

Platform Access Steps

(Operations and Installation)



Important Notes:

All installation work must be thoroughly planned before work commences on site to identify hazards and assess risk.

These instructions form guidance for the operation and installation of Platform Access Steps. Non-standard applications should be approved by a suitably qualified engineer.

Ensure all personnel engaged in installation operations are properly briefed and adequately supervised by a competent person.

THIS DOCUMENT IS NOT CONTROLLED WHEN PRINTED

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**IF IN ANY DOUBT SEEK FURTHER ADVICE:
24 HOUR HELPLINE: 0370 240 2381**



Certification Number 14419
ISO 9001
ISO 14001
ISO 45001

Rev	Date	Comments	Initial
1.3	29/09/20	Update	DSW

Introduction

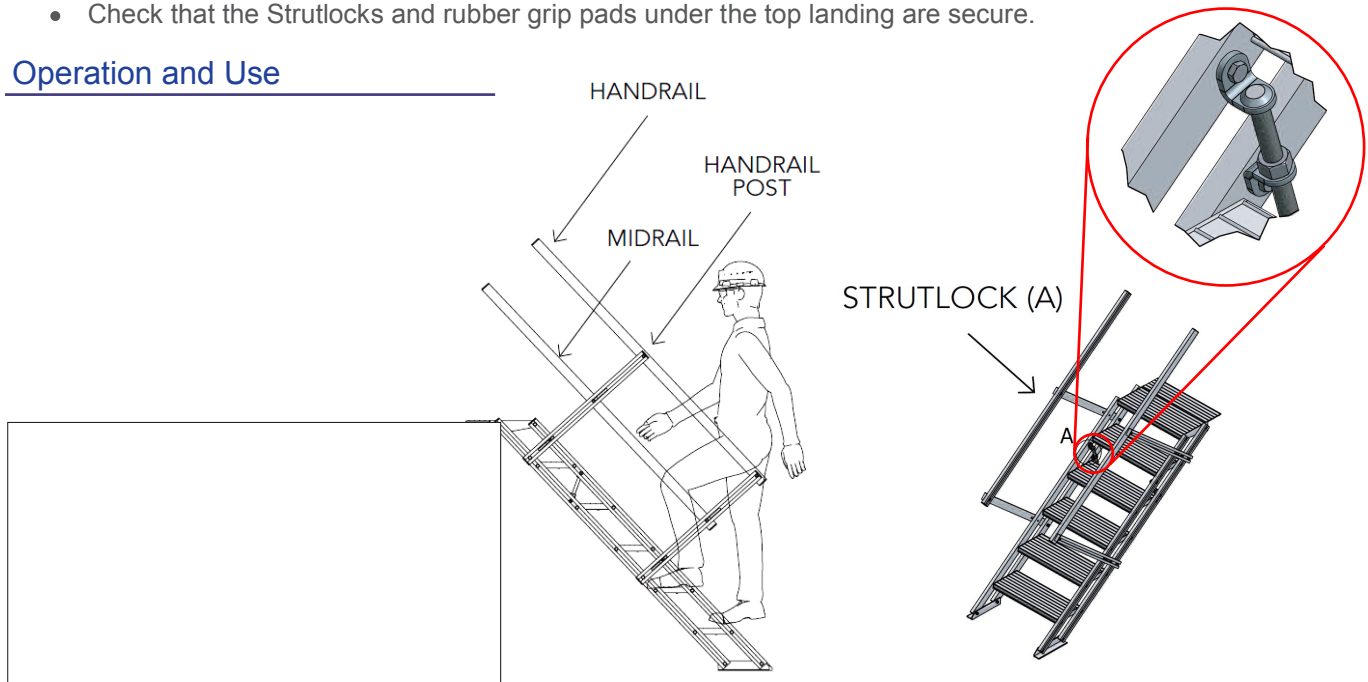
Please read the following instructions carefully and do not use the stairs until the instructions have been read and understood. The Platform Access Steps are designed and manufactured to the requirements of BS EN 12811-1:2003. Any operator expected to use or install the Steps should have received training in their safe use and have performed a risk assessment prior to use.

These steps do not require the Network Rail PA process and can be classed as uncontrolled equipment. The equipment is NOT to be used in areas with 3rd or 4th rail systems unless there is a secured isolation and the rail that would be nearest the bottom of the steps has been tested prior to the use of the steps. A conductor rail shield must be used in conjunction with the equipment and secured on the 3rd rail at the base of the steps prior to use.

Pre-use Checks

- The Platform Access Steps should be checked monthly for damage such as dents, stress cracks, weld cracking, buckling, missing components, damaged hardware etc.
- If any of the above defects are discovered these should be immediately reported to the site supervisor. Use of the steps should be discontinued until clearance is given for use.
- Check that the step pivot bolts/nuts are secure before each use. Ensure there are at least 2 turns of bolt thread visible beyond the nylon nuts. **Note:** the nuts must not be over-tightened as this will reduce the adjustability of the stair.
- Ensure each step is kept clean of rubbish and grease etc. Clean regularly with a standard cleaning agent and water. Ensure the conductor rail shield is not damaged.
- Check that the Strutlocks and rubber grip pads under the top landing are secure.

Operation and Use



1. Place the steps on the support surface with the top step facing the side of the platform.
2. Remove the wing-nut from the hand tightened bolt in the upper stringer and remove the bolt.
3. Swivel the Strutlocks into the receiving brackets with locking nut as shown above circled red. Adjust the nut to achieve the final step height, locking the steps into the correct position.
4. Raise the top step end of the stair and place it on to the open side of the platform being accessed. Adjust the angle of the steps to ensure they are level and that the notch in the top step fits firmly onto the edge of the track.
5. Slide the loose bolt into the slot in the handrail post and through the hole in the upper stringer. Ensure the head of the bolt fits into the groove in the handrail; post extrusion.

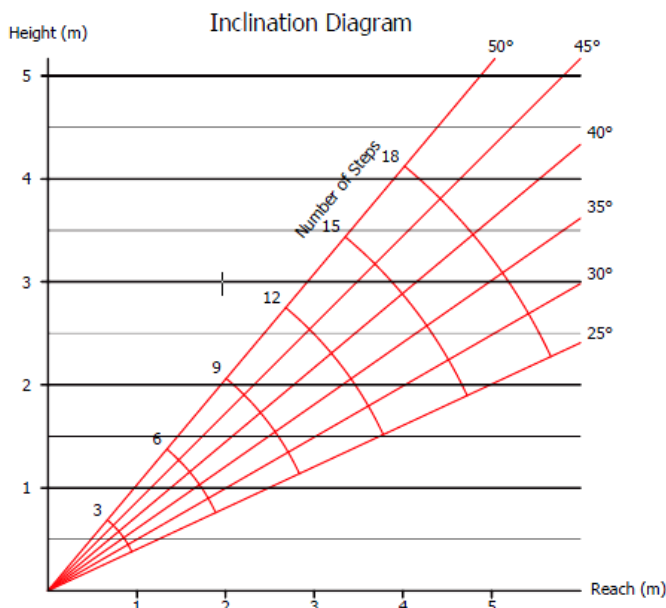
Operation and Use Cont...

6. Slide the nylon washer over the bolt and reattach the twist knob. (do not tighten the twist knob at this time).
7. The above steps are to be completed on each handrail post.
8. The standard angle of slope range for a safety stair is 30 - 45 degrees. The operator must face away from the stair when descending and maintain 3 points of contact when ascending and descending.
9. The safety stair can also be used at a 65 - 75 degree range, however, the operator must descend the stair facing it, again maintaining 3 points of contact during ascending and descending.
10. Tighten the wing nuts firmly onto the bolts in the handrail posts.

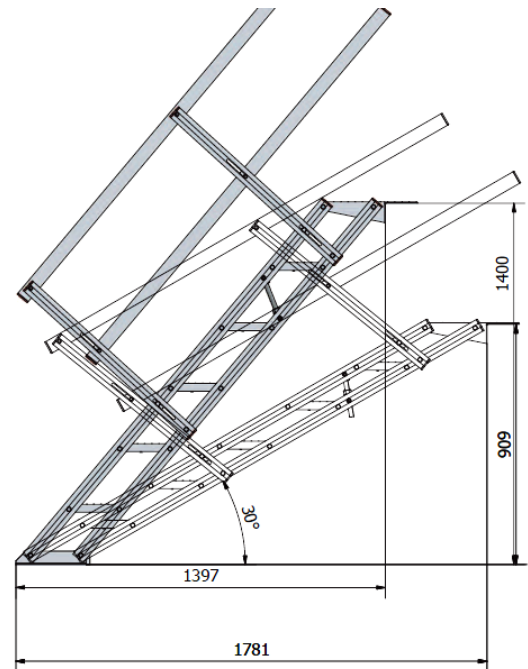
The Platform Access Steps system is now ready for use.

Safety Note: The manufacturer's recommended maximum safe working load limit is displayed on the Platform Access Steps and must not be exceeded.

Height Range



Note: National Regulation may impose other requirements: take these into consideration.



Do not use the Platform Access Steps:

- If the total load will exceed the manufacturer's SWL.
- If the user is affected by alcohol or drugs.
- If any conductors of an overhead electrical powerline are less than 4m from the platform steps.
- If the Step's Strutlocks are not in place and adjusted correctly.
- If the rubber grip pads are not in place under the top step.
- If the Step's handrails are not in place with bolts securely tightened.
- If the Steps have not been subjected to regular maintenance checks or is known to be defective.
- When the steps are greasy or slippery and poor footing results.
- If the unit has not been installed correctly and been signed off as fit for use by the site safety supervisor or authorised person.
- If the angle of slope of the Steps is outside the ranges stated in these instructions.

Note: Platform Access Steps may be stored outside - store in a safe clean area when not in use.