

# SpeediStair - User Guide



- Make your site safer
- No more ladders
- Floor heights 2.65 - 3.05m
- Complies with BSEN 131
- SWL: 200kg
- Only 5 minutes to install

## Introduction

This user guide is designed to ensure your SpeediStair is positioned and used in the appropriate and safest manner.

Before assembly, please read the whole of this guide, if the system is passed on to another person they should also receive these instructions.

SpeediStair is designed to provide safe easy access for construction and related operations.

SpeediStair does not comply with building regulations - it is therefore not suitable for public access or a permanent means of access.

## Safety

SpeediStair is designed to provide easy, safe access between floor to floor levels ranging from 2.65m to 3.05m.

Do not use SpeediStair where it appears unsuitable or for other purposes it is not designed for.

SpeediStair has a safe working load of 225kg uniformly distributed - Do not exceed this load.

## During use

Inspect the system on a weekly basis for signs of damage.

Ensure the stairs are kept free from a build-up of substances (mud, etc.) which could cause a slip or fall hazard.

## Preparation

Ensure you are using the correct PPE equipment.

## Inspection

Check that all components are available and are functioning correctly.

System comprises one main stair unit and two guardrail frames.

Inspect components prior to use for signs of damage - do not use damaged components.

Note: If in doubt about anything, consult your line manager, safety advisor or Ladders999.

## 1. Positioning of stair unit

The SpeediStair unit (excluding guardrails) weighs 25kg.

Consideration should be given as to whether one person or two shall carry the unit and lift it into position.

Considerations would include ground conditions and access into the property.

The upper end of the stair unit has an "L" shaped angle which should be seated fully and firmly onto the upper floor level.

## 2. Floor to Floor height in excess of 2.75m

Where the floor to floor height is in excess of 2.75m a suitable timber packer (to a maximum of 300mm high) should be positioned under the full width of the bottom tread to ensure the treads are horizontal (front to back). This timber should be of a suitable thickness to level the treads from front to back and be secured by two screws through the bottom aluminium tread

## 3. Securing the stair unit

Once the stair unit is in position it needs to be secured by means of 2x screws minimum of 4mm (8G) x 45mm chipboard screws through the aluminium angle at the top of the stairs into the floor on which it is rested.

To allow safe access for an operative up the stairs to fix these screws a second person should foot the stairs to prevent any horizontal movement.

## 4. Installing guardrails

To allow for safe movement up and down the stairs it is essential that guardrails are positioned to both sides of the stair unit.

These guardrails prevent a fall from the stairs and also provide a hand hold if required whilst climbing / descending the stairs.

To install the guardrails, hold them at the mid point whilst standing half way up the stairs. Partially insert the lower vertical post in to the socket fixed near the base of the stairs. Then position the upper vertical post in to the socket at the upper end of the stairs.

Repeat this process for guardrails to the opposite side of the stairs.

When guardrails to both sides are positioned tighten the screw fixing to all four sockets to tighten the guardrail frames.

## 5. Inspection

Prior to use stand back and look at the equipment, ensure it is property erected, is stable and suitable for the task.

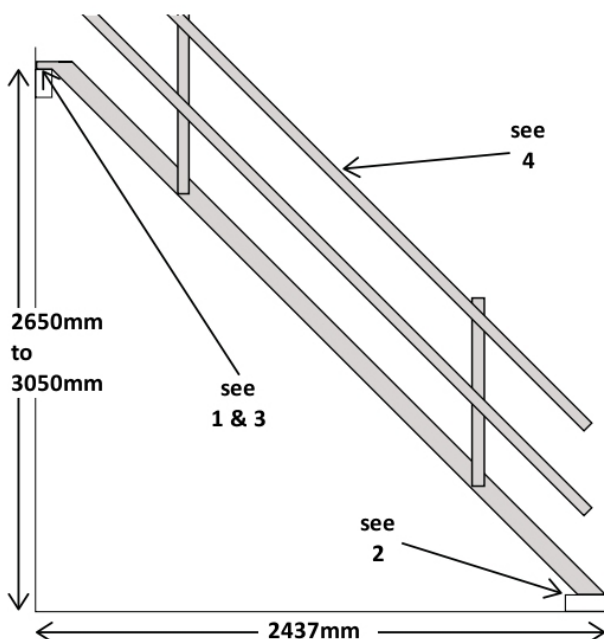
## 6. Edge protection

To comply with the work at Height Regulations and to prevent a risk of falls, ensure the floor edges of upper floors are suitably guardrailed.

## 7. Weekly Inspection

Inspect the stair unit on a weekly basis to ensure the fixings are secure and for any signs of damage.

Should there be any issues with fixings or damage, immediately prevent anyone from using the stairs until the fixings are replaced or damage repaired.



## 8. Removal

Dismantle the stair unit in the reverse order of the installation and store in a safe and secure manner to prevent trips or theft.

## WEEKLY CHECK

This check list should be used to inspect the stair unit on a weekly basis to ensure the fixings are secure and for any signs of damage or any matter giving rise to a risk to the Health & Safety of any person(s).

1. Have the stairs been erected by operatives who have had a tool box talk on the details of this check list?
2. Ensure the stairs are kept free from a build-up of substances (mud, etc.) which could cause a slip or fall hazard.
3. Are the stairs at the correct angle? SpeediStair is designed to provide easy, safe access between floor to floor levels ranging from 2.65m to 3.05m.
4. Where the floor to floor height is in excess of 2.75m has a suitable timber packer to a maximum of 300mm high, been positioned under the full width of the bottom tread to ensure the treads are horizontal? (front to back).
5. The timber should be of a suitable thickness to level the treads from front to back and be secured by two screws through the bottom aluminium tread.

### Items to be checked.

1. The upper end of the stair unit has an "L" shaped angle which should be seated fully and firmly onto the upper floor level.

The stairs must be secured by means of screws through the aluminium angle at the top of the stairs on which it is rested.

The L shaped angle must be tight to the face of the timber it is fitted to.

2. To allow for safe movement up and down the stairs are handrails positioned to both sides of the stair unit?
3. Is the correct screw fixing to all four sockets being used to tighten the guardrail frames?
4. Are the handrail nuts and bolts fully tightened?
5. To comply with the work at Height Regulations and to prevent a risk of falls, are the floor edges of upper floors all suitably guardrailed?