

## ERECTION GUIDANCE

### TOWERS USED IN FACADE (TIED)

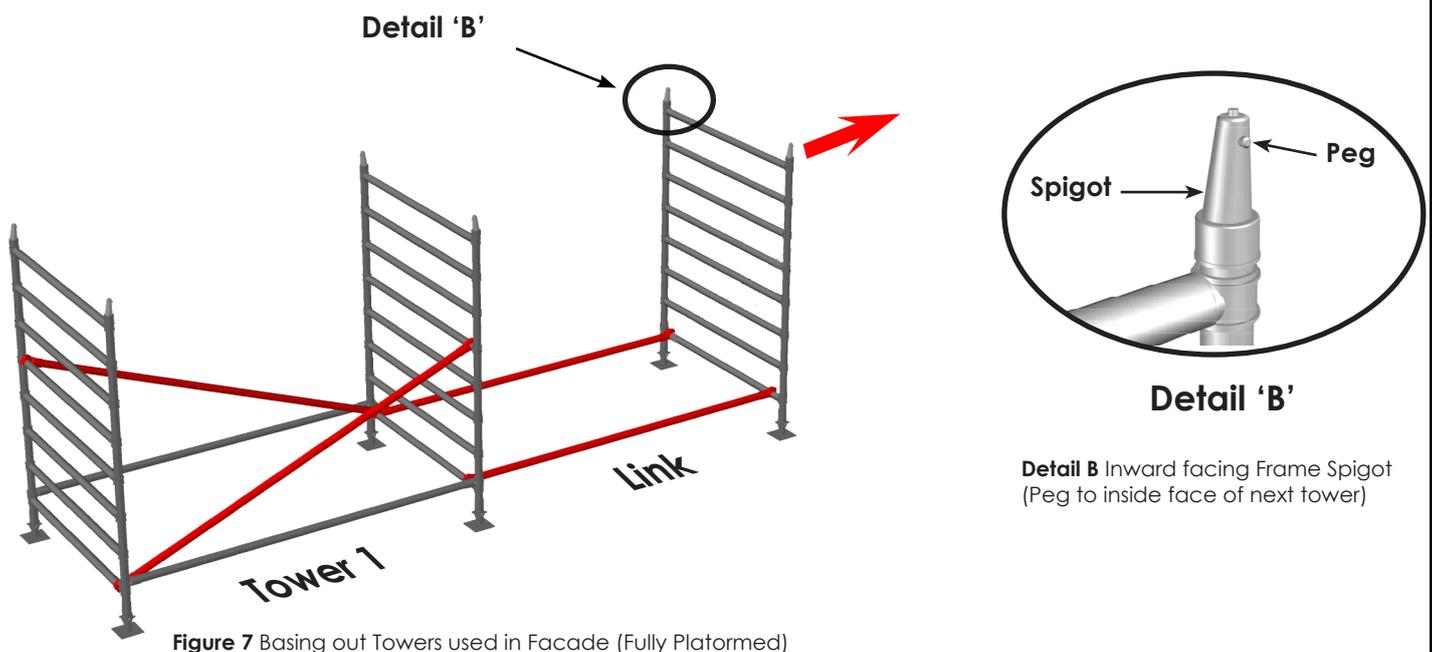
1. Refer to the Base Section (steps 1 to 5) pg.4 for the assembly of Tower 1 base.  
**Note** Ensure that an exclusion zone has been erected and warning signs fitted as instructed.

The assembly of the wall scaffold is essentially a series of towers with links between them. To continue with basing out the wall scaffold, it is necessary to select the appropriate size of horizontal braces (to suit the link) and then attach them to the next frame for the next tower.  
*Note It is important to ensure that the frame's spigot faces to the inside of the next tower to be erected (Detail 'B') in the direction of the arrow (Fig. 7).*

### FULLY PLATFORMED

The following instructions are for towers used in a facade that are fully platformed and tied. For top lift only platformed structures, follow the steps detailed for fully platformed structures and then read the additional steps required to complete *Towers used in a Facade - Top lift only platformed* (page 12).

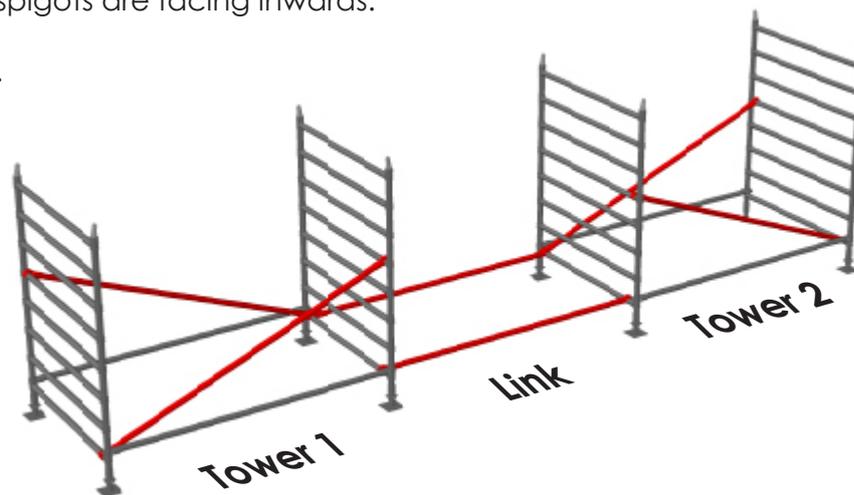
**Note** Ensure that all trapdoor platforms are situated in the same tower to maintain access when other platforms are removed.



2. Fit two legs to two base plates and then turn the height adjustment collar on each leg until approximately 100mm from the lower end.
3. Fit leg assemblies to an 8 rung span frame. Insert each leg until the collar is in contact with the frame's tubing.
4. With the frame's spigot facing inward (Detail 'A'), attach two horizontals to the upright of the frame, above the first rung, and link to tower. square the frame to the tower.  
**Note** It may be advantageous to place a platform at low level to assist in "squaring" the link.
5. With the aid of a spirit level, you should now make any necessary adjustments to level the link by turning the adjustment collar.

6. Continue with the assembly of Tower 2 by repeating steps 2 to 5 ensuring that Tower 2 frame's spigots are facing inwards.

Repeat until base is complete.

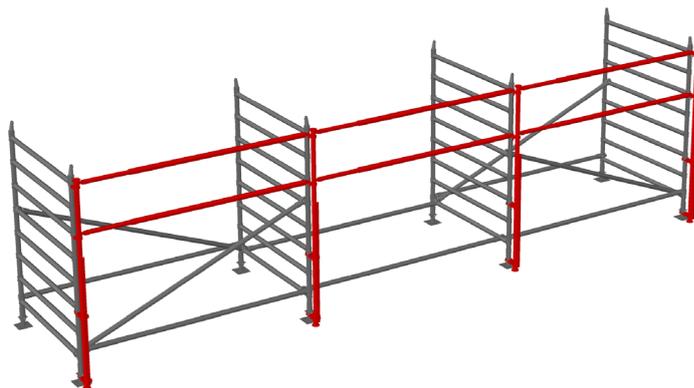


### Install sufficient Advanced Guardrail.

**Important Note** This may include equipment to both the back face as well as the facade.

For the purposes of this guidance it has been assumed that the scaffold is being erected against a solid structure (omitted for clarity) and therefore Advanced Guardrail is not required to the internal face of the scaffold structure.

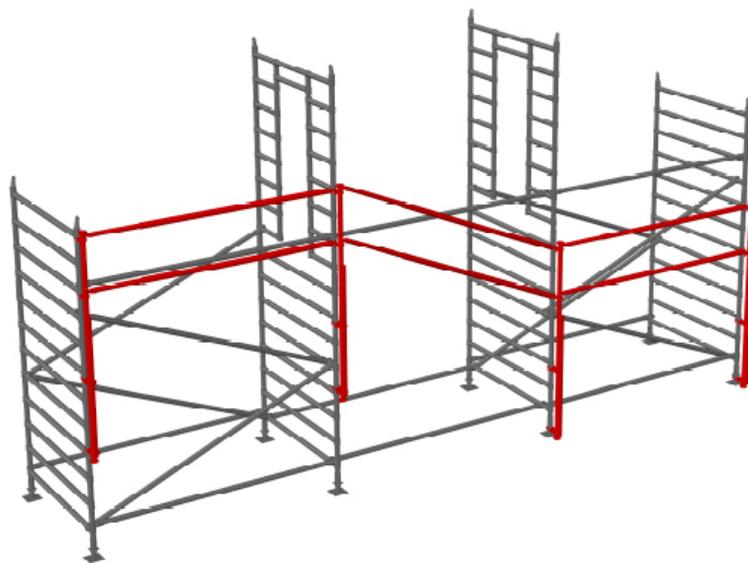
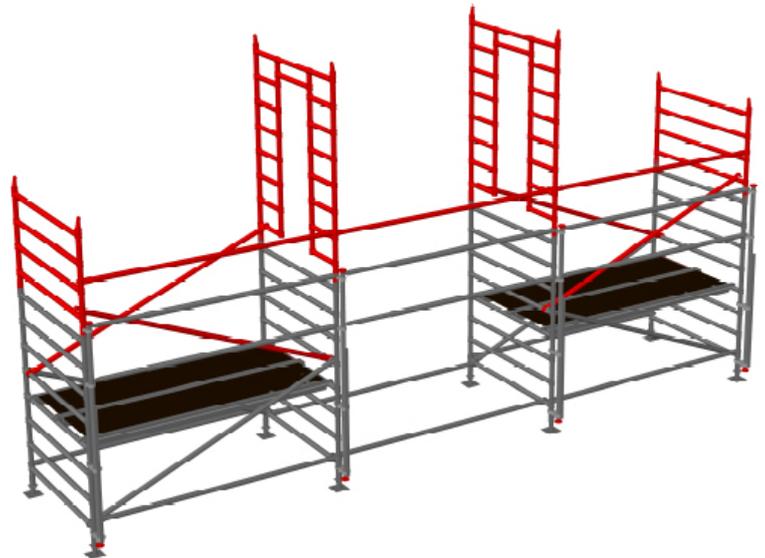
7. Attach Advanced Guardrail to frame uprights on outside face as detailed in *Assembling Upper Frames* section of the guidance (Page 6 - steps 1 to 4).



8. Place a trapdoor platform and fixed platform to 1m level (4 rungs) of both towers ensuring that the trapdoor hinge is to the outside edge.

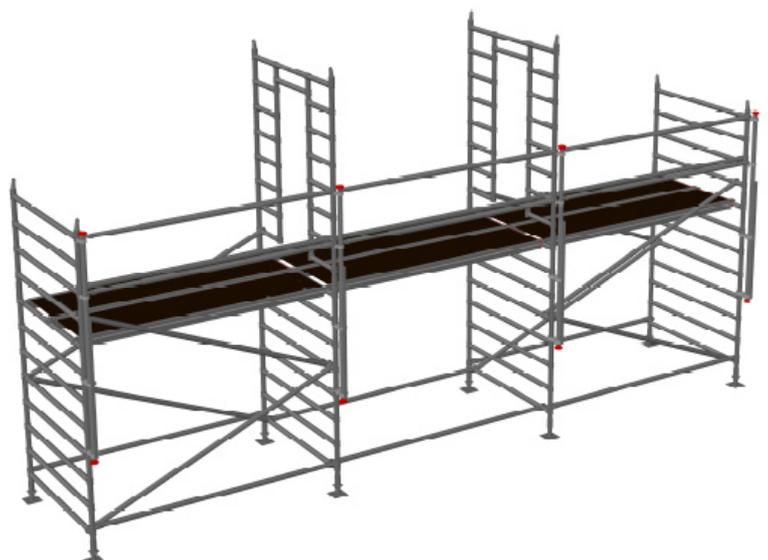
**Note** This platform is used temporarily to assist in the erection of the scaffold structure.

9. Add two 1m (4 rung) frames on top of the existing end frames.
10. Add two 2m (8 rung) walkthrough frames on top of existing centre frames.
11. Attach two diagonal braces from 5th rung of lower frame and attach to 1st rung of opposing 1m (4 rung) end frame in both towers in accordance with bracing pattern.
12. Attach two diagonal braces from 5th rung of lower frame and attach to 1st rung of opposing walkthrough (8 rung) frame in accordance with bracing pattern.
13. Fit horizontal braces (outside face) to 2nd rung of upper frames to form lower scaffold guardrail to 1st lift platform level.

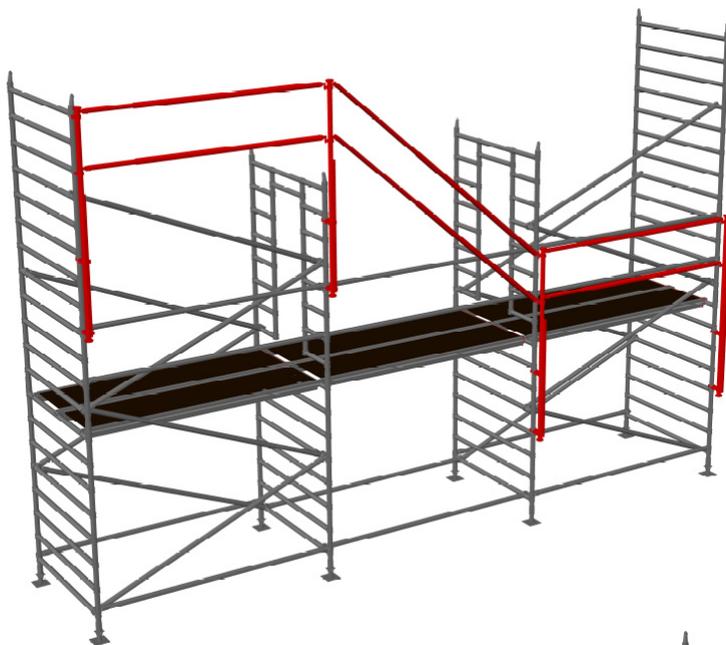
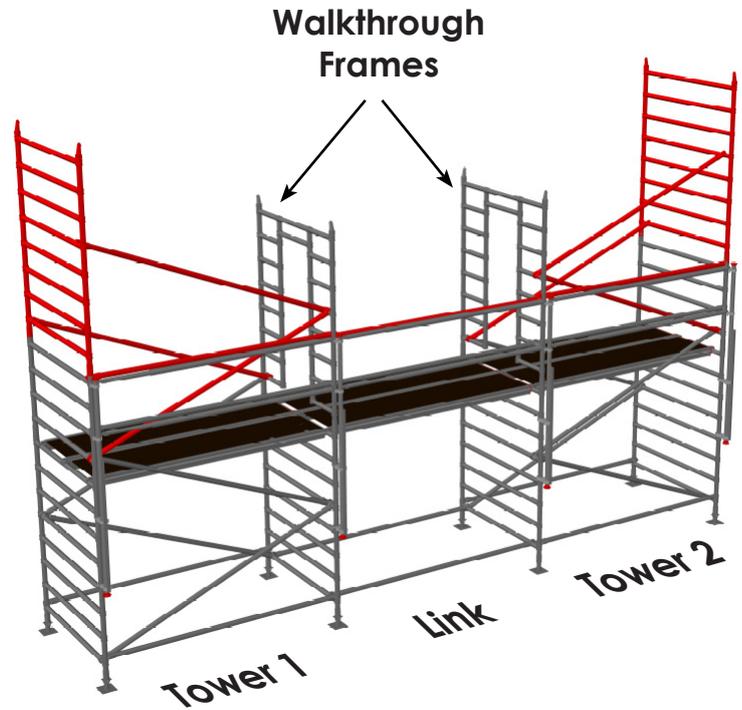


14. Remove temporary platforms from 1m level in both towers.
15. Raise Advanced Guardrail verticals into a position where the upper telescopic guardrail is one metre above the platform level by releasing the attachment hooks (using either the lower or upper control handles) and lock in the open position.
16. Lift the verticals, in turn, and attach at the appropriate height. Lock and secure the attachment hooks and turn verticals inward to face of tower (platform) to minimise gap.

17. Place platforms to 1st lift level (8 rungs) ensuring that a trapdoor is placed in one of the towers (trapdoor hinge is to be set to the outside edge).

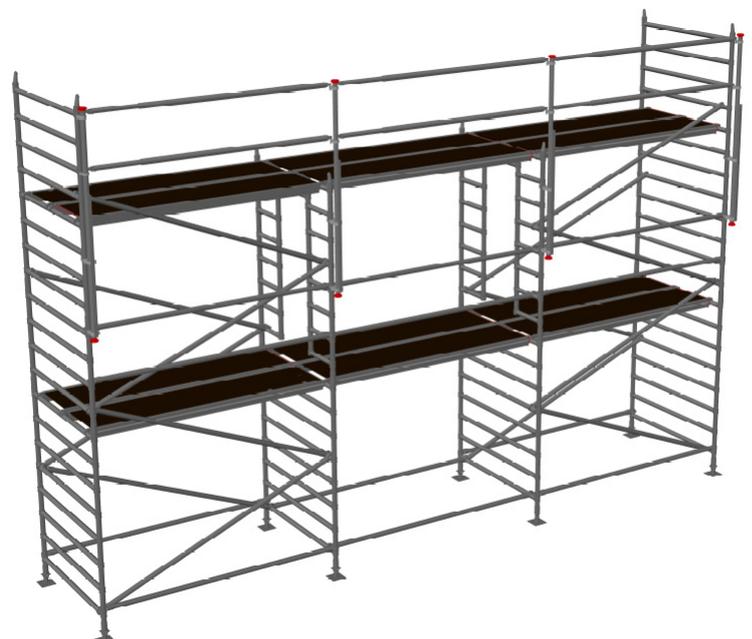


18. Add two 2m (8 rung) frames on top of the existing end frames.
19. Attach two diagonal braces from 1st rung of walkthrough frame and attach to 1st rung of opposing 2m (8 rung) frame on both towers (1 & 2) in accordance with bracing pattern.
20. Attach two further diagonal braces from end frames (1st rung above platform level) in both towers and attach to 5th rung of walkthrough frames.
21. Fit horizontal braces to both towers and link, to form top scaffold guardrail to 1st lift platform level.
22. Attach two further diagonal braces from 5th rung of walkthrough frames to 5th rung of 8 rung end frames in Towers 1 & 2 in accordance with bracing pattern.

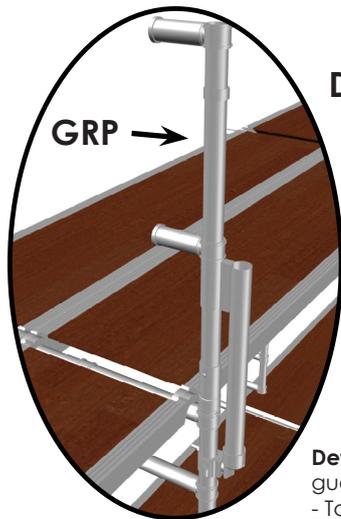
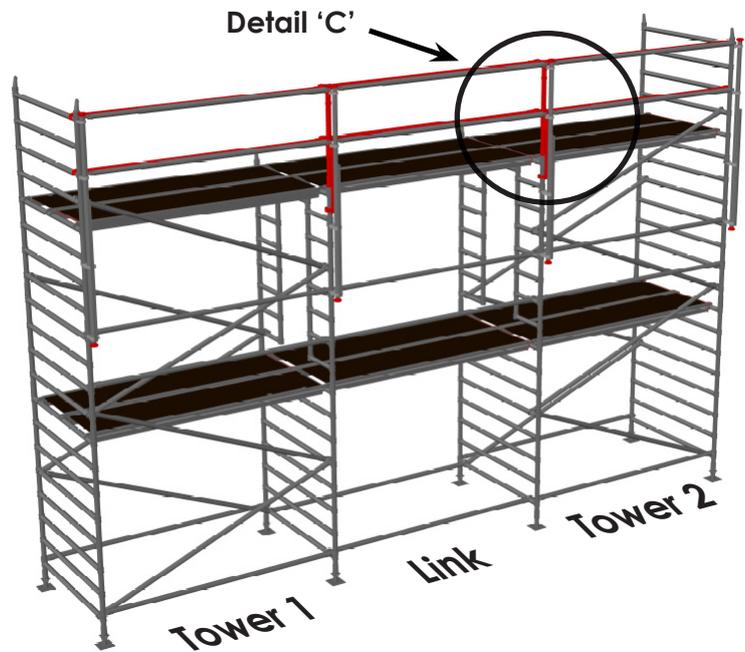


23. Raise Advanced Guardrail verticals into a position where the upper telescopic guardrail is one metre above the second lift platform level.

24. Place platforms to 2nd lift level ensuring that a trapdoor is placed in one of the towers (trapdoor hinge is to be set to the outside edge).



25. Fix two guardrail posts (GRP) to outside face of centre frames to allow horizontal braces to be attached (Detail 'C').



Detail 'C'

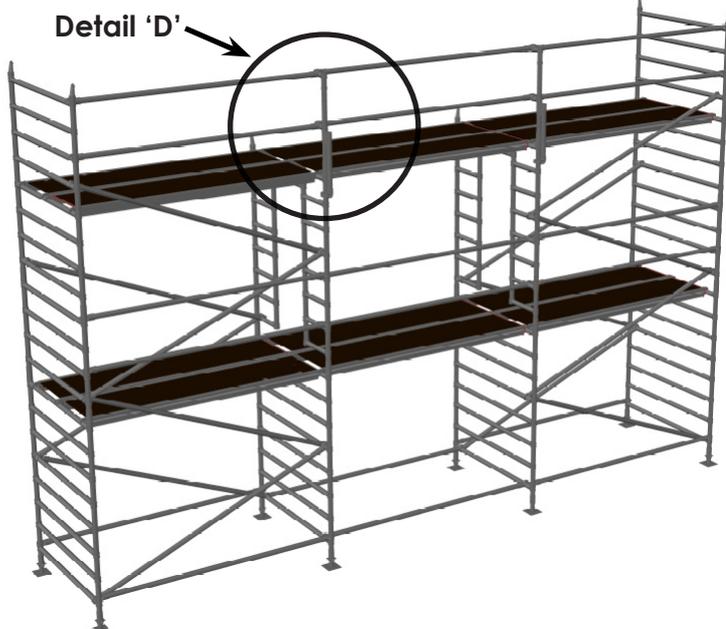
26. Fit horizontal braces to 2nd and 4th rungs above platform level of both towers and link, to form permanent handrail to 2nd platform level (Detail 'D').

Detail C Installation of guardrail posts at top platform - Towers used in Facade

Detail 'D'



Detail D Installation of horizontals fitted to guardrail posts at top platform - Towers used in Facade



27. Fit toeboards to all working platforms.

Scaffold is complete.

When scaffold structure has been erected to full height and completed with all scaffold guardrails in place, dismantle PlusGard™ (at the top of the structure), remove and store safely.

**Note** Toeboards have been omitted from the illustrations for clarity. Ensure that toeboards are fitted to all working platforms in accordance with Manufacturer's Instruction Manual.