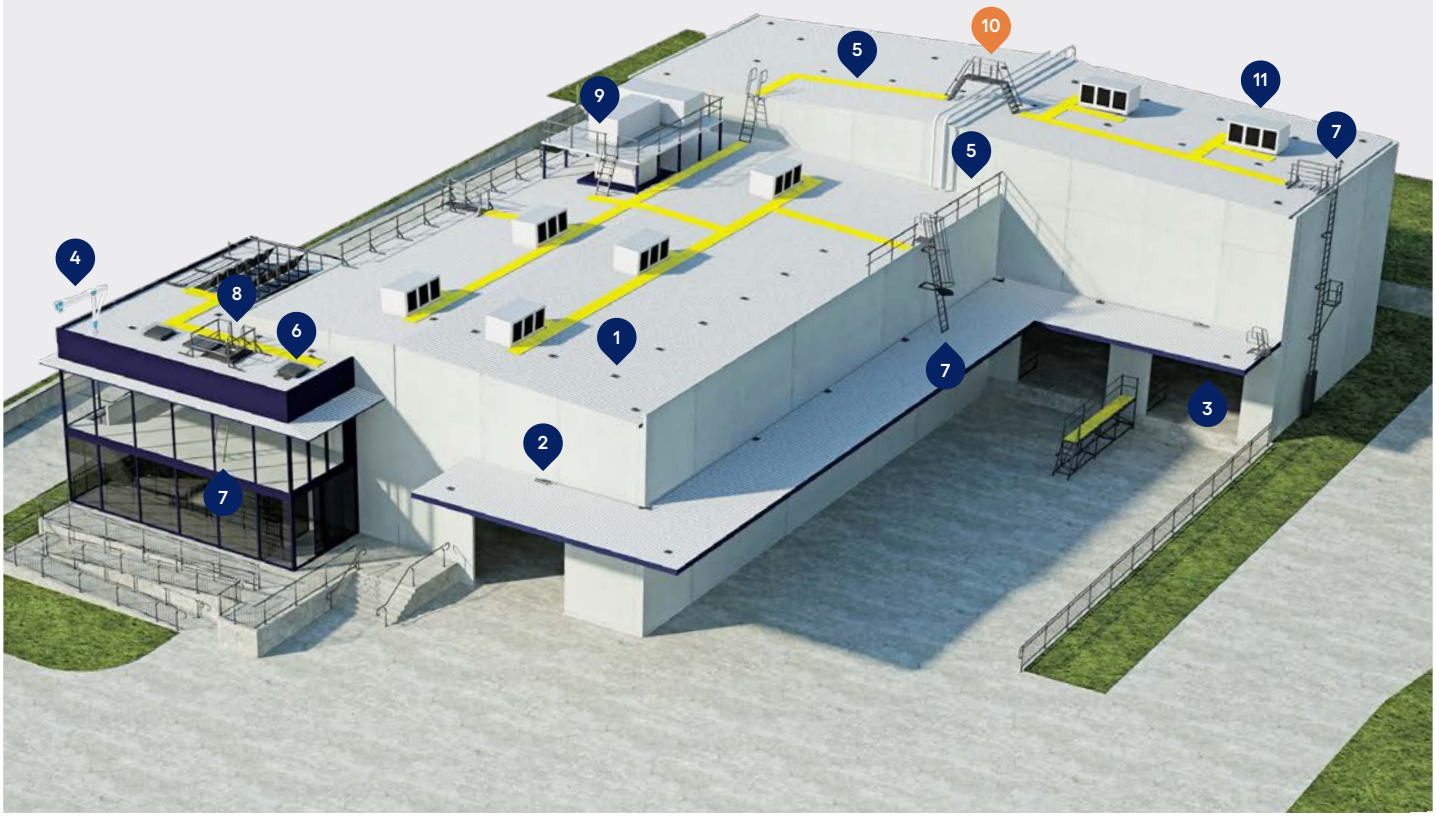
Commercial building height access and fall protection requirements

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

1 Anchor points
2 Static lines
3 Rigid rail
4 Davits and needles
5 Guardrail and walkway
6 Skylight protectors
7 Rung ladders
8 Access hatches
9 Platforms and stairs
10 Step ladders
11 HVAC platforms



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.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

ST582M Step ladder with 2000mm access kit

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

STP Step bridge

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

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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:

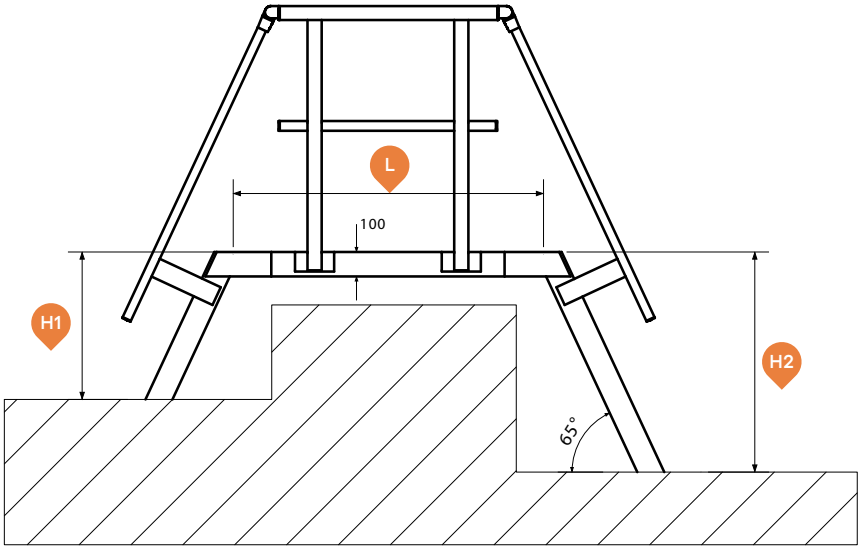
- 900mm platform length (L)
- 300mm step ladder height (H1)
- 900mm step ladder height (H2)

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

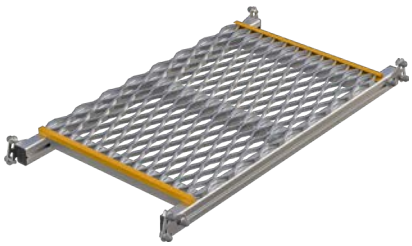
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

LADDER COMPONENTS

Extrusion

Handrail

Platform



Stair tread

Elbow connector

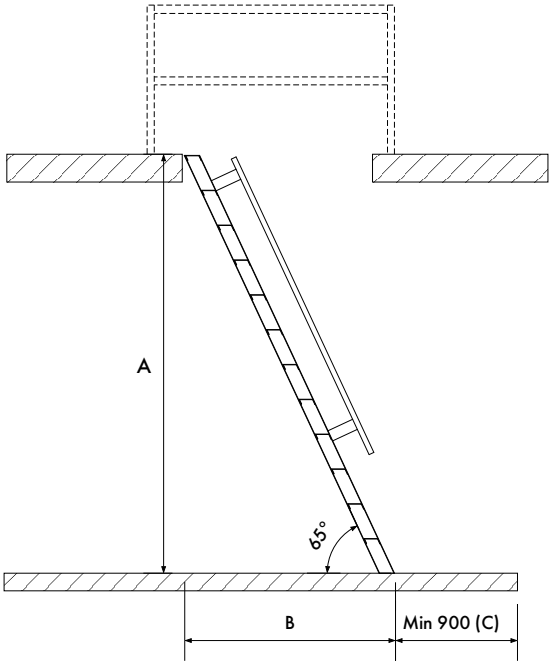
Base support

Step ladder cage

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

STEP LADDER DIMENSIONS

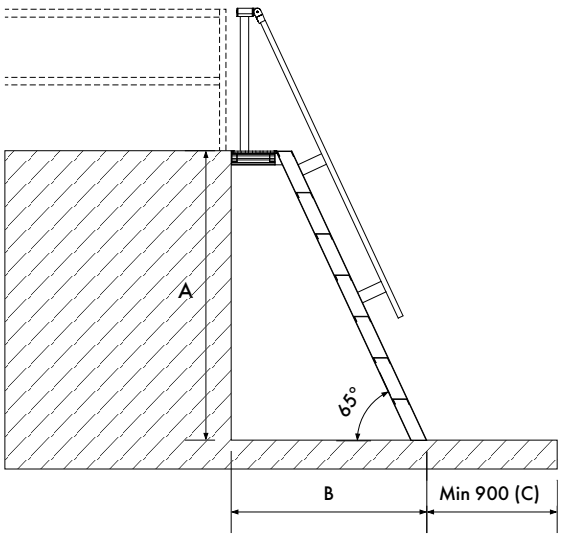
ST570M



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

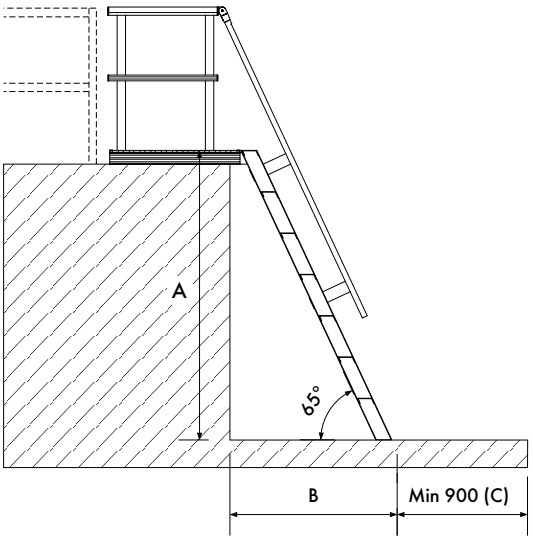


Footprint table

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

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

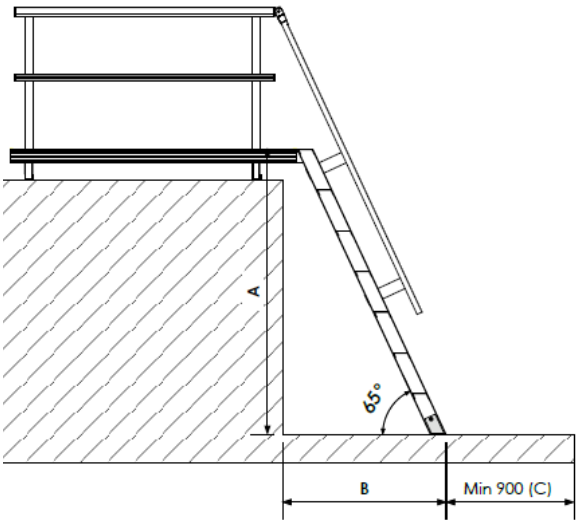
ST580M



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

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

TOOLS AND EQUIPMENT

Cordless drill

8mm metal drill bit

5/16 nut setter

Drop saw

Pitch meter

13mm spanner

Tape measure

Marking pen

Spirit level

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

INSTALLATION REQUIREMENTS

Must be read prior to installation

1. This system must only be installed by competent persons trained in the selection, use and maintenance of access systems who hold a current Kattsafe approved installer certificate.
2. Persons installing this system are required to have a comprehensive knowledge of the Australian Standards, codes of practice and industry guidelines that relate to the selection, use and maintenance of access and fall protection systems and equipment.
3. Integrity and suitability of the structure to which this system is attached must be approved by a structural engineer unless it is clear to a competent person as to the suitability of connection to structure.
4. Read installation instructions carefully before commencing any work. Consent to deviate from the installation guide must be obtained in writing from the manufacturer.
5. Conduct an initial work/risk assessment, and take all reasonable precautions to eliminate or control potential hazards and risks during the installation of this product.
6. Complete all necessary OHS documentation, including a Job Safety Analysis and Work Method Statement and obtain consent from responsible person in workplace prior to commencement of work.
7. Installers must be authorised and accredited by Kattsafe and possess valid industry licenses, be appropriately trained, and comply with all relevant OHS legislation prior to installation of this product.
8. Do not modify or remove any element of the support structure without prior authorisation by a qualified engineer.
9. Decorative coatings and coverings must be removed to ensure correct evaluation of structure prior to attachment of system.
10. Any re-routing of electrical and/or other services must be carried out by qualified or authorised personnel.
11. Appropriate temporary access and safety equipment must be used during installation, such as platform ladders or scaffolding and fall protection anchorage points.
12. In case of emergency, access and fall protection systems must be installed by a minimum of two persons.
13. Do not tamper with, modify or remove any part this system unless authorised by the manufacturer in writing.
14. Appropriate labels or markings must be attached to each system and include the following:
    - System for personnel use only
    - Service entry date
    - Next examination/service due date
    - Maximum designed load ratings
    - Installer/Certifier contact details

Documentation confirming correct use and maintenance of the system and equipment must be provided to the workplace manager on completion of installation.

Kattsafe instructions and recommendations, drawings and diagrams, and all other documentation are copyright, errors and omissions excepted, and must be carefully read and implemented. Any assistance or guidance given is without prejudice, and Kattsafe cannot be held responsible for any inaccuracy or misinterpretation whatever. Failure to follow site installation requirements and warnings, may result in serious injury or death.

Kattsafe accepts no direct or indirect responsibility and/or consequential liability whatever, for any products and systems incorrectly installed or certified. Kattsafe cannot warrant the integrity or suitability of the structure to which the products may be attached. Prior assessment must be made by a qualified structural engineer, unless the structure is authorised or approved by a competent person.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

SYSTEM LIMITATIONS

Must be read prior to installation

1. Minimum structural requirements for attachment of step ladders and bridges:
   - Steel purlin 100 x 1.5mm base metal thickness
   - Timber batten 70 x 35 F7 structural grade
   - Composite panel 75mm attached using through bolt system
2. Step ladders and bridges are for single person use only rated to 150kg.
3. The preferred slope of step ladders is 65°. For ladders positioned at greater than 65° it is recommended that ladder cages be provided for additional access fall protection.
4. Where it is possible to fall more than 6m, a cage should be installed to provide fall protection.
5. Step ladders and bridges cannot be submerged in saline or any acidic liquids.
6. Ladder landings must be provided at the base and top of ladders and bridges if entry and exit surface is uneven or not level.
7. This system, under normal use and environment, has a life expectancy of up to 10 years. A manufacturer's assessment and certification to confirm suitability for an additional 5 years use is recommended. This will depend on location, usage and scheduled maintenance as per manufacturer and legislative requirements.
8. Do not tamper with or make alterations to system components without manufacturer's consent.
9. This system is not to be used for tethering or lifting machinery or equipment.
10. The access system must be recertified by a competent height safety inspector as recommended:
    - Non corrosive/mild environment – 12 monthly
    - Corrosive/harsh environment – 6 monthly (more frequent inspection may be required).

Kattsafe recommends that persons using fall arrest systems do not work alone in case of an emergency and help is required.

Should any part of the system/equipment have been subjected to abnormal loading, use must be discontinued until replaced/recertified by a competent height safety inspector.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

DESIGN & LAYOUT

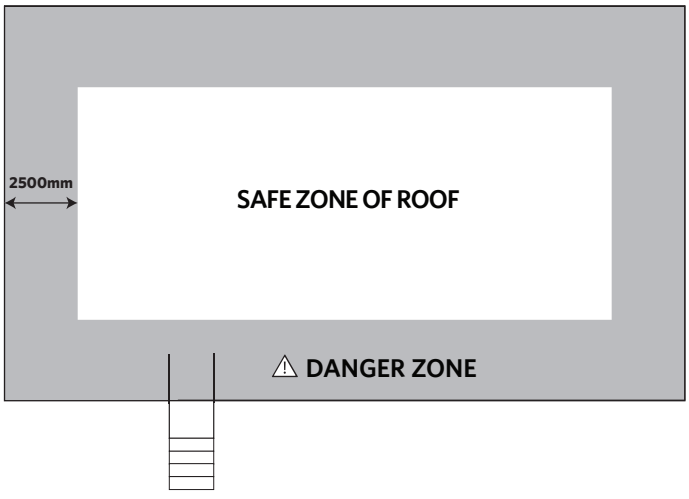
Must be read prior to installation

1. The hierarchy of risk control must be followed at all times.

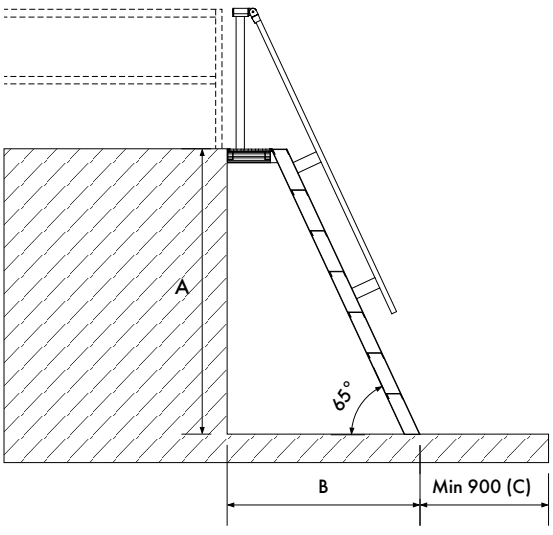
   It is important to note that the lower the hierarchy of control, the greater the skill of the operator required and therefore is least preferred compared with a higher hierarchy requiring minimal operator skill and less risk of operator injury as a result of incompetence.

2. Professional guidance on the design and set out of this system should be obtained prior to installation.
3. Certain environments produce acidic atmospheric conditions which are detrimental to steel structures and concrete surfaces. Any acidic environment must be assessed and structural components certified by a competent person prior to installation of this system.
4. For ladders and step bridges used frequently and above 3500mm cage fall protection is recommended.
5. Maintenance requiring additional equipment to be lifted onto roof may require a materials hoist/crane.
6. A fixed ladder system is recommended for access between roof levels rather than using a portable ladder.
7. Ladders should always be positioned in the safe zone of the roof, minimum 2500mm away from the fall edge.
8. Safe access and suitable fall protection by means of guardrails must be provided when exiting the top of the ladder.
9. Exit guardrails at the top of any ladder should extend at least 2000mm onto the roof.
10. When accessing any multi storey building it is recommended to use fold down ladders with roof access hatches providing access onto roof from inside the building.

This document does not in any way replace the full Australian Standard document AS/NZS 1891 & AS/NZS 4488 which must be read and properly and understood prior to installation of this system.



Position ladder to exit onto safe zone of roof at least 2500mm from a fall edge.



Exit guardrails and cage fall protection are recommended on any ladder above 3500mm.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

AUSTRALIAN STANDARDS SUMMARY

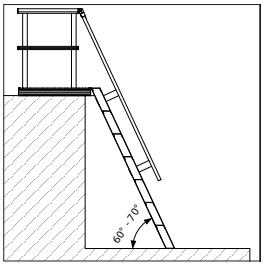


Figure 1

ST500 65° angle,
(Australian Standards 60° - 70°).

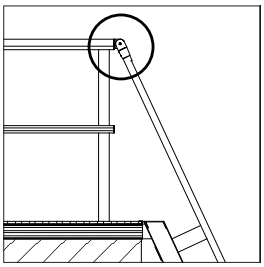


Figure 2

Step ladder handrails to have smooth transition into platform handrails.

Note: If smooth transition not possible a max gap of 100mm permissible.

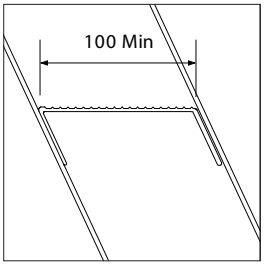


Figure 3

Step ladder tread to be 100mm wide minimum and include slip resistant surface.

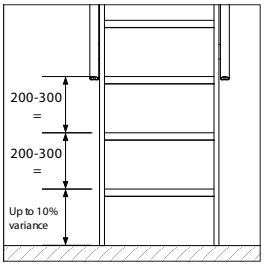


Figure 4

Stair treads to be equally spaced not less than 200mm or greater than 300mm.

Distance from landing to first rung may vary by up to 10%.

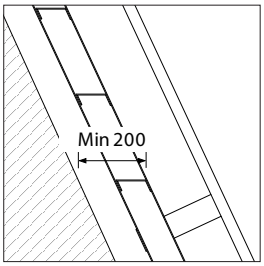


Figure 5

Minimum clearance from nose of tread to any permanent object to be not less than 200mm.

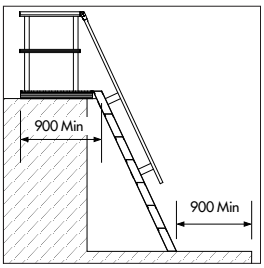


Figure 6

The minimum length of the landing shall be 900mm.

Every access landing shall provide standing space of not less than 600mm clear of cross-traffic, door swing or any other structure.

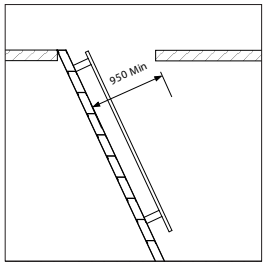


Figure 7

Step ladder clearance through an opening from nose of tread.

60°: 1000mm min

65°: 950mm min

70°: 900mm min

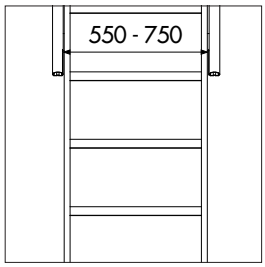


Figure 8

Clearance between handrails:

Min: 550mm

Max: 750mm

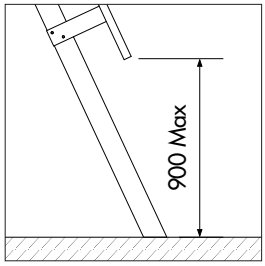


Figure 9

Step ladder handrails must terminate 900mm or less above landing surface.

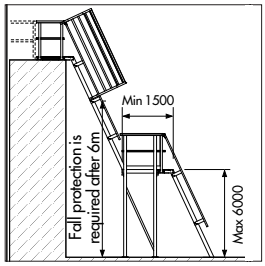


Figure 10

Step ladder above 6000mm to have change in direction landing and to be fitted with ladder fall protection.

Landing must be min 1500mm long.

Figure 11

Durable warning signs to be attached clearly stating ladder installation and certification details.

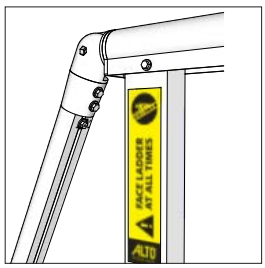


Figure 12

Durable warning signs to be attached clearly stating that user shall face ladder when descending.

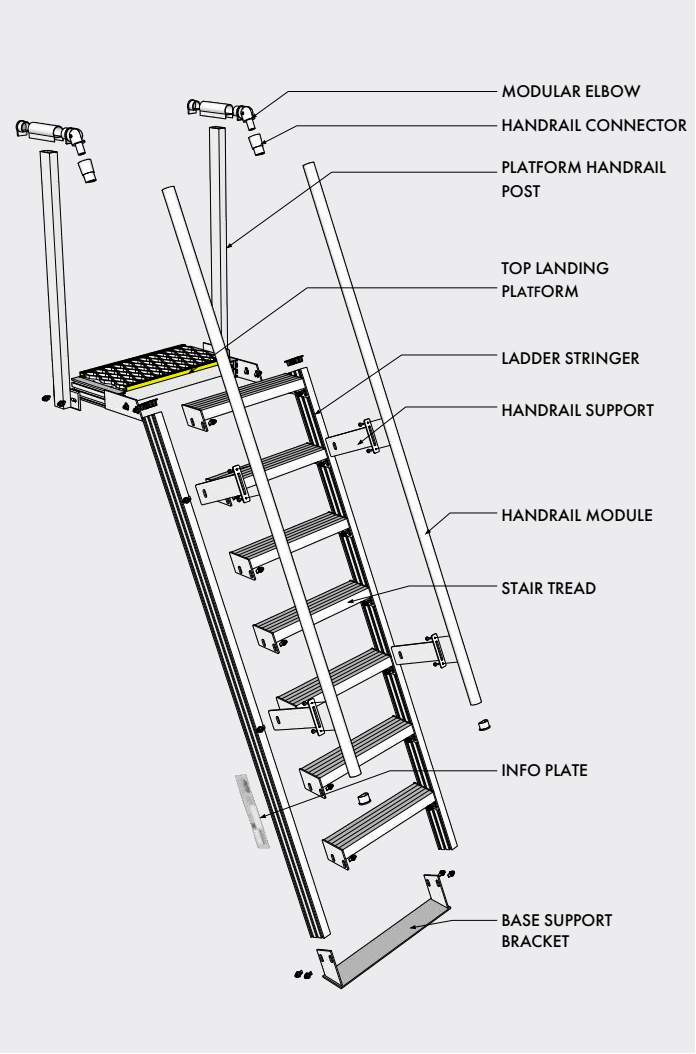
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

STEP LADDER INSTALLATION PROCEDURE

Step 1

- Prior to installation, check the condition of the structure to which the ladder is to be attached and ensure suitability.
- Check the structure height and ensure the ladder has been correctly configured to suit.
- The installation checklist will assist with critical assessment criteria.

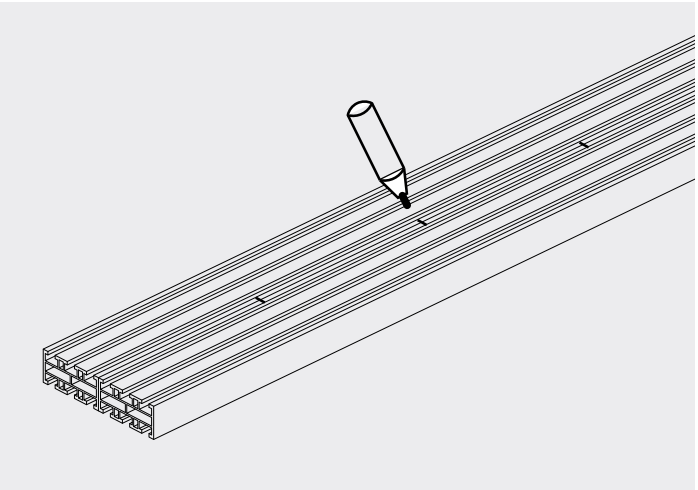
Do not proceed with installation of this system if any of the checking criteria does not meet the required standards. Seek advice from the manufacturer regarding other options.



Step 2

- Measure vertical height taking into consideration the fall/pitch of roof and footprint space. Scan QR code to access interactive spacing calculator.
- Using the calculator, measure the stringer and cut to size. Mark out tread spacing on both stringer sections.

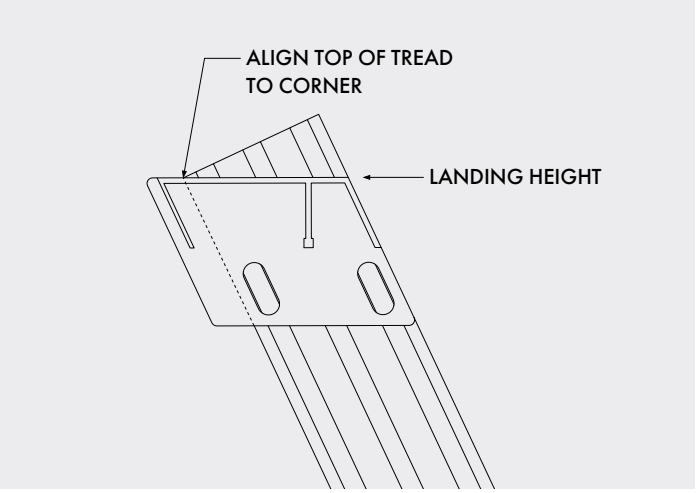
Interactive tread spacing calculator



Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

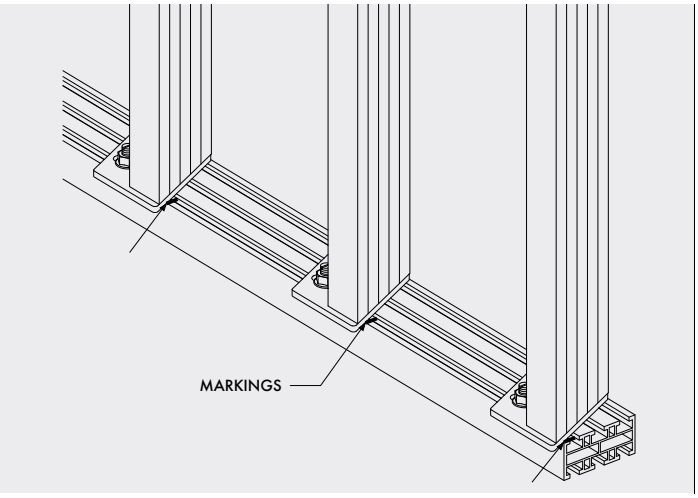
Step 3

Once tread spacing marked out on both stringer sections, starting at the top tread, align the top tread with the back of the stringer.



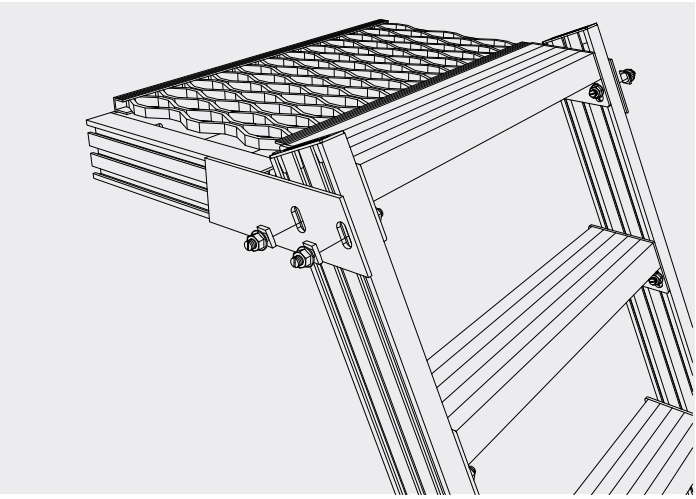
Step 4

Position the top of each tread with the markings, securing all threads to one side of the stringer. Flip over and secure other side.



Step 5

Position landing platform level with the top step and connect into ladder stile using 4 x M10 t-bolts.

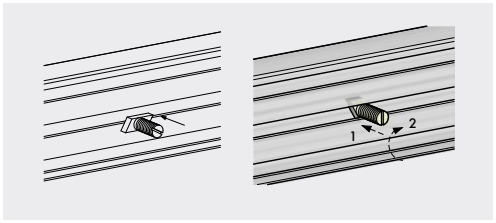


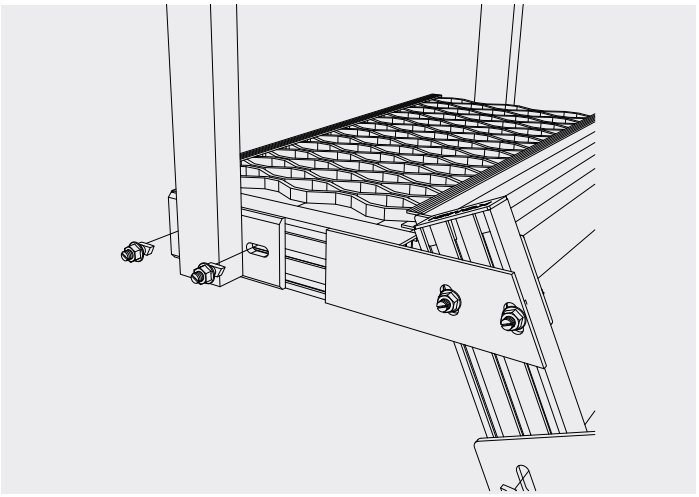
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

Step 6

– Insert t-bolts into platform supports and then position post and secure using 2 x M10 nuts.
– Repeat this process for all posts.

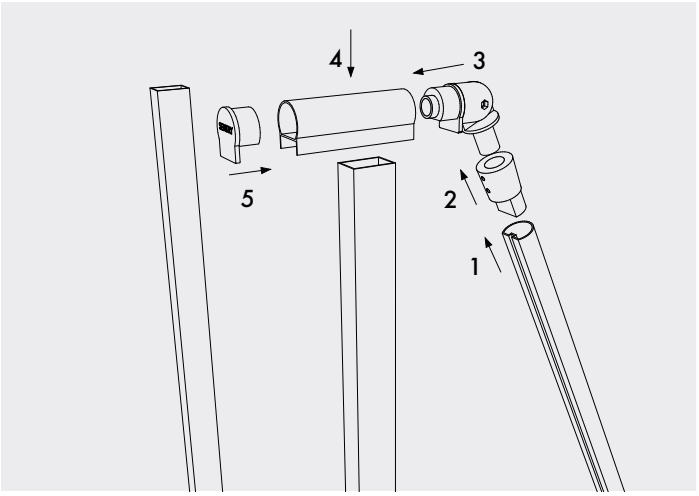
For platforms greater than 1000mm, 4 posts will be required.
For 300mm platform only 2 posts will be required.





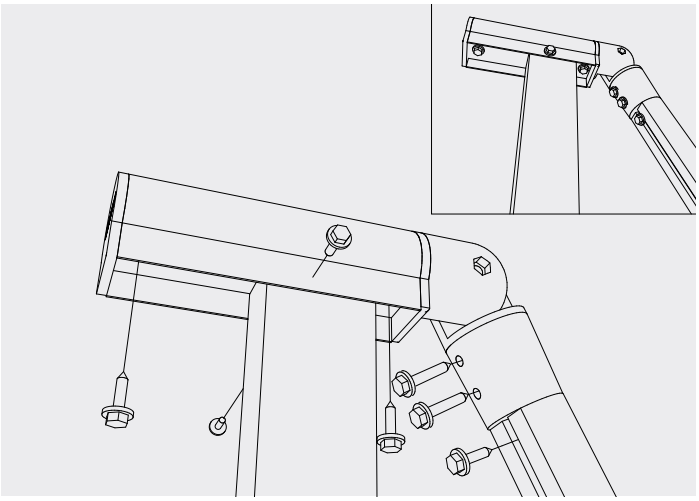
Step 7

Position platform handrail loosely on post and then insert elbow ready to engage with ladder handrail module.



Step 8

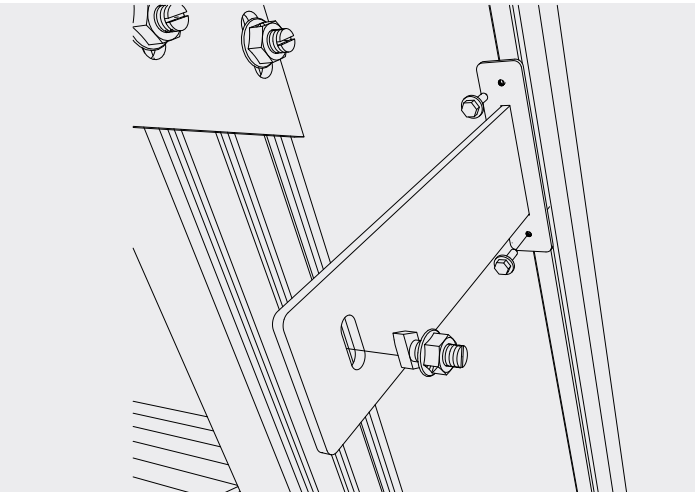
– Insert ladder handrails into flexible knuckle, ensuring handrail is parallel to ladder stiles prior to fixing off.
– Secure step ladder handrail to coupling using 1 x 20mm tek screw.
– Secure handrail coupling to elbow using 2 x 30mm tek screws.
– Secure handrail to post using 2 x 16mm tek screws.
– Secure end cap using 1 x 20mm tek screw.



Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

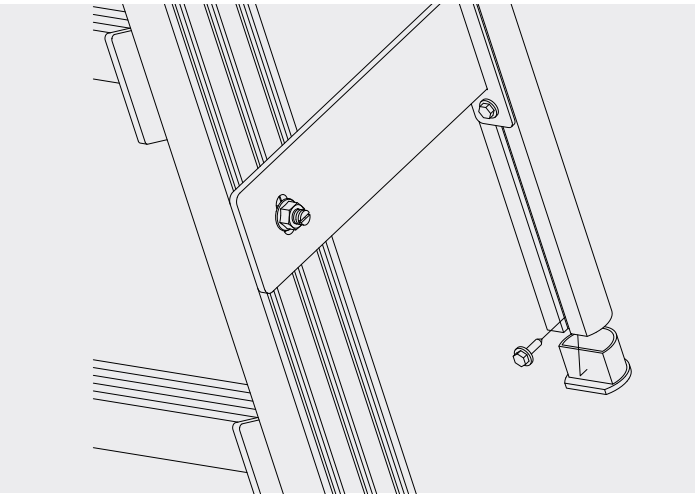
Step 9

- Once handrail in position and parallel with ladder stile, drill 2 x 10mm holes through handrail fixing plate and ladder stile.
- Secure using 1 x M10 t-bolt.



Step 10

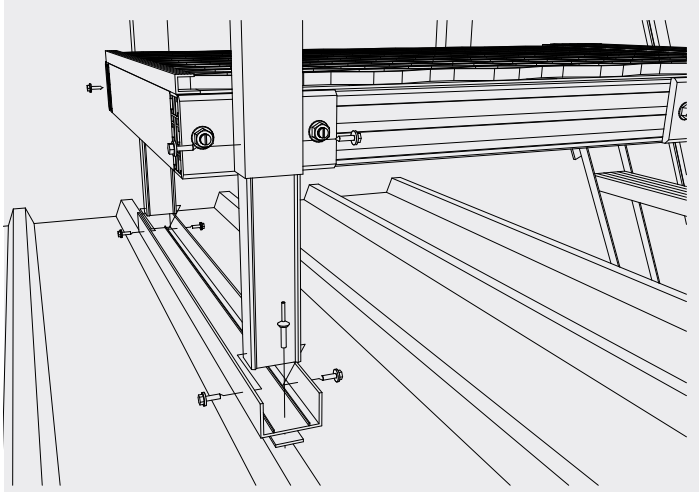
Insert end caps and secure using 1 x 20mm tek screw.



Step 11

- Position ladder and locate best suited support roof rib.
- Attach C channel batten to roof rib, using 2 x 8mm bulb type rivets and EPDM foam seals to seal the penetrations.
- Insert splice join into landing end posts and position into C channel.
- Level landing platform and secure splices join using 2 x 20mm tek screws at each join.

If mounting to concrete structure use 2 x SD930 M10 x 90mm trubolts.
Finished landing height must not exceed 300mm above roof deck.



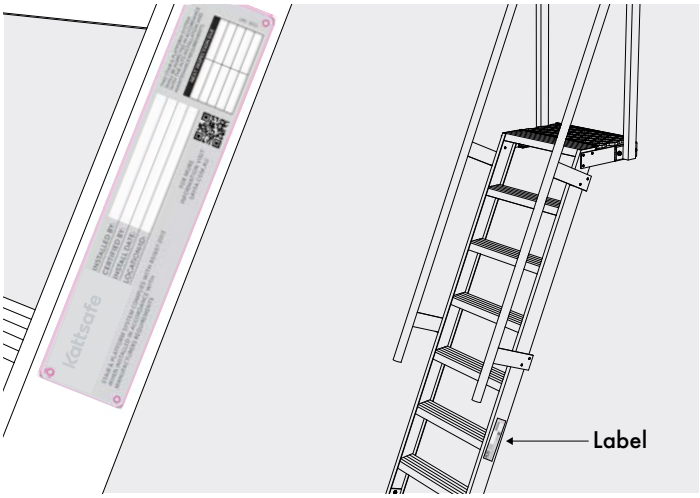
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

Step 12

Position warning label on the inside face of the handrail post where it will be best visibly seen by user.

Step 13

Position ladder data plate on the ladder stile approximately at the third step from the bottom.



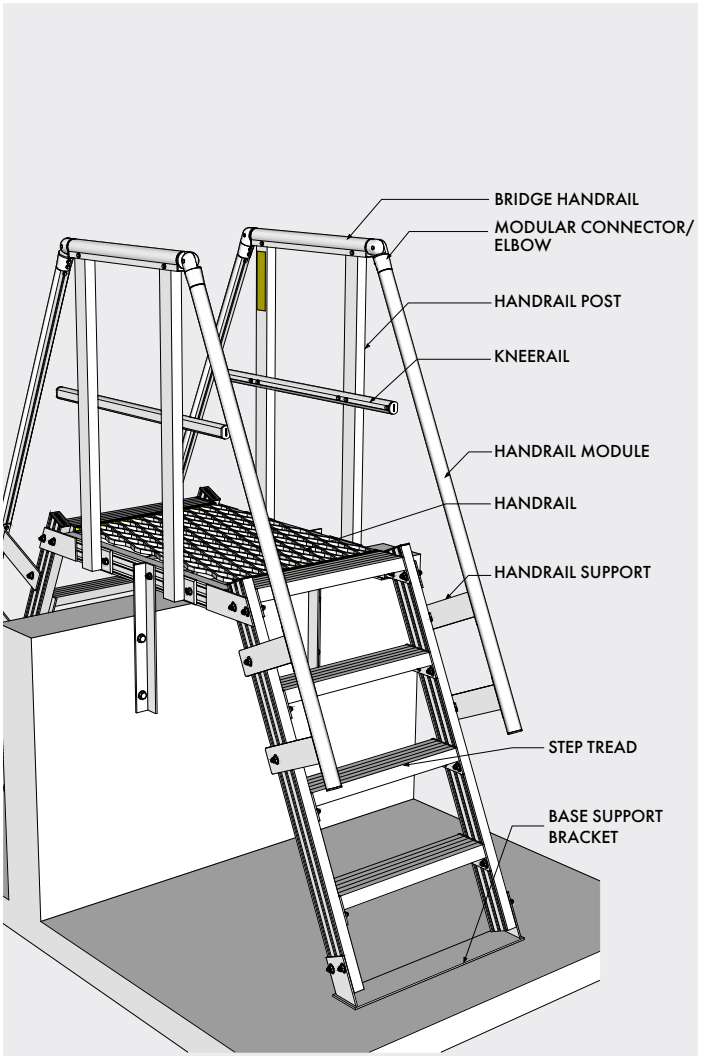
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

STEP BRIDGE INSTALLATION PROCEDURE

Step 1

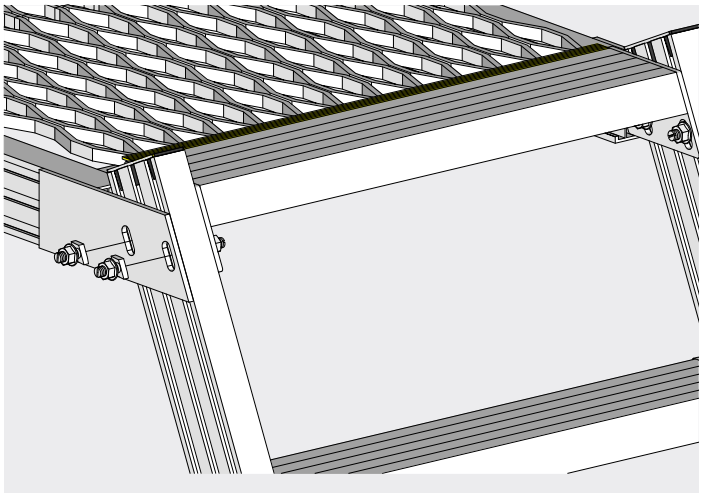
- Prior to installation, check the condition of the structure to which the ladder is to be attached and ensure suitability.
- Check the structure height and ensure the ladder has been correctly configured to suit.
- The installation checklist will assist with critical assessment criteria.

Do not proceed with installation of this system if any of the checking criteria does not meet the required standards. Seek advice from the manufacturer regarding other options.



Step 2

- Position landing platform level with top step and drill 3 x 10mm holes into ladder stile using the platform connection plate as a template.
- Connect using 3 x M8 x 20 cup bolt sets each side.

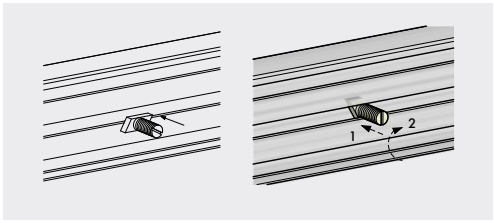


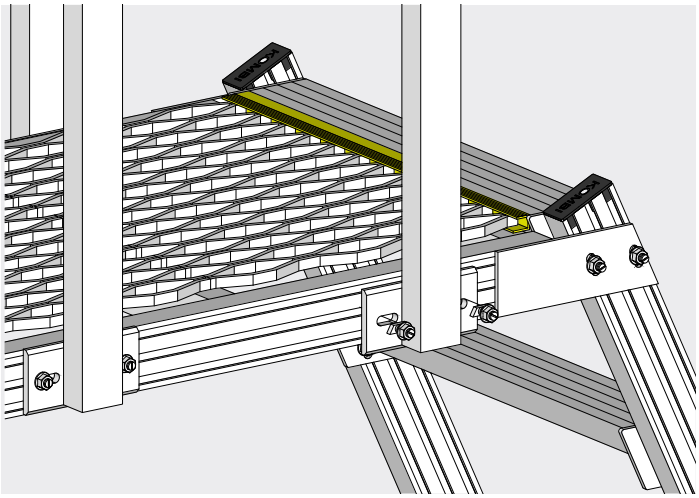
Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

Step 3

- Insert t-bolts into platform supports and then position post and secure using 2 x M10 nuts.
- Repeat process for all posts.

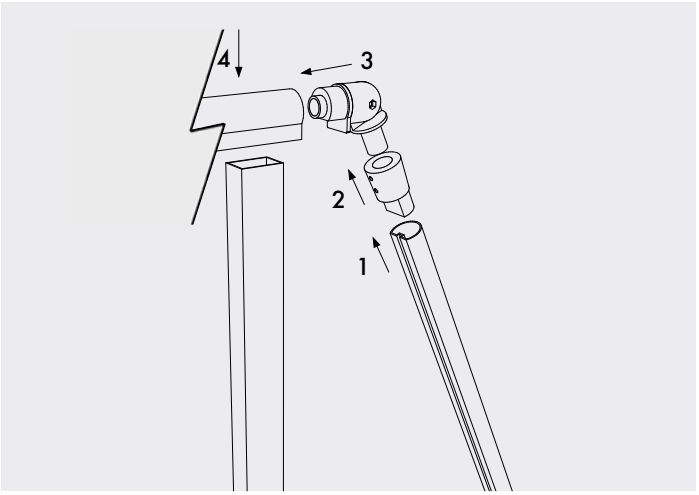
For platforms greater than 1000mm, 4 posts will be required.
For 300mm platform only 2 posts will be required.





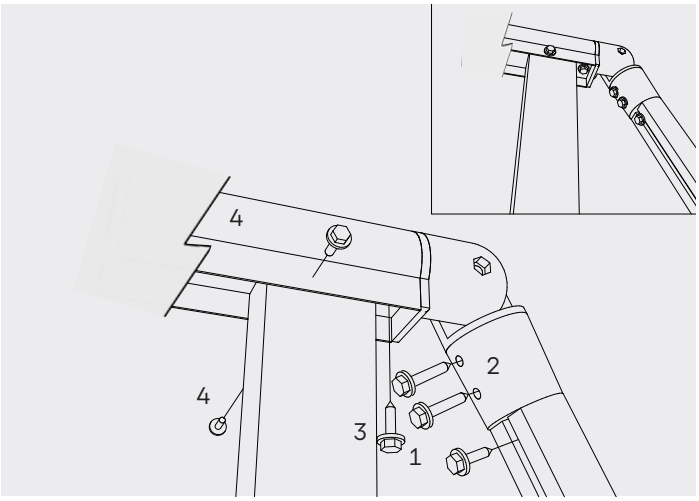
Step 4

Position platform handrail loosely on post and then insert elbow ready to engage with ladder handrail module.



Step 5

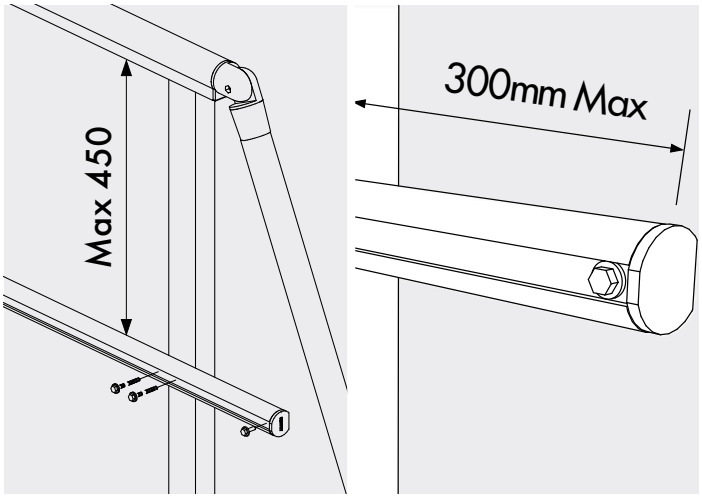
- Insert ladder handrails into flexible knuckle, ensuring handrail is parallel to ladder stiles prior to fixing off.
- Secure step ladder handrail to coupling using 1 x 20mm tek screw.
- Secure handrail coupling to elbow using 1 x 20mm tek screw.
- Secure handrail to post using 2 x 16mm tek screws.



Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

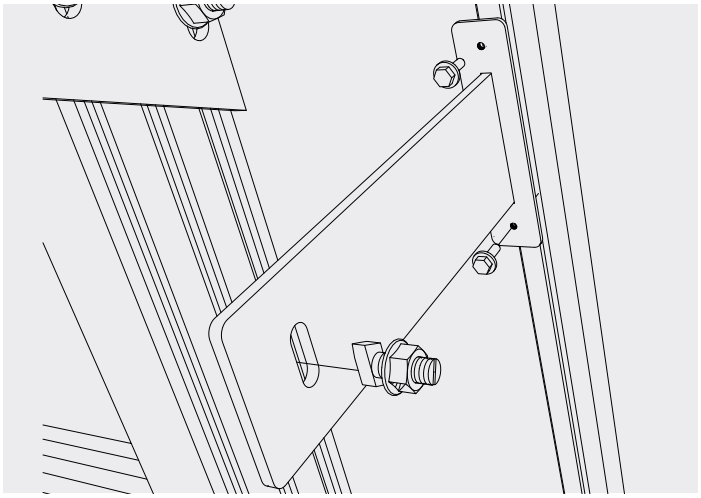
Step 6

- Kneerail to be attached 450mm max below underside of handrail.
- Secure to handrail post using 2 x 48mm tek screws.
- Secure kneerail end cap using 1 x 20mm tek screw.
- Kneerail overhang must not extend more than 300mm off the handrail post.



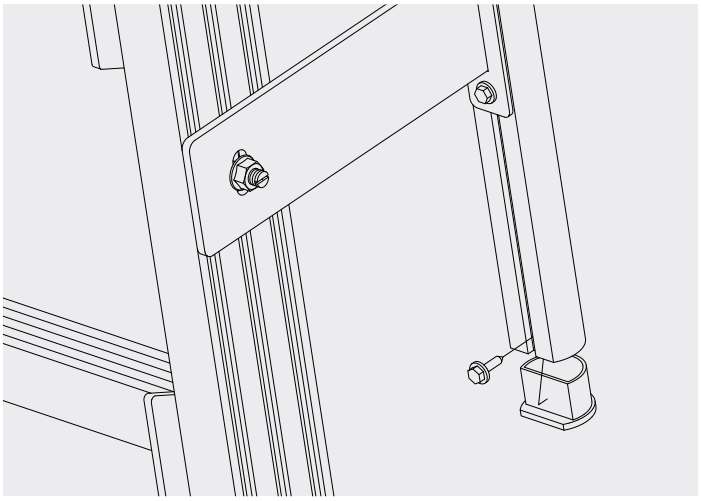
Step 7

- Once handrail in position and parallel with ladder stile, drill 2 x 10mm holes through handrail fixing plate and ladder stile.
- Secure using 1 x M10 t-bolt.



Step 8

- Insert end caps and secure using 1 x 20mm tek screw.
- Attach t-bolt protective nut caps to all exposed nuts.



Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

Step 9

Position warning label on the inside face of the handrail post where it will be best visibly seen by user.

Step 10

Position ladder data plate on the ladder stile approximately at the third step from the bottom.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

STRUCTURE ATTACHMENT INSTALLATION PROCEDURE

Base attachment to metal roof deck

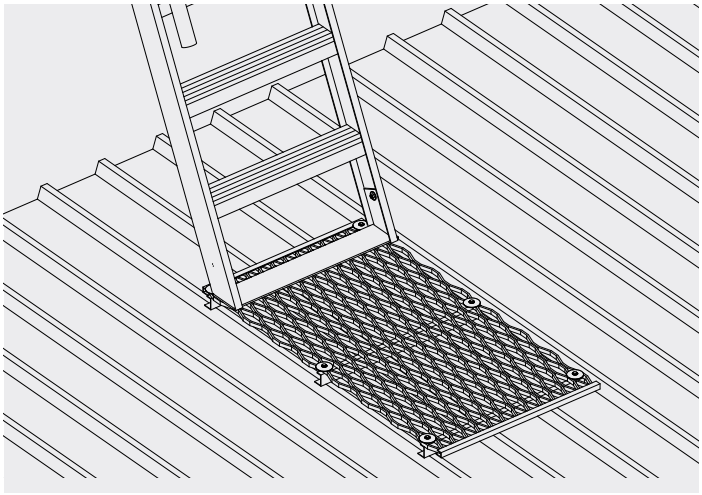
- Attach bracket to step ladder using M10 t-bolt.
- Attach step ladder base support to walkway using 3 x 45mm tek screws into walkway batten or 32 x tek screws into aluminium walkway.

Base attachment to concrete

Attach base support using 2 x 8mm screw bolts.

A level landing platform must be provided on any uneven surface or sloping surface above 7°.

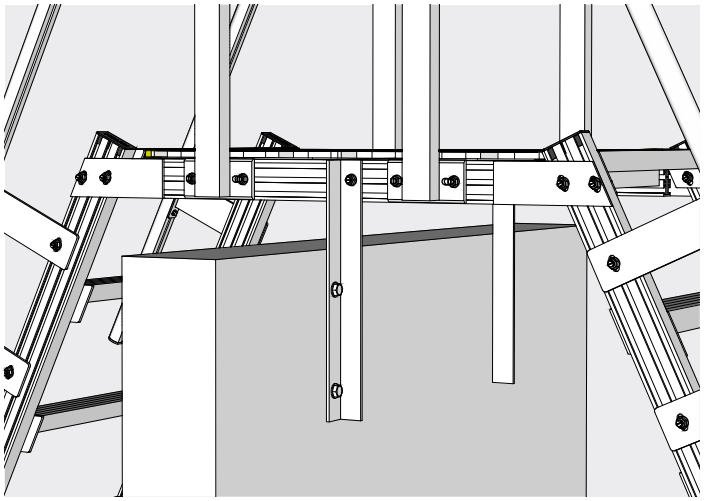
Metal roof deck platform is not included in modular step ladder pricing.



Bridge stabiliser bracket

- 2 x M10 t-bolts.
- 2 x 8mm x 75mm screw bolts.

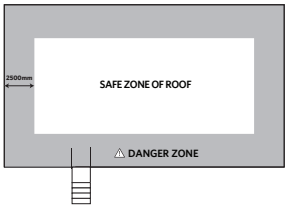
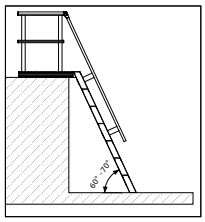
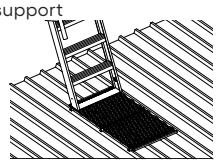
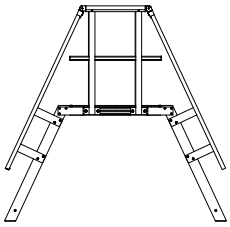
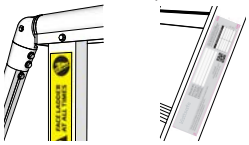
The top bridge stabiliser bracket must be installed to all step bridge modules to ensure stability of the step bridge.



The above fixing to structure is a recommendation only. Attachment to structure must be verified by a structural engineer unless it is clear to a competent person that the structure is suitable.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

INSTALLATION CRITERIA

Component	Installation criteria
Ladder location 	Ensure ladder system is positioned a safe distance from fall edges.
	Do not position ladder near high voltage supply or radioactive equipment.
	Ensure ladder is between 60° and 70°.
Ladder fixing to structure 	Ensure structure to which ladder is attached is in good condition and suitable for required loadings.
	Ensure top step is level with landing.
	Ensure 3 x M8 x 20mm cup bolts (each side) securing platform to ladder.
Ladder base support 	Ensure ladder landing platform is provided where surface is uneven or not level.
	Ensure fixings into support structure are secure.
Handrail attachment to steps and platform 	Ensure handrail post connected to platform using 2 x M10 t-bolts.
	Ensure handrail connected to post using 2 x 16mm tek screws.
	Ensure handrail secured to elbows using 2 x 20mm tek screws.
Label attachment to ladder system 	Ensure system data plate attached to step ladder.
	Ensure warning label positioned where easily visible.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

SYSTEM MAINTENANCE

Must be read prior to checklist

1. Step ladders and bridges need to be checked and recertified by a competent height safety inspector every 12 months for non corrosive environments or 6 monthly for corrosive or harsh environments. (To be determined by competent person depending on severity of surrounding conditions.).
2. Never clean using acids or other chemicals that could damage the system components.
3. Fixing and support structure suitability must be checked for damage or deterioration by a competent person.
4. Any signs of distortion or excessive load to the ladder system must be inspected and recertified by competent person.
5. The identification label must be completed confirming certification, maintenance and recertification of the system.
6. Maintenance inspections must be clearly documented. The identification label must be completed confirming certification, maintenance and recertification of the system.
7. Maintenance inspections must be clearly documented. Any non-conformance must be clearly identified and tagged ‘Do Not Use’ until corrective action by a competent person has been completed.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

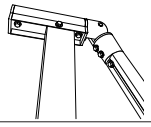
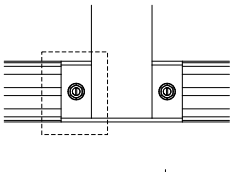
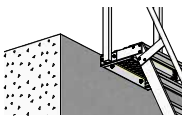
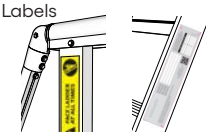
MAINTENANCE CHECKLIST

The checklist below outlines key checking criteria required to ensure the safe use of this system. Any item of concern not shown on the checklist must be noted on the maintenance report and brought to the attention of the workplace manager.

Items ticked PASS - YES means they conform with the required checking criteria and are suitable for normal use until the next recertification date. System data plates must be updated showing current check date and next check date.

Item ticked PASS - NO means they do not conform to the required checking criteria. These items must be clearly tagged ' Do Not Use' and the required corrective actions put in place. The maintenance report must clearly document all non-conforming criteria.

This system must be maintained by a competent height safety inspector trained in the safe use and maintenance of this system.

Component	Inspection criteria	Pass Y/N	Corrective action	Completion date
Structure 	Structure to which ladder attached is in good condition and suited to required load.			
	Fixings to structure secure.			
Step ladders and bridges 	No evidence of damage or overload stress to ladder.			
Kneerails 	All tek screw fixings into handrails and kneerails secure.			
T-bolts 	All t-bolts in platform handrail posts secure.			
	Indicator slot in t-bolt must be perpendicular to extrusion slots.			
	Each handrail post to have 2 x t-bolt fixings.			
T-bolt connections 	All bolts connecting platform to step secure.			
	All bolts connecting step ladder handrail to ladder secure.			
Labels 	Visible label and data plate easily visible and legible.			

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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 OHS 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.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

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 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.

Copyright, trademarks and product codes are property of Kattsafe.
Patents and design registrations may apply to these products.

Product brochure
Platforms and stairs

Installation manual
Platforms and stairs

QMS Certification
ISO 9001:2015

Find all related products and resources on our website.
kattsafe.com.au

Kattsafe

Height access
and fall protection

1029 Mountain Highway
Boronia Victoria 3155
Australia

1300 301 755
sales@kattsafe.com.au
kattsafe.com.au

15.12.2023