

Kimberley Products Pty Ltd
EVEREST ALUMINIUM (MODEL KASW05DS)
FOLDING ATTIC LADDER

Installation Instructions
For Model KASW05DS

WARNING

Before you start installing your new Kimberley Ceiling Mounted Folding Attic Ladder, you must read and understand the following:

1. Installation requires two people.
2. **DO NOT** open folding attic ladder until it is securely installed in the ceiling.
3. This folding attic ladder is completely assembled and is ready for installation. Do not disassemble it to install.
4. The springs on this folding attic ladder are under tension. Use extreme caution when adjusting, checking, or using this folding attic ladder. Never try to adjust or remove the springs when the folding attic ladder is in the open position.
5. Prior to installation, check all nuts, bolts and screws for proper tightness. Re-check these periodically after initial installation.
6. Make sure there is no wiring or piping that the saw or drill can come in contact with during installation.
7. Opening or standing on the folding attic ladder's climbing sections prior to properly fastening to ceiling joists could cause serious bodily injury.
8. If the premises has roof trusses, do not cut the ceiling joists without consulting an engineer for approval.
9. Before installation, read all the instruction and warning labels on the folding attic ladder.
10. Improper installation of this folding attic ladder could put undue stress on its components and could result in failure and serious bodily injury.
11. Follow the instructions on adjusting the folding Attic Ladder to length, on Page 5.
12. Please close ladder gently upon each use, so your ladder remains in the best working order.

PARTS LIST

Included with your Folding Attic Ladder:

- 4 x E-Z Hang Support Straps
- 12 x 20mm clouts
- 1 x Eyebolt, 1 x Nut & 1 x Washer
- 1 x Packer (103mm x 152mm)
- 12 x 50mm Screws (12 Gauge)
- 1 x Pull Down Pole
- 1 x Instruction sheet

WARNING – FOR RESIDENTIAL USE ONLY!

**READ INSTRUCTIONS AND WARNINGS COMPLETELY
BEFORE STARTING.**

**IMPORTANT: Do not open folding attic ladder until instructed to
in step number 3 on Installation Instructions on Page 4.**

PEOPLE TOOLS & MATERIAL NEEDED:

- Two (2) people are required
- Stepladder
- Hammer
- Adjustable Wrench
- Nails and/or Screws Included
- Hand Saw
- Drill
- Packers
- Tape Measure
- Hack Saw

FOLDING ATTIC LADDER LOCATION:

Allow ample room for the landing space of the folding attic ladder when it is opened (See Table 1 and Figure 1 below).

Locate the folding attic ladder rough opening so that when you enter the storage area, you will have adequate head clearance.

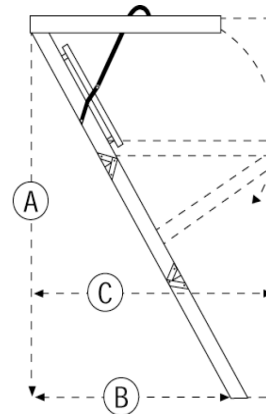


Figure 1

Rough Opening (mm)	Min & Max Ceiling Height mm (A)	Landing Space mm (B)	Swing Clearance mm (C)
640 x 1595	3048 to 3657	2100	2200

Table 1

INSTALLATION INSTRUCTIONS

1. Make a rough opening in the ceiling, and frame to size as shown in Table 1 (on Page 2) & Figure 2 (below).
 - If the folding attic ladder is wider than the spacing between the ceilings joists, you should consult a structural engineer before installing, since cutting into a ceiling joist could weaken the structural integrity of your ceiling.
2. Install metal E-Z Hang straps to the folding attic ladder (See Figure 3 below) prior to lifting folding attic ladder into rough opening.

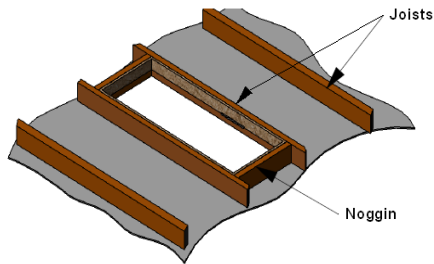


Figure 2

TEMPORARY SUPPORT STRAP INSTALLATION

Provided are Four E-Z Hang temporary support straps for installing this folding attic ladder. Follow instructions below to install straps.

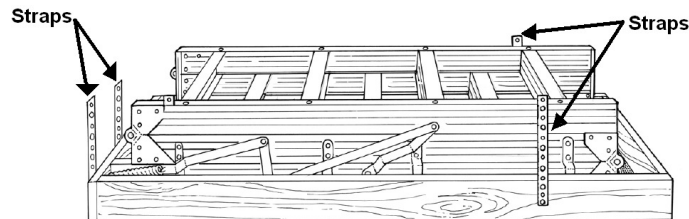


Figure 3

- A. Remove the folding attic ladder from its box.
- B. Place the folding attic ladder on the floor with the door facing down.
- C. Using the nails (clouts) and straps provided, attach straps using two of the nails (clouts) enclosed, on each strap in places marked on ladder and shown on Figure 3 (above), and Figure 4 (on Page 4), and items marked (T) nailed to the frame.

3. Position one person in the attic and position one person in the room below (the room the attic ladder will unfold into).
 - The person in the room below will need to raise the folding attic ladder into the rough opening and position the folding attic ladder's frame flush with the ceiling surface.
 - **WARNING** : When a stepladder is used, make sure that the user's weight and that of the folding attic ladder plus any tools does not exceed the load capacity of the stepladder (See notice labels on stepladder for safety information and load capacity).
 - The person in the attic should then bend the metal "E-Z Hang" strapping at the four corners of the folding attic ladder over the adjoining ceiling joists and nail through the metal strapping to temporarily suspend the folding attic ladder.
 - **This is only for temporary support. DO NOT STAND on the climbing sections of the folding attic ladder while installing.**
4. **MDF Packers provided with this unit are for final squaring only.**
 - If the space between the rough opening and the folding attic ladder frame exceeds a 6mm of space, a piece of MDF or some other spacing material should be placed along the full length of the frame.
 - Then use the MDF packers provided to make the final square adjustments.
 - Check to be sure that the folding attic ladder frame is flush with the ceiling before final fixing.
 - Once the folding attic ladder is positioned as desired, final screwing should be done through the folding attic ladder frame (see Figure 4 below).
 - Drill 6mm diameter holes in ladder frame to accept screws as shown in Figure 4 below.

Be certain to install screws in the holes provided in the hardware pivot plates and the corner brackets.

Note: It is very important that screws go through pivot plates and corner brackets (failure to do so, could damage ladder and cause serious bodily injury).

Note: For fixing ladder we recommend the use of screws for ease of removal if required...

**X = 50mm Screw s for Mounting Ladder
T = 20mm Clouts for Straps.**

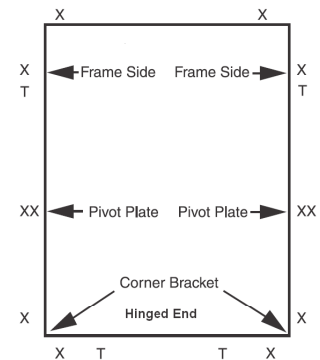


Figure 4

- Double check the instructions to make sure that the folding attic ladder is properly installed prior to use.

THE SPRINGS ARE UNDER TENSION.
USE EXTREME CAUTION WHEN ADJUSTING,
CHECKING, OR USING.

- Please refer to the "Trimming to Length" section (below). To complete installation.
- To install moulded trim (architrave), leave adequate clearance between the door panel and the trim on all sides.

TRIMMING FOLDING ATTIC LADDER TO LENGTH

Figure 5 (below) shows how to trim to length as explained in the following directions:

- Press down on the climbing section to insure that the power arms are fully extended.
- Fold the bottom section under the middle section.
- With a straight edge, measure distances from joint to floor, for both A & B lengths. Record the results in the spaces provided on Table 2 (below).
- Measure this length on the rails for a cutting line, taking off the length of an additional 25mm to allow for the aluminium foot. Place a support under the bottom section and cut to your measured line on the ladder rails.
- If a step happens to be in the position you need to cut, remove this step, as it is not needed.
- Slide the Aluminium foot over the ladder rail. Position the foot so the extended section remains straight and the foot is in full contact with the floor. Drill through the holes provided on the foot, then anchor securely with the nuts and bolts provided.

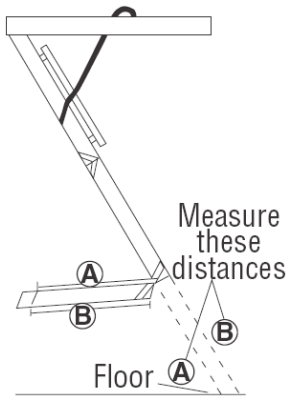


Figure 5

	Left Rail	Right Rail
"A" Length		
"B" Length		

Table 2

CHECK THE LENGTH AFTER MAKING YOUR CUTS

- Again, be sure the Attic Ladder power arms are fully extended.
- Adjusted correctly, your attic ladder should look like Figure 6 below. No gaps in the section and both feet flat on the floor should be the result.
- If the attic ladder looks like Figure 7 (below), then both of the legs are too long, and the Attic Ladder is not safe to use. (Check trimming procedure again, on Page 5).
- If the attic ladder looks like Figure 8 (below), adjust both feet, until they are flush with floor. If you still have problems, then call Kimberley Products, 1800 225 377 and ask for customer service, or email kimprod@kimprod.com.au

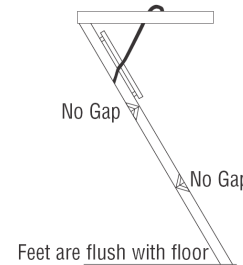


Figure 6

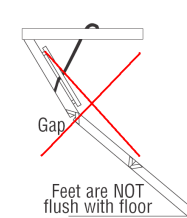


Figure 7

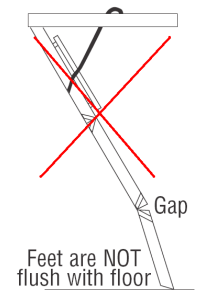


Figure 8

ATTACHING HARDWARE

- Locate & Fix Eye bolt through door hatch panel. Tighten nut to prevent loosening.
- Attaching the pull down bracket to the Lower Ladder Leg, the holes are pre drilled on the Left Hand Side of the ladder, always mount the bracket in the holes closest to the bottom of the leg. If you desire to mount the bracket on the right hand side of the ladder, then duplicate the original hole positions you require on the Right Hand Side of the Ladder using the bracket to drill through. Bolt in place using the nuts & bolts supplied.

IMPORTANT: OPENING AND CLOSING INSTRUCTIONS.

If this ladder has a ceiling height over 3 meters, you may have to use the pole locator bracket fixed to the lower side of the step, to raise & lower the ladder. See Figure 9 on Page 7.

Everest Aluminium Folding Attic Ladder

Opening & Closing Instructions:

Closely follow the instructions attached to the pull down pole when opening and closing the Everest folding Attic Ladder.

We Recommend the following to open & close the ladder:

- * 2 people
- * Specially supplied pull down pole (supplied)
- * Stepladder or platform ladder

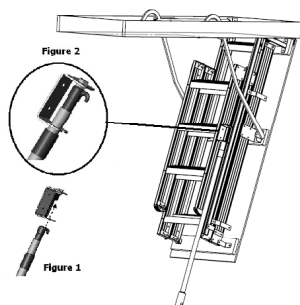
OPENING INSTRUCTIONS

Warning: Danger, Never place stepladder or person in the path of the Attic Ladder's climbing section (drop down area).

1. Standing on the floor, reach with the pull down pole, and locate the hook in the eye on the Attic Door.
2. Fully open the door.
3. Now, insert the hook end of the pull down pole into the bracket (as shown in figure 1 on the diagram below) on the right or left hand lower leg, screw it clockwise until secured (as shown in figure 2 on the diagram below). Do not over tighten.
4. We recommend you place a stepladder to the side of Everest Attic Ladders climbing section (drop down area). Position the two people (one on the step ladder and one on the floor holding the pole) standing to one side of the opening path of the ladder.
5. Now, carefully open the ladder, unfolding the ladder sections using the person on the stepladder to assist you. Once the person on the ground can reach the legs of the ladder, the pole can then be removed by rotating it, anticlockwise. Continue to unfold the two sections until hinges are fully extended. Press down on climbing section to ensure power arm is fully open and locked into position.

CLOSING INSTRUCTIONS

1. With two people placed in the same position as when opening the ladder, begin folding up the bottom section of the ladder climbing section.
2. Holding on to the bottom leg, you may have to tap the power arm towards the open end of the attic ladder with the pull down pole (away from the ladder hinge.) to release the power arm (see figure 2). Now insert the hook end of the pull down pole into the bracket on the right or left hand leg and screw it clockwise until secured, and then reverse the opening procedure to close.
3. Remove pull down pole and store in a safe place.



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Money Back Guarantee

If you are not completely satisfied within 7 days from date of purchase, money will be refunded, providing the product is returned to our factory in its original condition and packaging.

Note: This does not cover installation charges.

Warranty Statement

1. Kimberley Products Warrants its range of Attic ladders are free from defects in material and workmanship under normal domestic storage use for a period of one year.
2. Kimberley Products accepts no liability for defects caused by the customer installation of the goods or where the goods have been modified repaired or has been subject to abuse in any way.
3. In the event of a fault arising the faulty product must be returned to Kimberley Products with Proof of Purchase and product will be repaired or replaced at the option of Kimberley Products.
4. Kimberley Products does not cover any freight, installation or any indirect or consequential loss incurred due to faults or defects.

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