



Written instructions are provided on the following pages, but to best understand the installation process, scan the QR code below to watch the short installation video.



Installation Video

Feel free to reach out to us at 725-2ESCAPE (237-2273) with any questions.

For more information www.saferescape.com

Safer Escape LLC
135 Lafayette Ave
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General Installation and Fitting instructions

Tools required

Ladder or tower scaffold staging
Electric drill
Spirit level
T25 Torx screwdriver (Power driver recommended) (join kit, wood screws)
Phillips head screwdriver (for release pin chain)
Hammer (Join kit plate)
2 ratchets (one power driver works) (2nd ratchet to hold nut – more efficient than a plier)
Ratchet head sizes 8m,10m,13m
Marker (to mark bottom of ladder and screw holes)
Bolts and wall spanners

For installations into masonry:

Hammer drill
8m & 12m drill bits
Center punch or marker (to mark screw holes)








Fitting timescale

Approximate ½-1 hour for two persons with DIY skills.

Installation

1. Assess the condition of the building and the brickwork/blockwork etc, and decide what hardware is required.
2. Check ladder and assess no damage has occurred during transportation. Check all bolts and fixings are secure.
3. Assess the window or opening from which the Modum ladder system is to be fitted. Make sure that you have an easy escape route unhindered by obstacles and that the window or opening can be opened wide enough for a person to vacate the premises.
4. Make sure all obstacles have been removed from around the base of the proposed fixing area.
5. Unwrap all delivery packing and lay ladder on floor.
6. Offer the ladder up to the proposed wall, the top of the ladder supported by someone from the window or opening. Be careful not to lean out of the window or opening.
7. The top of the ladder should be within easy reach from the window to enable the release of the safety pin. This is normally about 1 m to 1.5m above the window sill or opening base.
8. Drill and fix the top bracket and check vertical plumb level before fixing all the brackets. **IMPORTANT: Remember the ladder will fold out and drop down slightly so allow several cm at ground level for the deployment.**
9. Affix the bolts and secure. (NOTE: It is the responsibility of the installer to check and test the ladder to satisfy themselves it is installed correctly)
10. Finally release safety pin to test and deploy ladder. Close ladder and re-fix safety pin.

Hardware and Uses Table

Type	Screw - Torx	Rawl Plug	Screw-Hex	Screw-Hex	Bolt-Hex	Bolt-Hex	Bolt-Hex
Size	6x50mm & up	12x60mm	8x70mm	8x110mm	8x20mm & up	6x50mm	6x60mm
Ratchet size		12mm drill bit	13mm	13mm	13mm	10mm	10mm
Use	Screw directly from bracket to wood	Masonry or concrete-use with longer hex screws	Use with rawl plug. Directly from bracket to wall	Wood or masonry (with rawl). Use with 40mm spacer	Attach ladder bracket to adjustable bracket	1) Lock adjustable bracket. 2) Attach rung	Attach square telescopic tube to 1 or 2 piece bracket
Image							



1. If the ladder is delivered in sections, they are unpacked and assembled on the ground as described in paragraph 2 - 4 below.

2. The sections are paired with a joining set containing:

- 2 pcs. bolts 6 x 60 mm + 2 pcs. nuts 6 mm
- 8 pcs. screws 5 x 14 mm
- 8 pcs. nuts 5 mm
- 1 pcs. rung and 2 pcs. extenders



3. Extenders and rung are mounted on one ladder.



4. Connect the ladders and tighten the supplied screws and bolts.





5. The ladder is ready for installation.



6. The ladder has a hole in the top - used for the first point for installation.

7. Remember to install the ladder approx. 50 cm (18-20in) from the ground, this will allow the ladder to open freely.



8. When the ladder hangs in the top hole, the ladder is placed in exact vertical and the drill holes are marked up.





9. The ladder is taken down again when marking is complete.



10. Drilling and rawlplugs (anchors) are put into the holes.



11. The ladder is installed again and the mounting screws are tightened. It is recommended to install the top bracket first and then continue down.





12. Test the ladder for functionality.



Please review the maintenance and user guide on the support section of the website for important information

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