



SPS

STAIRWELL PLATFORM SYSTEM



To prevent falls of plasterers, carpenters
and painters in stairwells or similar voids





It is preferable that two people carry out the following operations; however, with practice, one person can complete the erection.

TRANSPORTATION AND MANUAL HANDLING

Compact frame adjusts 1.4 to 1.9 m; weighs 18 Kg

Standard frame adjusts 2.1 to 3.0 m; weighs 24 Kg

The frame of the SPS can be transported to the site in a van or secured tightly to the roof-rack of a car

- The SPS safety mat and the adjustable feet can be transported in the boot of a car
- The frame can be manually handled by one person to the top of the stairwell



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METHOD STATEMENT FOR TRANSPORTATION, ERECTION AND USE OF SAFETY EQUIPMENT. TO PREVENT FALLS OF PLASTERERS, CARPENTERS AND PAINTERS IN STAIRWELLS OR SIMILAR VOIDS.

STEP 1 - POSITION THE MAIN SPS FRAME

- From a vertical position at the top of the stairway, remove the drop-nose leg pins and release the tie straps
- Holding the 2 legs, walk carefully backwards down the stairs until the frame is in a horizontal position; temporarily stand legs on floor or a suitable tread



Safety Note: Ensure that the stairs are clear of materials and trip hazards prior to commencing.

STEP 2 - EXTEND FRAME TO LENGTH

Partially secure the right-angled bracket to the top tread of the stair and secure using a minimum of 2 x 38 mm screws

- Unscrew the frame extension clamp knobs and extend frame to fit length of void
- If necessary, lift frame legs to enable insertion of adjustable feet to achieve required height.
- When frame is at required length then tighten fully the frame extension knobs.



Safety Note: The frame must be secured on the top riser with at least 2 x 38 mm screws.

STEP 3 - SET THE ADJUSTABLE LEGS

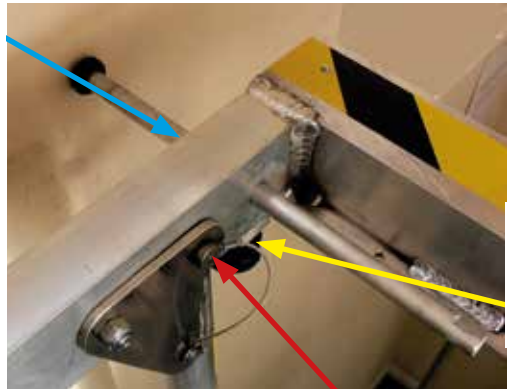
- Adjust the extendable legs to support the frame; see picture showing legs on a bottom winder staircase
- When both legs are in correct position, ensure frame is square and level using spirit level
- Fully secure the right-angled bracket to the top tread using a minimum of 2 x 38 mm screws



STEP 4 - SECURING THE FRAME

Insert the drop-nose pin at the top of each leg into position (red arrow: when leg is correctly positioned, pin will slide in easily)

- Flip drop-nose to secure pin (blue arrow)
- Extend horizontal stabiliser bars each side until they rest against the adjacent trimmer and/or the block wall to eliminate all lateral movement
- Tighten small black clamp knob under each side of frame (yellow arrow)



STEP 5 - FIXING THE SPS SAFETY MAT

- Partly extend the SPS safety mat and place it on frame (at rear) with one end over the single locating pin.
- Extend SPS fully to totally cover the top of the SPS frame and place front end over 2 locating pins, above top tread (red arrows)

Safety Note: The frame must be secured on the top riser with at least 2 x 38 mm screws.

The locating pins prevent any sliding or movement when the SPS mat is in position. It is therefore important to check that these pins are not damaged or broken.



STEP 6 - USING THE SYSTEM

- Once in position, the frame will easily take the weight of one man and some materials. It should not move or rock from side to side if all the stabilisers are positioned correctly
- The SPS safety mat can be easily slid back to allow full and easy access for operatives and materials.



Safety Note: The mat is not suitable to be loaded out with materials. Maximum spread load is 150kg

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SOLUTIONS TO SPECIAL PROBLEMS – USING ACCESSORIES

- When kites are at the top of the stairs, the third adjustable foot is fitted through a circular bracket on the frame (blue arrow) to give support to either side, depending on the direction of the kite (see picture on left below).
- A typical full winder stairway can be protected with two Compact SPS systems (two pictures below lower right). A similar method is used for half-landing stairs.



- Any likely or worrying instability can be eliminated by using the accessory Stabiliser Arms available (see pictures to right)
- Accessory handrails are recommended: Use SPS safety posts, clamps and telescopic rails, adjustable to suit all typical stairway applications (see pictures below on left).
- For plastering, painting, etc, high above the frame level, the SPS frame can be raised by up to 300 mm by using additional short adjustable feet (see picture below right).



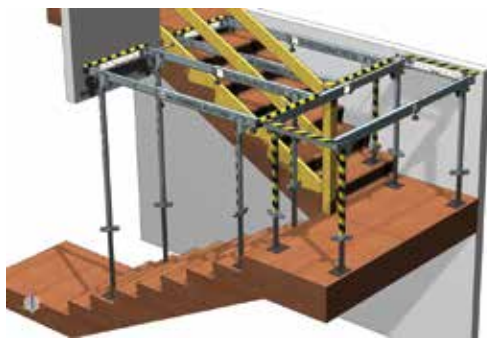
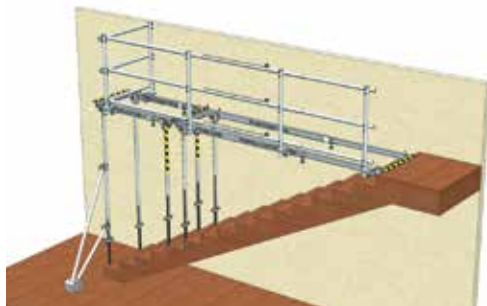
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Customer Services

Advice, on-site training, maintenance & repair services are available from our mobile teams across the UK, or from our base at Bicester near M40 motorway

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