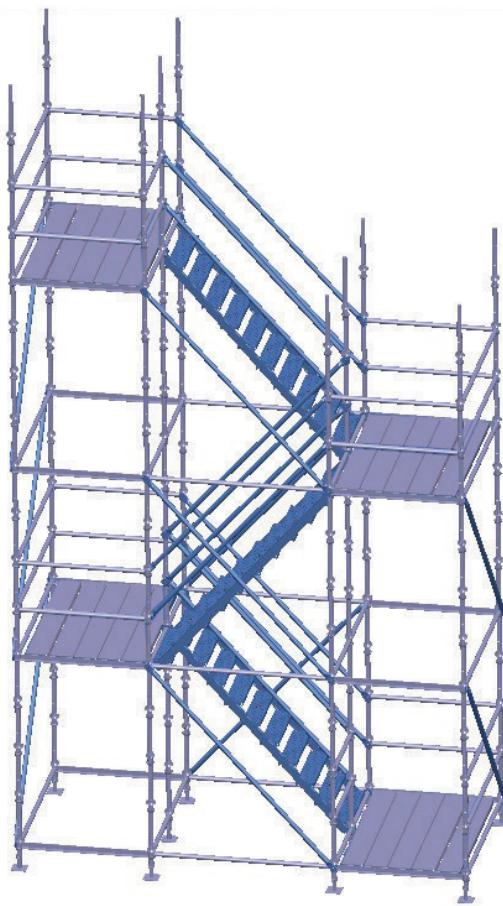


**TAKING YOU TO NEW HEIGHTS IN SAFETY...**



# **alu-lok** stair unit user guide

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# TAKING YOU TO NEW HEIGHTS IN SAFETY...

**Alu-Lok Aluminium Stair Units have been designed for use with System Scaffolds that use a "Cup" connection and are compliant with all current British and European Standards.**

## General Notes

Ideally the scaffold should be made up of equipment from one source of manufacture but in all cases must comply with the original manufacturer's specification.

**Alu-Lok** can be used on four, eight and ten leg staircase towers with versions for both 1.5 metre and 2.0 metre lifts, which can be combined in any vertical configuration to suit required platform heights.

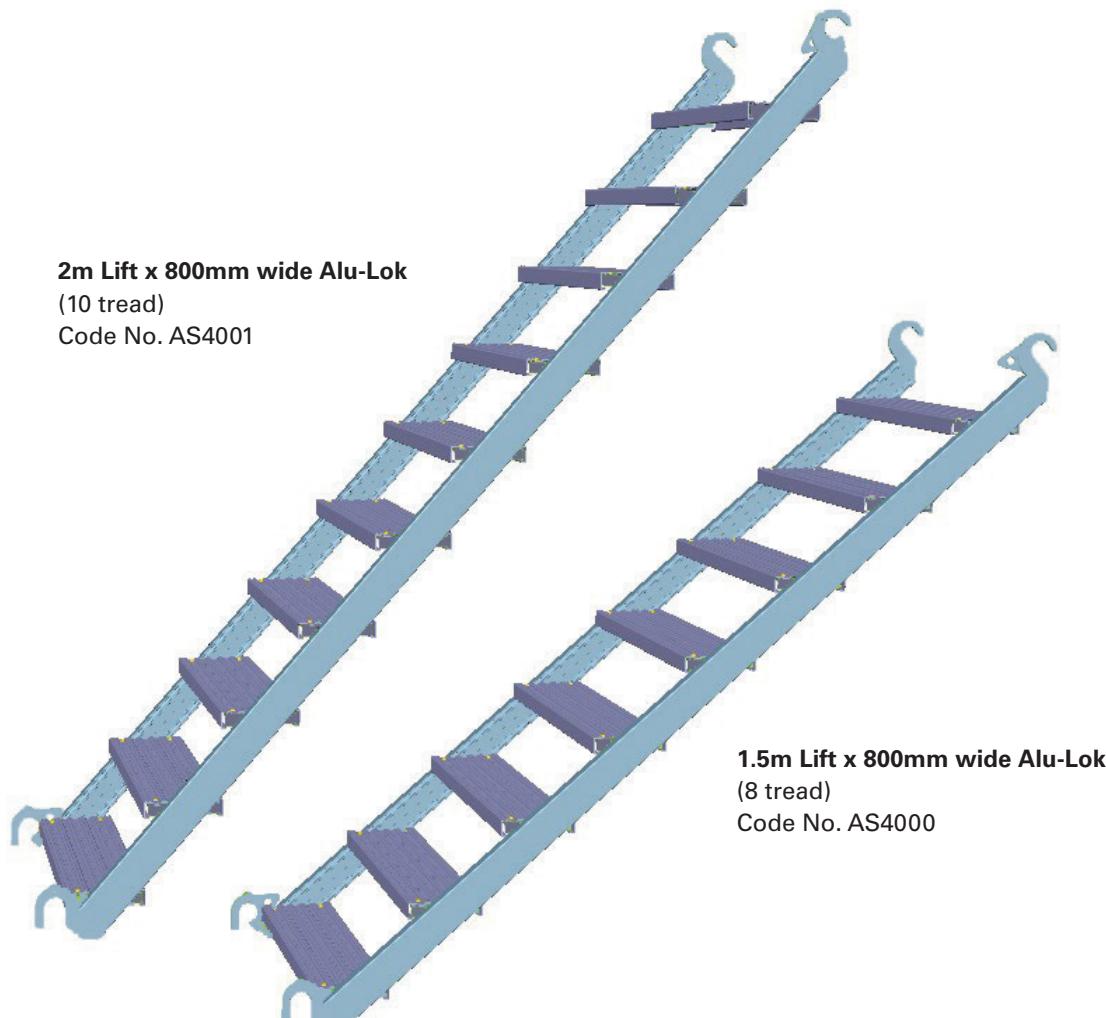
In compliance with current Codes of Practice ensure that ground conditions are both level and suitable for load-bearing.

It is essential to refer to the scaffold manufacturers handbook when considering the appropriate bracing and tying-in for each application.

The **Alu-Lok** also uses standard Brace Items to form Guardrails eliminating the need for expensive non-standard components.

If Toe-Boards are required then refer to the scaffold manufacturer for further details.

**Alu-Lok** has been specifically designed so that it can be quickly and easily maintained to guarantee continued safe use. Refer to page 3 for simple inspection procedures to ensure **Alu-Lok** is always ready for use.

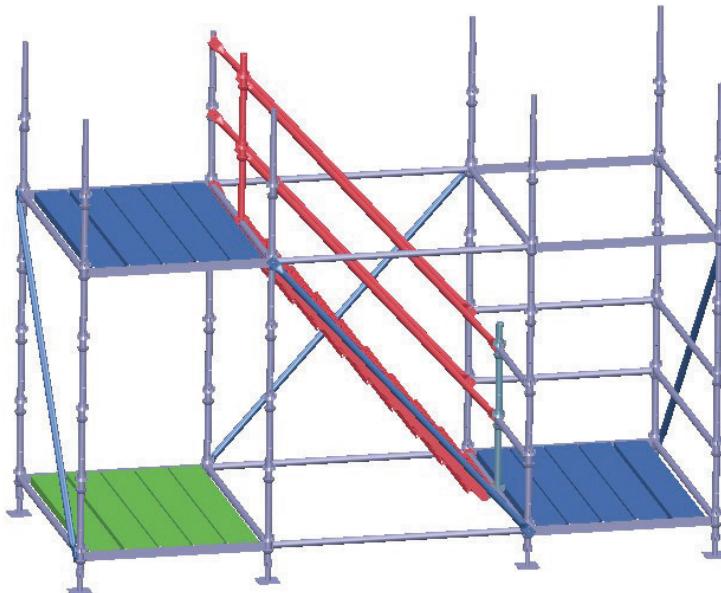


(2)

## Erection Procedure

- Set out a 1.8m x 1.8m Stair bay and attach a 1.3m x 1.8m Landing bay at either end as shown above giving a plan area of 1.8m x 4.4m. If attached to a scaffold run the internal diagonal bracing can be omitted. Fit Guardrails at first Landing position and, using temporary work platform fit second Landing position and install **Alu-Lok** Stair and Guardrails.

Secure the **Alu-Lok** Stair Unit on to the scaffold with the locking mechanisms (2No.)



- Continue building using the same procedure until the required top platform height has been reached.  
This can be achieved using a combination of both 1.5m and 2.0m lifts.



(3)

## Inspection & Maintenance...

### Alu-Lok Aluminium Stair Units

1. Clean off all site debris. **Do not use chemicals containing Acid or Alkali as corrosion damage can occur.**
2. Inspect stiles (side members) for dents or other damage and check tee-slots for any distortion. If missformed or severely damaged then remove from service for further evaluation.
3. Inspect all stair treads for security and for evidence of impact damage and where necessary replace, ensuring all fixing bolts are secure and tightened, including those connecting the cleat to the stile.
4. Check that top and bottom locking mechanisms are free to move correctly and are not damaged. If necessary replace any damage components.

The **Alu-Lok** is a completely bolted assembly and in the very unlikely event of a bolt working loose the tread will tend to rattle making identification easy ensuring inspection and rectification both quick and straightforward.

This assembly method also means that no tread can ever become fully detached since no joint relies on a single bolt connection.

Under no circumstances should any attempt be made to straighten aluminium components, as this could result in serious weakening to the product. In such circumstances remove item from service for further evaluation.

**If there are any doubts concerning inspection, maintenance or repair refer immediately to your supplier for further guidance.**