

STAIRWELL SAFETY & MAINTENANCE

Stairwell Access Unit

For safe access on both industrial and domestic stairwells.

The basic stairwell pack provides a platform level of 2.7m from the lowest step.

The unit is 0.7m wide, and features special narrow base plates, adjustable legs and non-slip platform boards.

Easy access from both sides of the stairwell unit to the platform is provided by a walk through ladder frame. Simply walk through the frame and climb the ladder.

This frame design solves the access problems experienced on narrow and domestic staircases.

Integrated access frame so access on the staircase can still be obtained.

Optional Extra's Include:

- Extension pack to raise the platform level from 2.7m to 4.20m from the lowest step
- Aluminium Toeboard assembly
- Additional side props and stabilizers available for extra support on narrow applications

PASMA
PREFABRICATED ACCESS SUPPLIERS' AND MANUFACTURERS' ASSOCIATION

**Training Available
(Other Modules)**



STAIRWELL SAFETY & MAINTENANCE

General Safety Rules

Check instructions before use.

A RISK ASSESSMENT must be carried out before assembly and use of this equipment.

1. Do not use any Stairwell tower which is damaged, which has not been properly assembled, which is not firm and stable, and which has any missing or damaged parts.
2. Do not erect a Stairwell tower on unstable ground or objects such as loose bricks, boxes or blocks. Only a sound rigid footing must be used.
3. Ensure that the Stairwell tower is always level and the adjustable legs nuts are engaged. Position base plates as close to the stair risers as possible.
4. Ensure that all frames, braces and platforms are firmly in place and that all locking hooks are functioning correctly. Ensure that all frame locking clips are engaged.
5. Ensure that the Stairwell tower is within the maximum platform height is stated, and that the appropriate Side Props are fitted.
6. Stairwell towers should, wherever possible be secured to the building or other solid structure. It is good practice to tie in all Stairwell towers of any height, especially when they are left unattended.
7. Do not lean ladders against the Stairwell tower.
8. Never climb the outside of the Stairwell tower or climb on Horizontal or Diagonal braces. Do not gain access or descend from the platforms other than by the trapdoor platform and built in ladder.
9. Guardrails must be fitted to ALL Platforms. Toe Boards must be fitted to any Working Platform or platform where Materials are Stored.
10. Never jump on to or off platforms.
11. DO not exceed the safe working load of the platform or structure by accumulating debris, material or tools on platforms as these can be a significant additional load.
12. NEVER extend your adjustable legs to achieve extra height, these are for levelling only.
13. NEVER use a ladder or other objects on the platform to achieve additional height.
14. It is not permissible to attach and use hoisting facilities on Stairwell towers, unless specifically provided for by the manufacturer.
15. It is not permissible to attach bridging sections between a Stairwell tower and a building.



Stairwell Access unit complete with the 4.20m extension kit implemented. **STABILIZERS** improve the **STABILITY** of the Stairwell tower. Position the **SIDE PROPS** symmetrically to obtain **MAXIMUM STABILITY**.

General Maintenance Rules

1. Ensure that the Stairwell tower is kept clean, especially the spigots and sockets. These should fit together with ease and be secured by an interlock clip.
2. Check frames and braces, adjustable legs and boards for paint, grit, burrs etc. Remove any foreign substance with a light wire brush. Check no slip hazards exist on the platform.
3. Where brace, ladder and platform hooks attach the frames, ensure that the frame rungs are kept clean.
4. Ensure that all locking hooks function correctly. If necessary lubricate with light oil.
5. The inside diameter of all hooks should be kept clean to ensure they fit to other components without being forced.
6. If in any doubt about the proper use and maintenance of the Stairwell tower equipment, consult the manufacturer.
7. Do not misuse or abuse the Stairwell tower with heavy objects, hammers etc.
8. Do not throw components in and out of vehicles or to the ground when the tower is being dismantled. Such abuse may reduce the structural integrity of the Stairwell tower.
9. Under no circumstances use a Stairwell tower which is damaged, has not been properly assembled, is it not rigid and which has any missing parts.

MAX SAFE WORKING LOAD FOR PLATFORM 150KG

| | Stairwell Extension Unit |
|-------------------|--------------------------|
| Platform Height | 4.20m (From Lowest Step) |
| Safe Working Load | 150Kg |
| Dimensions | 0.7m Width x 1.5m Length |

REMEMBER YOUR SAFETY DEPENDS ON THE SAFE ASSEMBLY AND USE OF THIS EQUIPMENT. RESPECT IT.

STAIRWELL ASSEMBLY GUIDE

Ensure all parts are present and are not damaged before assembling
Photos are for illustrative purposes only and are taken showing Basic Kit

Stairwell Basic Kit List

| | |
|----------|---------------------------------|
| 4 x SWAL | Stairwell Adjustable Leg |
| 2 x SWAF | Stairwell Access Frames |
| 1 x SWPF | Stairwell Plain Frame |
| 2 x SWDB | Stairwell Diagonal Brace |
| 5 x SWHB | Stairwell Horizontal Brace |
| 1 x SWTP | Stairwell Trapdoor Platform |
| 1 x SWSG | Stairwell Short Guardrail Frame |
| 1 x SWTG | Stairwell Tall Guardrail Frame |
| 1 x SWTB | Stairwell Toeboard Assembly |

STEP 1

Insert adjustable legs into access frames and position on the stairs where required.

STEP 2

Fit horizontal brace above designated locating collars, level tower by using a spirit level and the adjustable legs. Fit lower diagonal brace, starting from the bottom rung of the access frames on the right hand side.

STEP 3

Fit plain frames with short guard rail attached to the lower access frame and engage interlock clips. Fit upper diagonal brace on the right hand side, from the bottom rung of the top access frame on the ladder side of the corresponding rung on the plain frame.

STEP 4

From the stairs, fit tall guardrail frame to the top access frame and engage interlock clips.

STEP 5

Fit platform to the top rung of the upper access frame with the trapdoor to the lower end of the stairs.

STEP 6

Sit through the trap and fit four horizontal braces using the 3T method creating the guardrail.

STEP 7

Fit toe boards.

Dismantling is the reverse of assembly, do not throw equipment; pass it down safely.

Stairwell 4.2m Extension Kit List

| | |
|----------|-----------------------------|
| 2 x SWPF | Stairwell Plain Frame |
| 1 x SWDB | Stairwell Diagonal Brace |
| 4 x SWHB | Stairwell Horizontal Brace |
| 1 x SWTP | Stairwell Trapdoor Platform |
| 2 x SWSP | Stairwell Side Prop |

NOTE

Fit side props fit the couplers and adjust the prop to aid stability. Prop against a solid wall or bulkhead.
If using stabilizers fit wherever possible.

FOLLOW STEPS 1-2 FROM BASIC KIT BUILD...

STEP 3

Fit 2 plain frames together and then attach them to the lower access frame, engage all interlock clips.

STEP 4

Fit 1 diagonal brace on the ladder side from the bottom rung of the top access frame to the corresponding rung on the plain frame.

STEP 5

Fit first platform to the top rung of the upper access frame with the trapdoor to the lower end of the stairs.

STEP 6

Fit the tall guardrail to the remaining plain frame and attach to the top access frame, engage all interlock clips

STEP 7

Sit through the trap and fit four horizontal braces using the 3T method creating the guardrail.

STEP 8

Fit 1 diagonal brace to the rung above the platform running from the trapdoor end.

STEP 9

Fit short guardrail to the plain frame, engage interlock clips.

STEP 10

Fit remaining platform to the top rung of the single plain frame with the trapdoor to the lower part of the stair.

STEP 11

Sit through the trap and fit four horizontal braces using the 3T method creating the guardrail.

STEP 12

Fit toe boards.

Dismantling is the reverse of assembly, do not throw equipment; pass it down safely.

