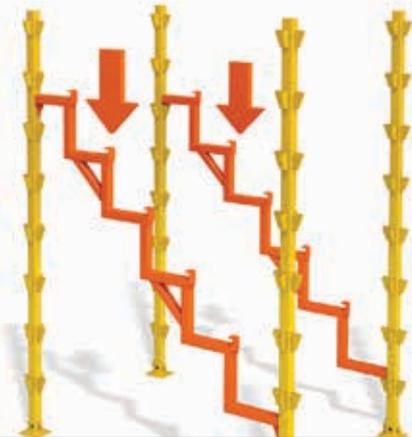


Rhino®

Rhino Stairs

STAND ALONE OR FOR USE
WITH RHINO LOAD DECK
FOR SAFER, FASTER ACCESS



METHOD STATEMENT



SAYFA
SYSTEMS UK



RHINO STAIRS METHOD STATEMENT

1.0 PLACE AND PURPOSE OF USE

- 1.1 The Rhino Stairs System is designed for use inside a building during construction and as a temporary stair access. It can also be erected as a temporary stair system in industry. The system is to be used when access to the Rhino Load Deck, another suitable work platform or permanent floor is required. The Rhino Load Deck is suitable as a stand alone system up to 3.25m high and can be incorporated into the Rhino Load Deck if greater height access is required.

2.0 SYSTEM LOADING

- 2.1 The Rhino Stairs System is designed to carry loads of 600kg/meter square and conforms to BS EN ISO 14122-3:2001 and A1:2010.
- 2.2 All loads placed on the system will be transferred directly to the base below and it is therefore essential that the base is capable of sustaining the combined weight of the systems and any loads. The use of sole plates under the base plate of each leg is recommended.

- 2.3 The stairs have a minimum 600 wide opening. Larger sizes are available on request. The method of installation will be the same for different width stairs.



3.0 SAFETY CHECKS

- 3.1 All components to be used should be thoroughly inspected by the platform installer before use as follows:
- a) Remove build-up of mortar, mud and other debris from components;
 - b) Visually examine components for any sign of structural damage or fatigue.
- 3.2 When the installation is complete, it should be signed off by an authorised manager. The system should also be visually inspected at the beginning of each work session to ensure that none of the components have either been removed or damaged.
- 3.3 Any damaged components or components with excessive mortar build up must be segregated and removed from service.

4.0 INSTALLATION

- 4.1 Safety platform installation work shall only be carried out by trained personnel who are thoroughly conversant with the requirements of this Method Statement.
- Installers should also adhere to all current Health and Safety Rules, such as the wearing of protective clothing, i.e hard hat, high visibility Vest/Jacket, metal toe capped boots and hand protective gloves.
- 4.2 Ensure that the base is of sufficient strength and of suitable composition to support the system and for the load to be placed on the system.
- 4.3 Ensure that the base provides a level surface.
- 4.4 Thoroughly clear the base material space of all rubbish & debris.

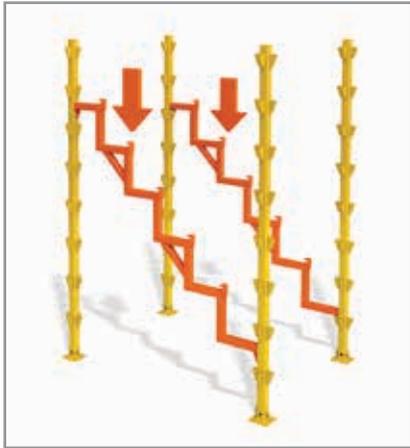


Figure 4.5.1



Figure 4.5.2

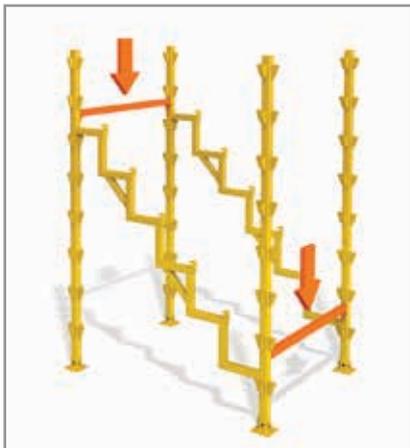


Figure 4.6



Figure 4.7



Figure 4.8.1



Figure 4.8.2

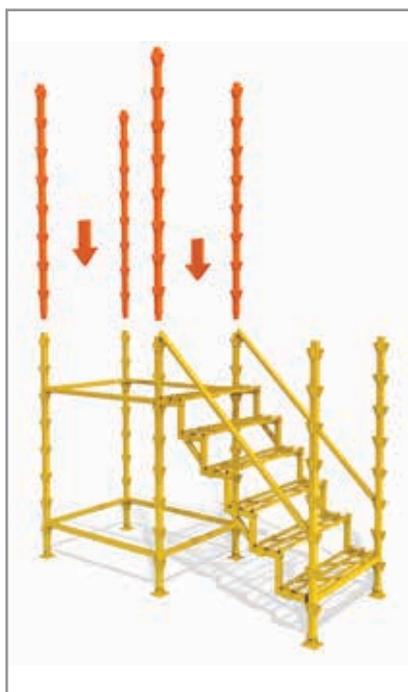


Figure 4.9.1

4.5 Take 2 of the leg uprights and attach a stair stringer (Figure 4.5.1). Attach the stringer on the first spigot near the base of the first leg and then attach to the 2nd leg on the appropriate spigot. When assembled the horizontal bar on the stringer should be level. Attach the stringer into the spigots by sliding the fin into the spigot on the leg (Figure 4.5.2). Spigots have been fitted at 250mm centres on the legs to maintain a consistent rise throughout the flight of stairs.

4.6 Fit cross braces across the legs on the first spigot height - 250mm from base - and across the spigot which is level with the top of the stringer. (Figure 4.6).

4.7 Fit the stair treads and the handrails. On some flights of stairs it may only be possible to fit the lower level of handrail at this stage. The first handrail must start 2 spigots up from the stairtread - 500mm and the 2nd handrail must be 2 spigots up from this - 1000mm from stair tread (Figure 4.7).

4.8 At this stage the stair will be at a maximum height of 1.5m from the finished ground level. The stair can now be increased by another 750mm rise or a 1.5m rise giving a total rise of 2.25m or 3.0m respectively. Select the most appropriate size of stringer. (Figure 4.8.1 and Figure 4.8.2)

4.9 Add the next stringers on by inserting into the next spigot up from where the previous stringer finished - 250mm up from last stair. Fit 2 more legs which have been joined by a leg joining spigot (Figure 4.9.1) and attach the top of this stringer to the appropriate spigot on the leg (Figure 4.9.2 - Overleaf)

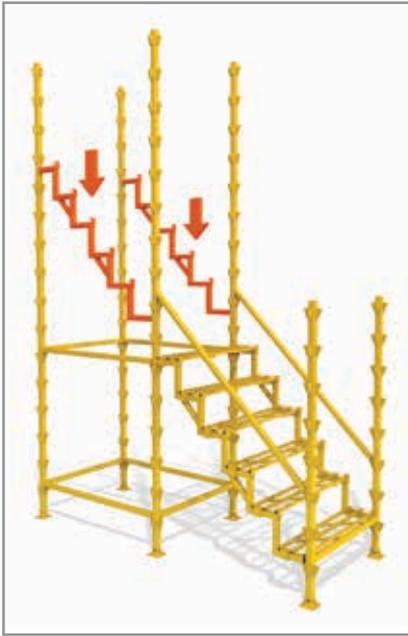


Figure 4.9.2

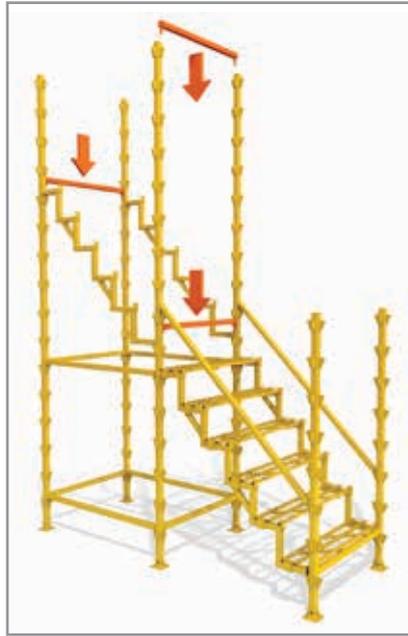


Figure 4.10

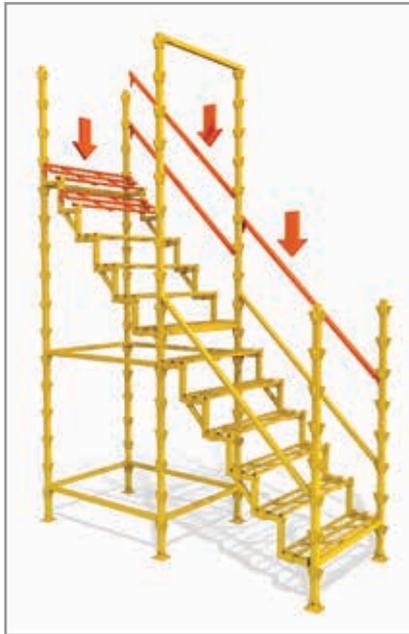


Figure 4.11

4.10 Fit cross braces across and parallel to the stringers on the first spigot - 250mm from base - and on the spigot level with the top of the first stringer and across the spigot which is level with the top of the stringer. (Figure 4.10).

4.11 Fit stair treads and handrails. Complete all handrail on first flight if required. (Figure 4.11).

4.12 Adjust base plates if necessary to level the stairs (Figure 4.11).

4.13 Signing off and system approval.

Only a qualified trained operator should sign off the system as correct for use. Ensure the system has been thoroughly checked and certified as correct for use before allowing any persons to use.

5.0 ACCIDENT NOTIFICATION

5.1 In the event of an accident involving the use of the Rhino Stairs System, the details of the accident together shall immediately be reported to Sayfa Systems UK.

6.0 DISMANTLING RHINO STAIRS

6.1 Work from 4.11 to 4.5 (reverse order) to dismantle.