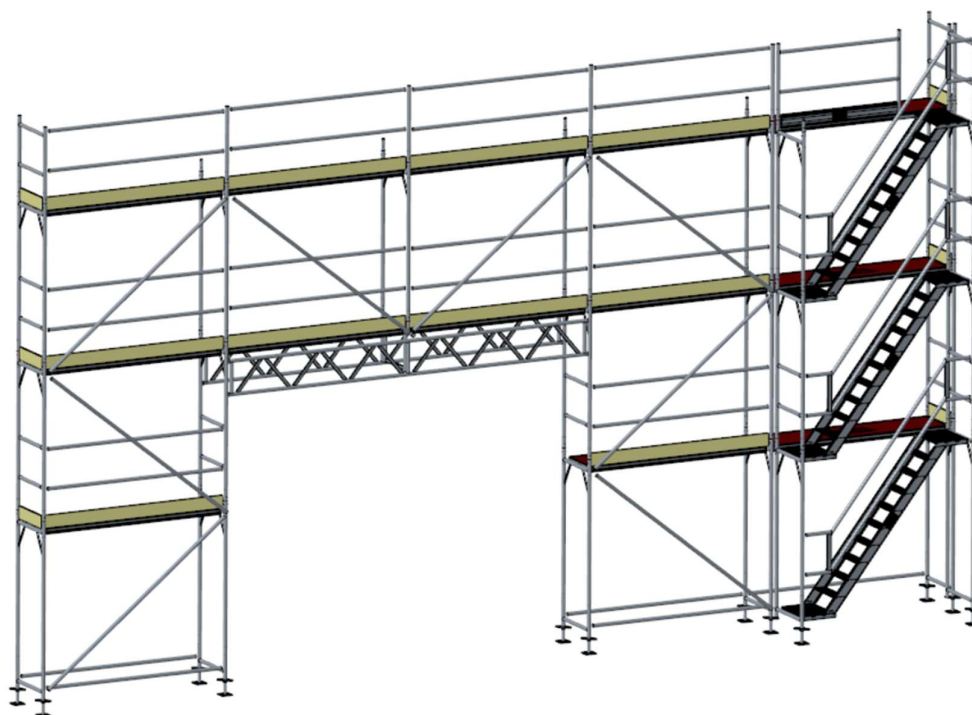


Assembly and User Manual
CUSTERS® Facade Scaffold
Handy Super 4



Maximum load: 200 kg/m²
Maximum platform height: 25m

9505200020EN

May 2026

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1. Introduction

The Custers facade scaffold is part of a wide range of aluminium scaffold variants. The Custers facade scaffold complies with EN 12810, provided it is assembled in accordance with this manual.

The Custers facade scaffold is available in the following configurations:

- Bay length : 2,5 of 3,05 m
- Bay width : 0,69 m
- Lift-(or storey-) height : 2,0 m.

This manual is intended to guide you step by step in assembling your facade scaffold easily and safely. Incorrect assembly may create hazards for the user. Carefully read the safety instructions before starting the assembly. Assembly and dismantling must be carried out by experienced and competent personnel.

The user is responsible for ensuring that the manual is available at the location where the facade scaffold is assembled and used, as well as for the person supervising the work.

If there are any uncertainties regarding this manual, please contact your supplier and/or manufacturer.

Manufacturer:

Custers Hydraulica B.V.
Smakterweg 33
5804 AE Venray The Netherlands
Telephone: +31 (0) 478 553 000
Website: www.custers.nl
Supplier:



2. Warranty and Liability

Custers provides a warranty for material and manufacturing defects up to 12 months after delivery.

The warranty means that we will, at our expense, rectify the defects or—at our sole discretion—take back the delivered goods in whole or in part and replace them with a new delivery.

If we replace delivered products in fulfilment of our warranty obligation, the replaced products become our property. All costs exceeding the obligations described above shall be borne by the customer. If products are supplied for processing, repair, etc., warranty is only given for the proper execution of the assigned work.

Our liability does not apply:

- a. If the defects are the result of improper use or causes other than defective material or workmanship.
- b. If the cause of the defects cannot be clearly demonstrated.
- c. If not all instructions provided for the use of the products, including the guidelines stated in this manual, have been strictly and fully followed.

The manufacturer's liability does not apply if the purchaser, on their own initiative, carries out or has carried out modifications and/or repairs to the delivered products.

3. Delivery Inspection

Upon receipt, check whether the scaffold has been delivered complete and undamaged. Immediately contact your supplier if you find that any scaffold components are damaged or that the delivery is incomplete.

4. Safety Instructions

4.1 Pre-Assembly Inspection

Verify that the installers are sufficiently qualified and check whether the location where the scaffold will be erected is safe and suitable.

Note:

- The ground must have sufficient load-bearing capacity; use timber pads with minimum dimensions of 200 × 32 × 500 mm under the base jacks.
- The maximum design load of a standard on the ground is 23 kN (2300 kg).
- The area must be free of obstacles both at ground level and overhead.
- The supporting structure must be sufficiently strong.
- Check whether weather conditions (wind, snow, ice) allow safe use of the facade scaffold.
- Verify that all components and any ropes required for hoisting are present at the work site.
- Damaged, incorrect, or non-original components must never be used.

4.2 Assembly

The assembly of the scaffold is described in the assembly instructions and must be carried out by at least two persons.

Be aware of fall hazards during assembly; install guardrails as early as possible. Use a climbing harness with safety line if there is a risk of falling due to missing guardrails.

The facade scaffold must be erected level; check this with a spirit level. Adjustments can be made by turning the adjustment nuts on the base jacks.

Begin assembly at the highest point of the terrain with the jacks in their lowest position.

The platforms must be secured by sliding the locking pawl of the wind-lock under the rung. The frames must be interconnected using locking pins.

The horizontals and guardrails must be installed on the uprights with the claw openings facing outward. Ensure that the claws of the horizontals and diagonals are secured using the spring-loaded locking pin.

Install edge protection (top guardrail, intermediate guardrail, and toe board) at every level as prescribed in this manual. The top and intermediate guardrails must engage above the welded stops on the uprights.

Install the anchoring and diagonals as prescribed in this manual.

If the distance between the platform edge and the façade exceeds 30 cm, full edge protection must also be installed on the inside (i.e., against the façade).

An inside toe board may be omitted if persons cannot be struck by falling materials or objects at that location.

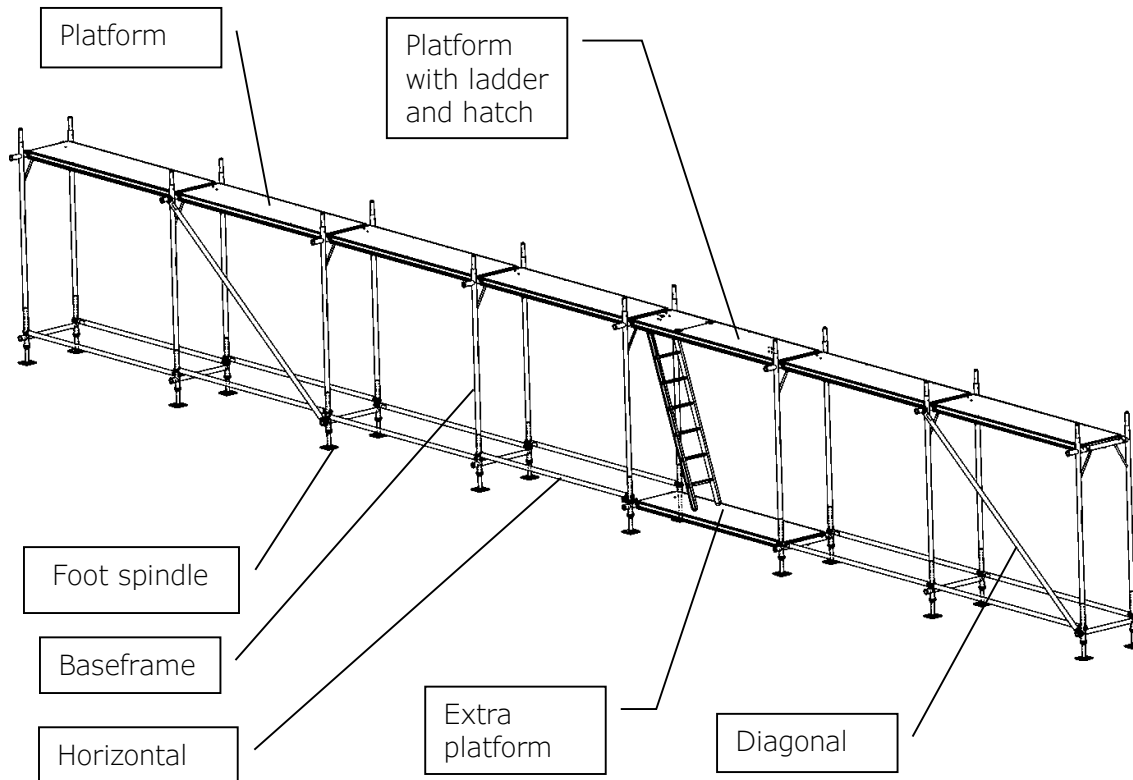
4.3 Hoisting Components

The lifting of components to higher levels must be carried out by passing the components from platform to platform. Components may also be hoisted using a sturdy rope. Use a reliable knot, loop, or hook to secure the components properly.

Hoisting equipment must not be attached to the facade scaffold.

5. Assembly of the Facade Scaffold

5.1. General



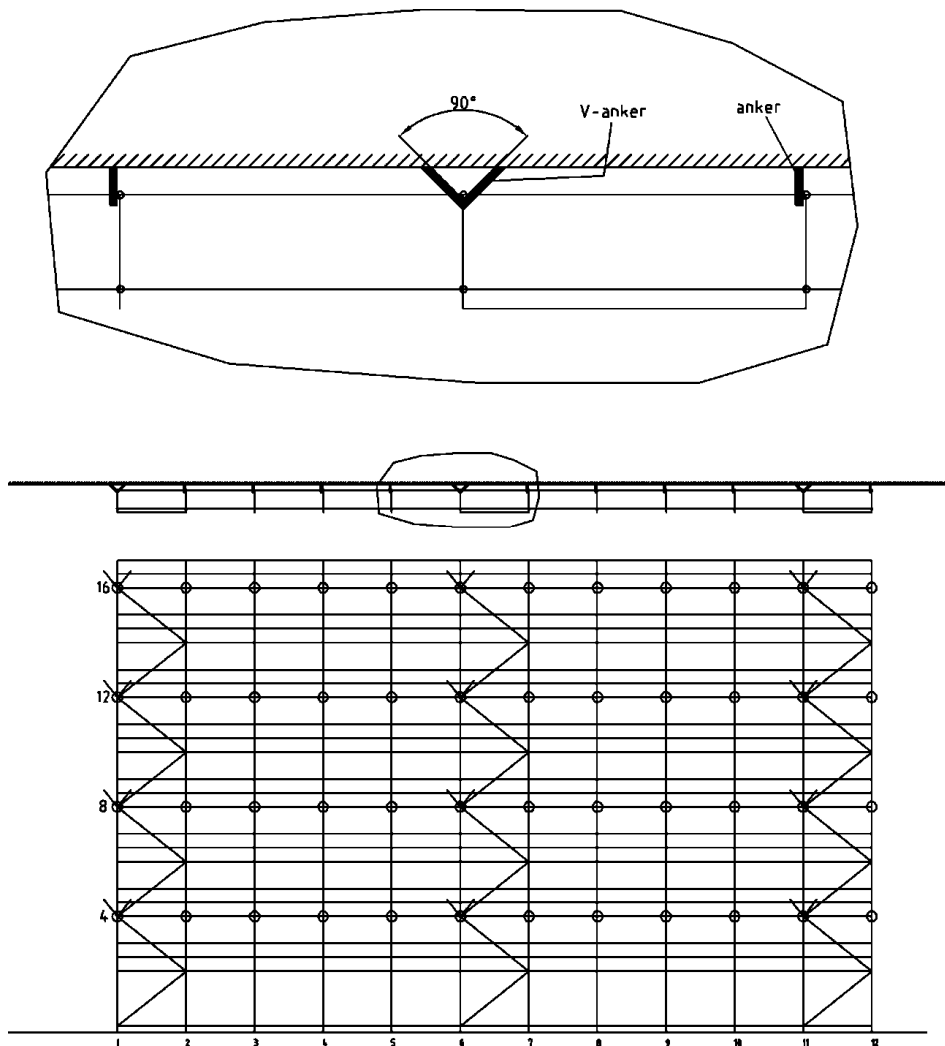
- The facade scaffold is assembled layer by layer:
- Place the base jacks at a spacing of 3.05 m or 2.5 m.
- Pre-adjust the base jacks roughly to height to facilitate later leveling.
- Place the first layer of frames (the base frames) onto the base jacks.
- Install the horizontals onto the uprights of the frames.
- Install the diagonals according to the prescribed diagonal pattern.
- Determine the location of one or more ladder bays so this can be taken into account when placing the platforms; install an additional platform at the bottom (instead of the two horizontals); alternate the ladders left and right in each bay.
- As an alternative to ladder access, a stair access may be installed (see section 5.4).
- Place the platforms onto the frames. The wind-locks on the underside of the platforms must be carefully secured (two per platform).

Diagonals must be installed as follows:

- In vertical columns, without skipping any lifts.
- Always in the end bays.
- Maximum of 4 scaffold bays next to each other without diagonals.
- The diagonals must always be installed in a zigzag pattern from top to bottom (see illustration below).

Anchoring must be installed as follows:

- Anchor the node points at 4, 8, 12, 16 m, etc.
- Anchor the first upright using V-anchors (two single anchors at a 90° angle).
- Then anchor every fifth upright using V-anchors.
- The intermediate uprights must be anchored with a single anchor.

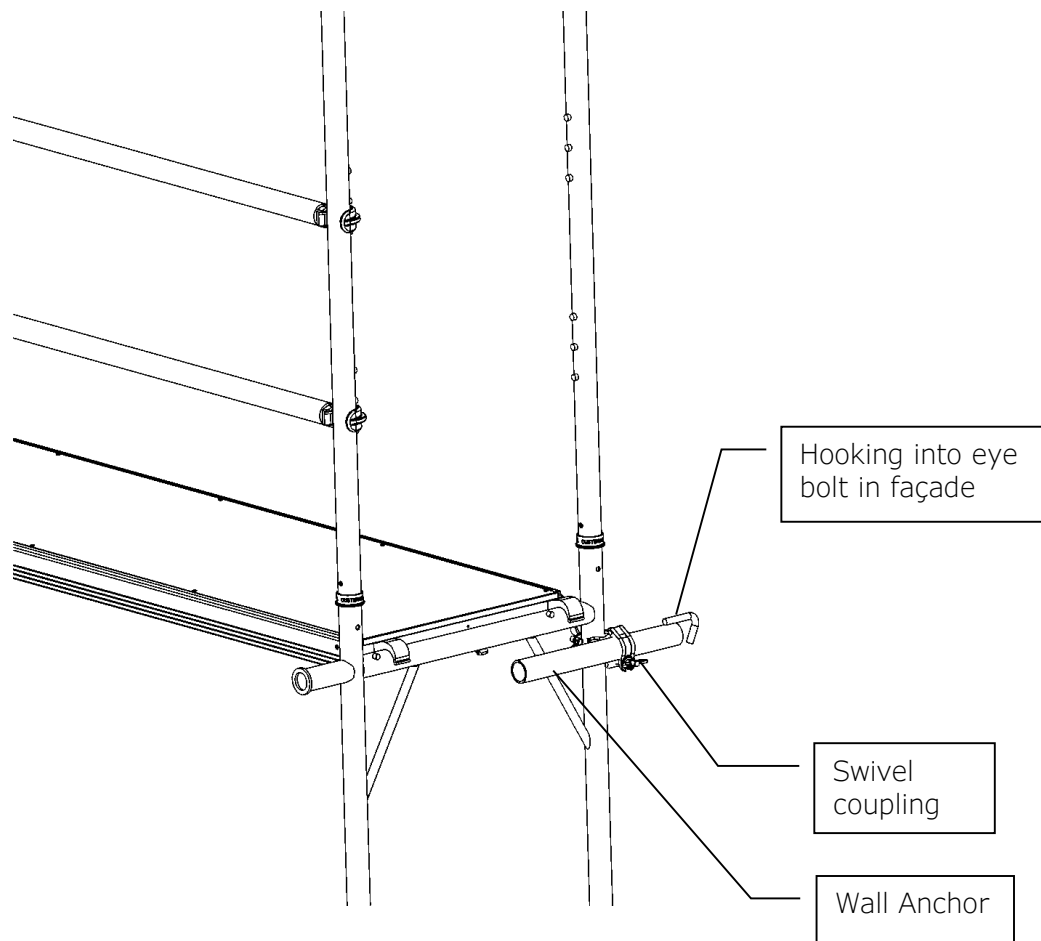


Diagonal and Anchoring Pattern

The anchoring must be installed as soon as the corresponding layer has been completed.

Anchor at suitable and structurally sound locations on the façade; observe the following points:

- Evaluate whether the underlying structure is sufficiently strong.
- Keep an adequate distance from edges and similar critical areas.
- Match the various components properly (e.g., plug length) and follow the supplier's instructions.



The anchoring may be installed either in front of the window (as shown) or behind the window.

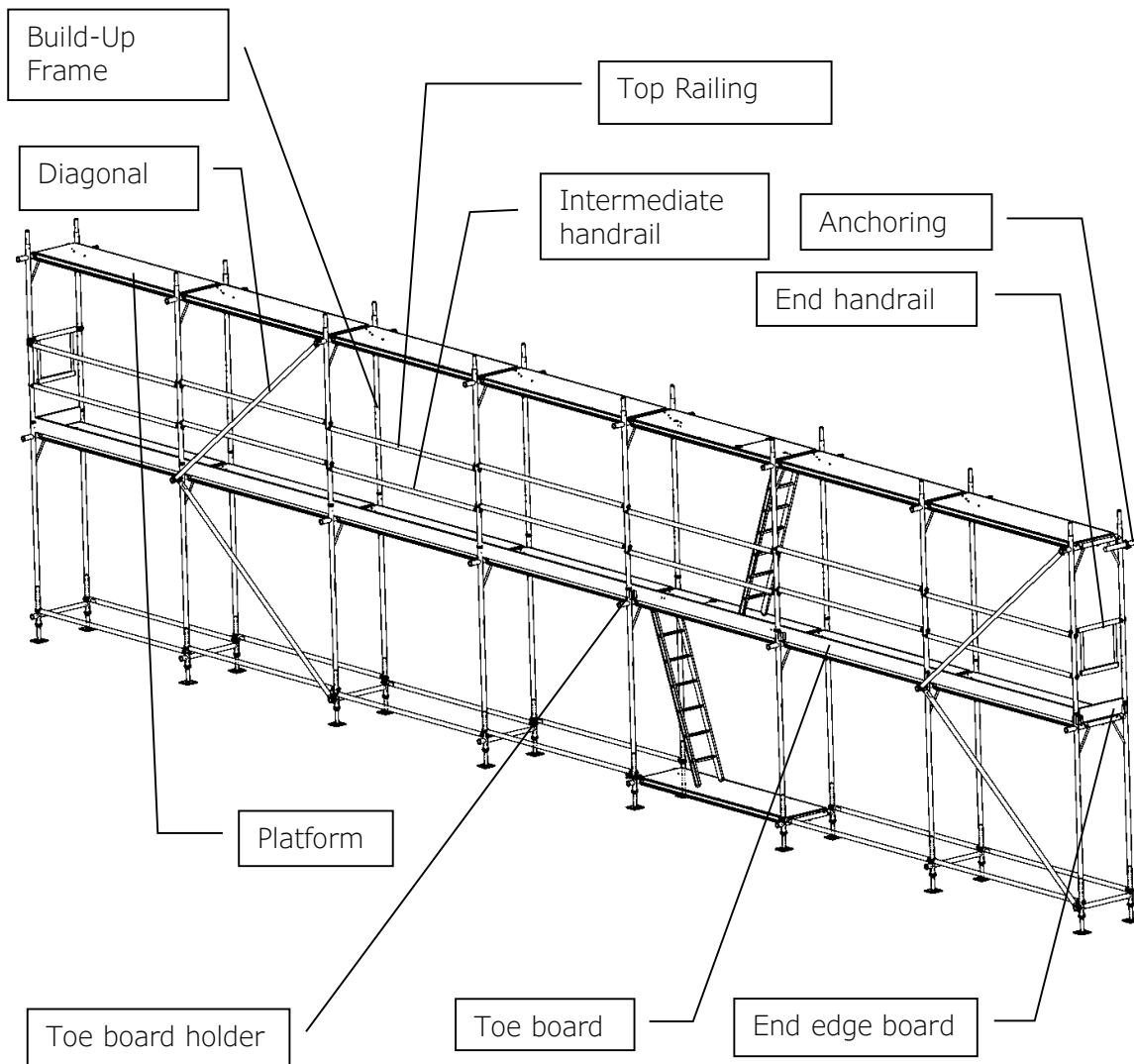
The anchoring may be shifted slightly in the vertical direction if required; place the anchor as close as possible to the node point (maximum 20 cm from the node).

Tighten the couplers to a torque of 50 Nm (50 Nm corresponds to a force of 20 kg on a lever arm of 25 cm).

Maximum design loads for the anchoring: V-anker:

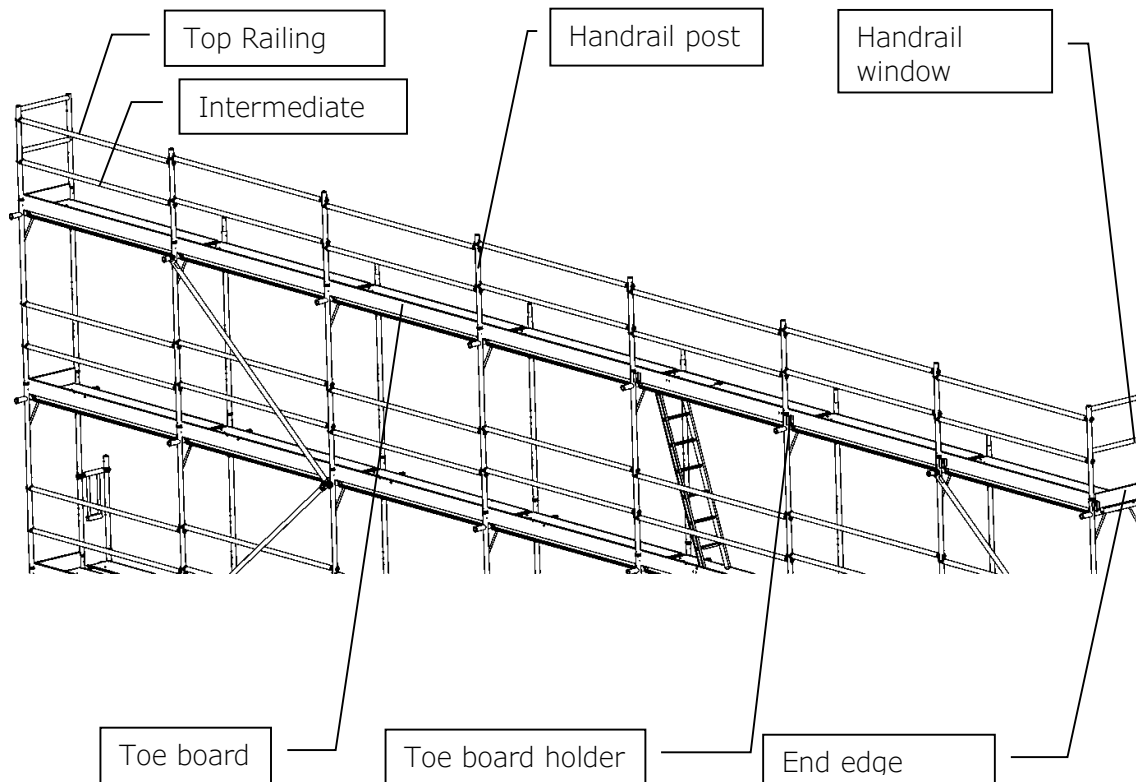
- V-anchor: 3.3 kN (330 kg) parallel to the façade and 6.5 kN (650 kg) perpendicular to the façade
- Single anchor: 2.8 kN (280 kg) perpendicular to the façade.

It is prohibited to use EN74 couplers (intended for tube diameter 48.3 mm).



- Place the second layer of frames (the extension frames); secure each extension frame with 2 locking pins.
- Install the top and intermediate guardrails (horizontals).
- Install the end guardrails at the front end of each level.
- Install the diagonals according to the prescribed diagonal pattern.
- Place the platforms onto the frames. The wind-locking devices on the underside of the platforms must be properly secured (2 per platform).
- Install the anchoring (wall anchors with swivel coupler and eye bolt with plug) according to the prescribed anchoring pattern.
- Click the toe board holders onto the uprights.
- Install the toe boards and the end toe boards.

Continue assembling the following layers in the same manner until the desired height is reached, and then complete the top layer of the façade scaffold

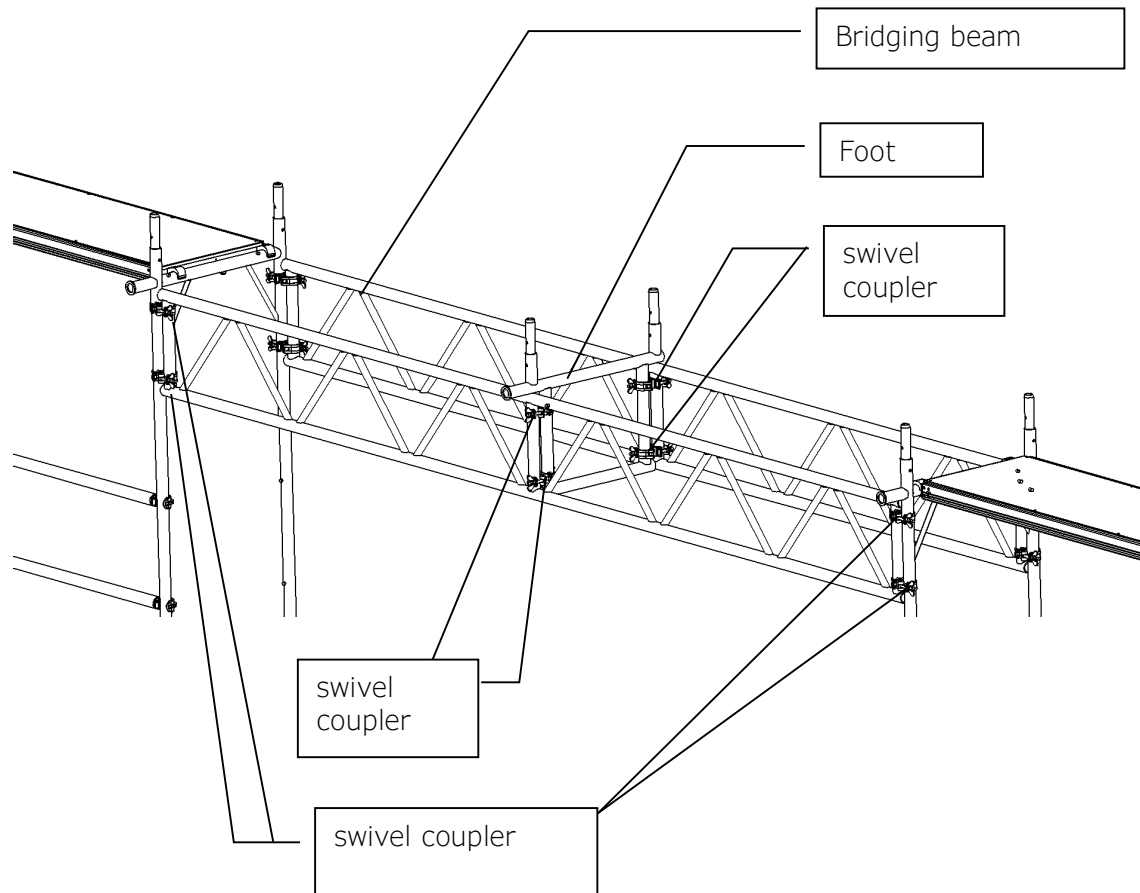


- Place the guardrail posts; secure each guardrail post with a locking pin.
- Install the guardrail frames at the ends of the top level; secure each guardrail frame with 2 locking pins.
- Install the top and intermediate guardrails (horizontals).
- Click the toe board holders onto the uprights.
- Install the toe boards and the end toe boards.

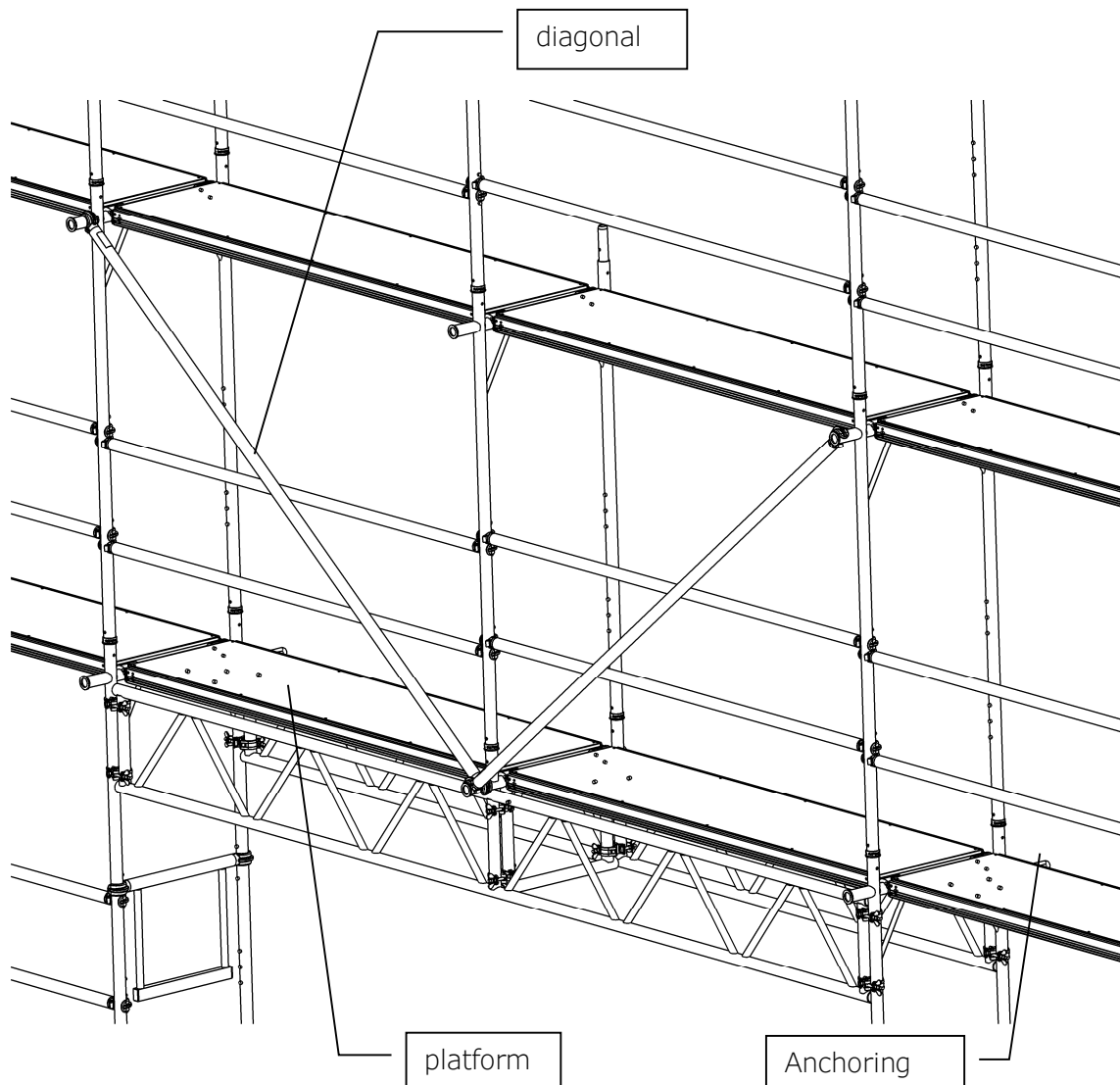
5.2. Bridging

To allow a free passage through the façade scaffold, two bridging beams are used together with the corresponding base frame.

The node at the beginning and at the end of each bridging beam must be anchored. Next to the bridging beam, at least one bay of the façade scaffold must always be installed.



- Place both bridging beams with 2 swivel couplers on one frame and 2 swivel couplers on the other frame; tighten all couplers firmly.
- Install the foot frame using 2 swivel couplers on one bridging beam and 2 swivel couplers on the other bridging beam; ensure that the rung of the foot frame is positioned at the same height as the rung of the build-up frame; tighten all couplers firmly.

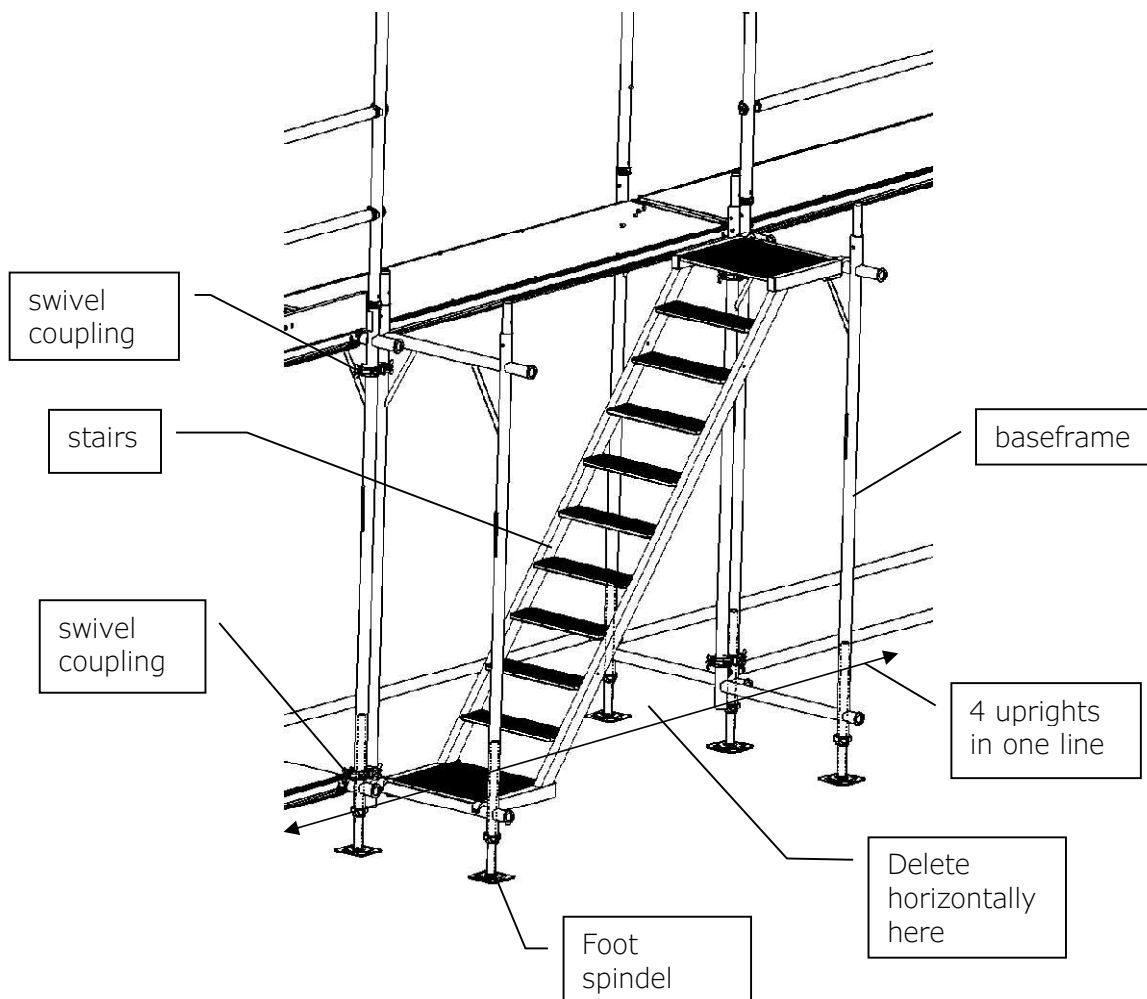


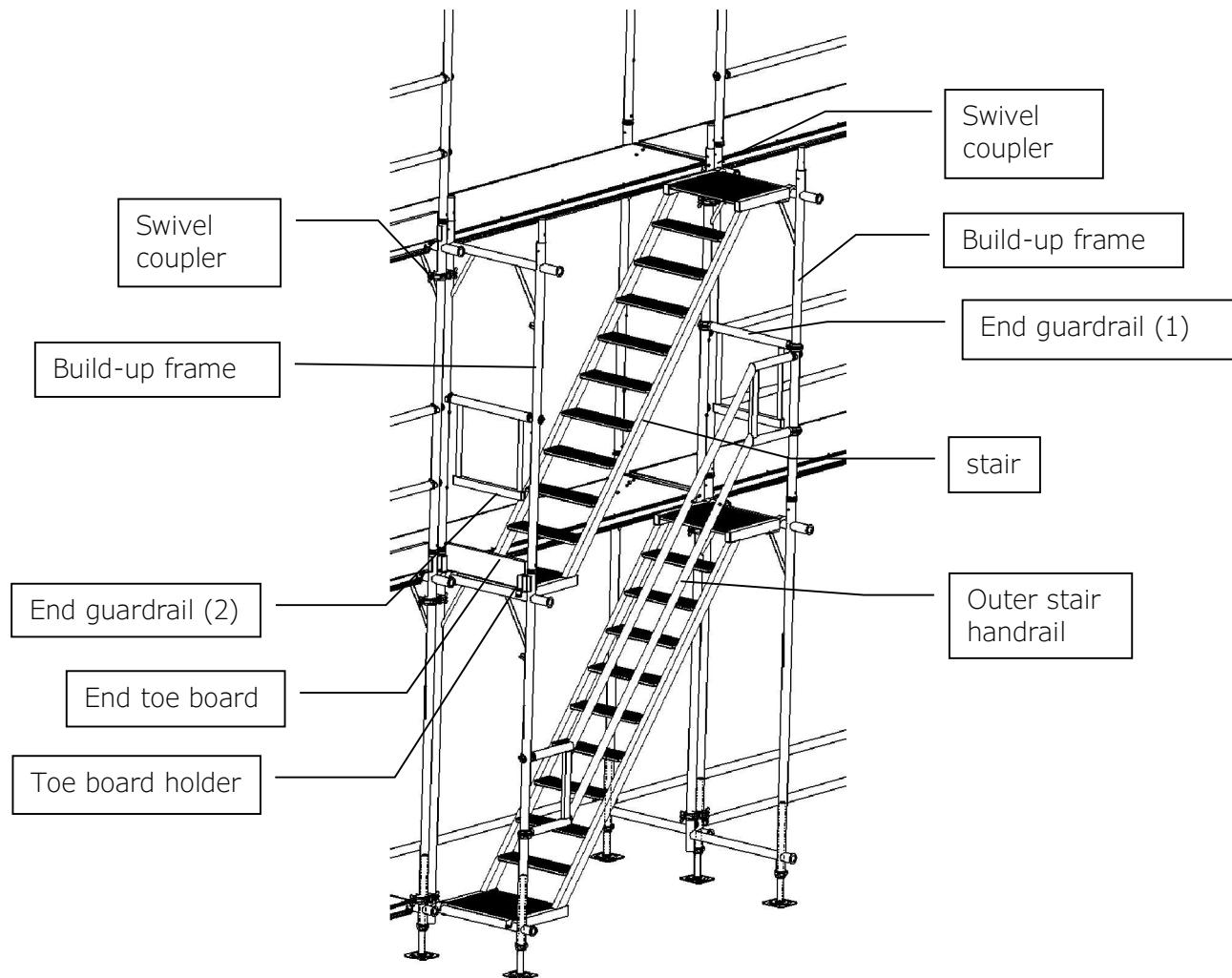
- Plaats Place both platforms. Ensure that the wind-locks on the underside of each platform are properly engaged (2 per platform).
- Install the anchoring (wall ties with swivel coupler and eye bolt with plug) at the start and end of the bridging beam.
- Complete the remainder of the lift as described in section 5.1.

5.3. Stair access

The stair access is intended to provide access to the façade scaffold. It serves as an alternative to ladder access.

Since the stair handrails can only be used on one side of the stair, the stairway must always be assembled in such a way that the handrail can be positioned on the right-hand side of the stair. When ascending the stair, the scaffold will therefore be located on your left-hand side.

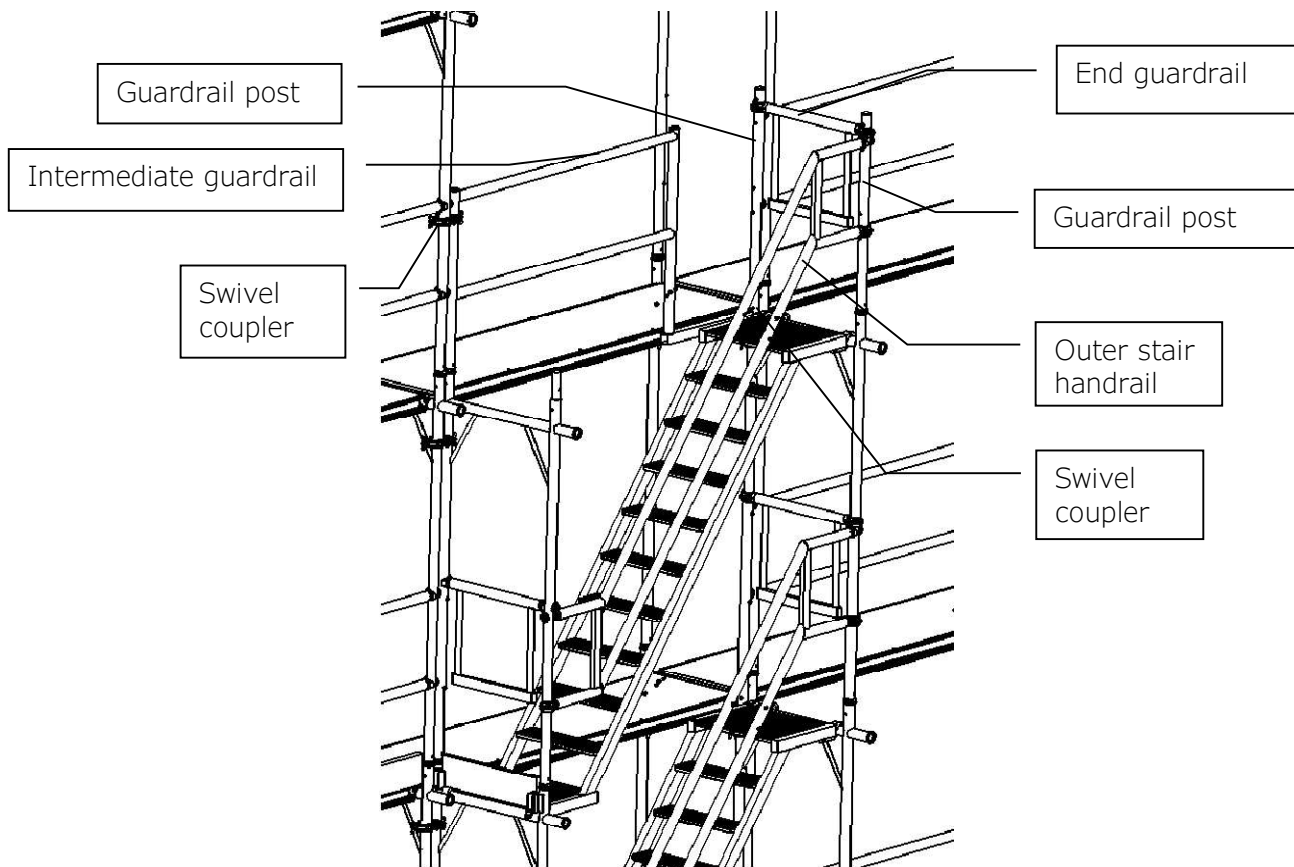




Each subsequent lift:

- Place build-up frame (1) using a swivel coupler at the top of the uprights.
- Install the stair handrail on the outside. The tube without a claw must be positioned at the bottom.
- Install end guardrail (1).
- Install the stair access; ensure that the stair is properly secured beneath the treads.
- Place build-up frame (2) using a swivel coupler at the top of the uprights.
- Install end guardrail (2).
- Click the toe board holders onto the uprights.
- Install the end toe board..

Continue installing the following stair lifts in the same manner until the required height is reached, and then assemble the top stair lift



Top lift:

- Place both guardrail posts and secure each guardrail post with a locking pin.
- Install the stair handrail on the outside. The tube without a claw must be positioned at the bottom.
- Install the end guardrail.
- Install the intermediate guardrail using 2 swivel couplers on the uprights.

5.4. Building on uneven ground

A façade scaffold is normally erected in lifts with a standard height of 2.0 meters. However, it is possible to erect a façade scaffold on uneven terrain. Any height differences must be compensated for in the lowest base lift, ensuring that all subsequent lifts remain perfectly horizontal.

A façade scaffold is typically assembled using base frames with a height of 2.25 meters.

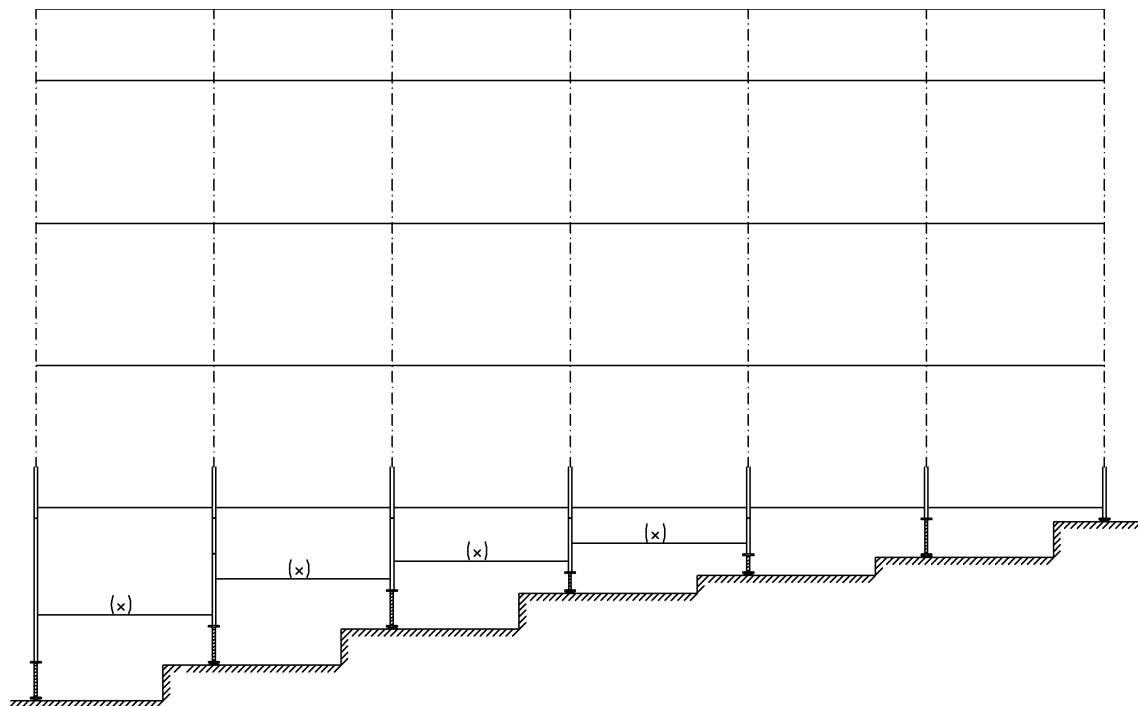
The base jacks can be used to compensate for minor irregularities in the ground (up to approximately 500 mm).

If the height differences exceed 500 mm, base frames with alternative heights can be used to resolve the issue.

Frames are available in the following heights: 0.5 m, 0.75 m, 1.0 m, and 1.25 m.

By using these frames, or a combination of them, height differences between 0 and 2.0 meters can be compensated for without difficulty.

Always install two horizontal ledgers on the uprights at the bottom of the frames (see illustration below).



6. Use

Prior to each use, the following must be checked:

- That the complete structure is correctly assembled and fully intact.
- That no changes in conditions have occurred which could affect the safe use of the scaffold.

A façade scaffold is intended for carrying out work on a façade (such as restoration, renovation, maintenance, painting, plastering, pointing, inspection, or cleaning).

The façade scaffold must never be overloaded; the maximum load class is 200 kg/m² (load class 3). Only one level may be fully loaded at a time (or two levels at half load, or three levels at one-third load, etc.).

The maximum platform height is 24 m.

It is prohibited to attach wind-catching surfaces such as sheeting, nets, or advertising banners to the façade scaffold.

The façade scaffold may only be accessed via the stair access (in the attached stair tower) or via the ladders integrated into the platforms.

Horizontal ledgers, top and intermediate guardrails, and diagonal braces must not be used as steps.

Jumping on the platforms is prohibited; the platform hatch must remain closed at all times except when climbing up or down the ladder.

Do not place boxes, steps, ladders, or other devices on the working platform to gain additional height.

The façade scaffold must not be exposed to aggressive liquids or gases.

The façade scaffold must be evacuated as quickly as possible in the event of:

- Wind speeds exceeding Beaufort 7 (from 13.9 m/s)
- Thunderstorms and lightning
- Heavy snowfall, hail, or freezing rain.

The maximum permissible load on the scaffold frames is:

- 9 kN (900 kg) per upright (scaffold out of service)
- 12.7 kN (1270 kg) per upright (scaffold in use)

7. Dismantling

Be aware of fall hazards during dismantling; keep the guardrails in place for as long as possible; use a climbing harness with a safety line whenever there is a fall risk due to missing guardrails. Dismantling of the façade scaffold must be carried out in reverse order of assembly. Begin at the top by removing the toe boards and toe board holders. Pass all components down through the platforms. Dismantle the façade scaffold from top to bottom. Never drop or throw components down.

8. Maintenance

All components, especially moving parts and welded joints, must be inspected regularly, and at least once per year, for wear and damage. Missing or damaged components must be replaced immediately.

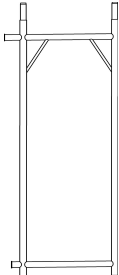
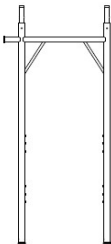
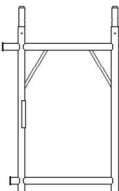
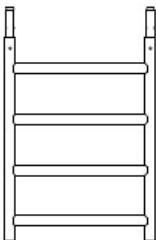
Aluminium components may no longer be used in the following cases:

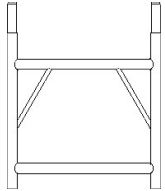
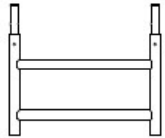
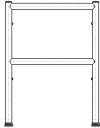
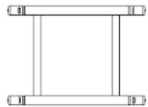
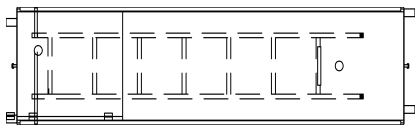
- If round tubes have one or more dull dents deeper than 3.0 mm.
- If round tubes have one or more dents located directly next to a weld, regardless of depth or shape.
- If square or rectangular tubes have one or more dull dents deeper than 2.0 mm.
- If tubes or box sections have one or more sharp dents or any form of cracking, regardless of length, depth, or location.

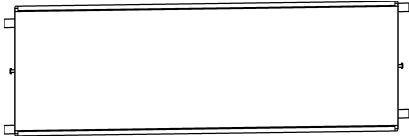
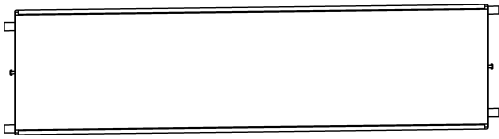
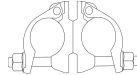
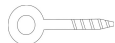
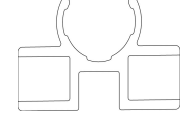
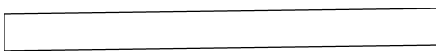
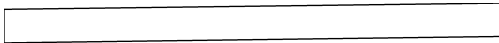
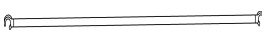
Moving parts must be kept clean and must operate smoothly.

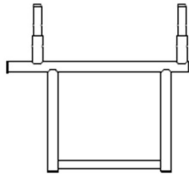
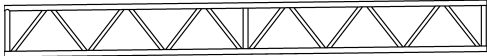
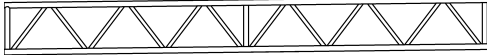
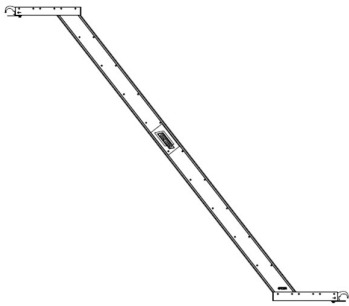
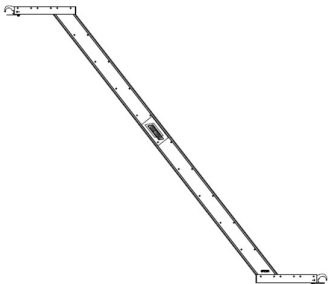
Repairs to scaffold components must always be carried out in consultation with the manufacturer.

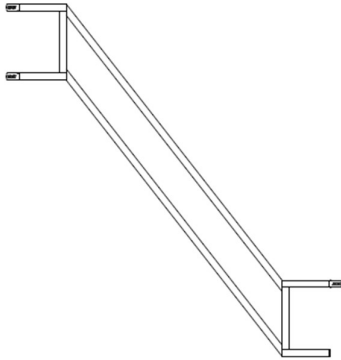
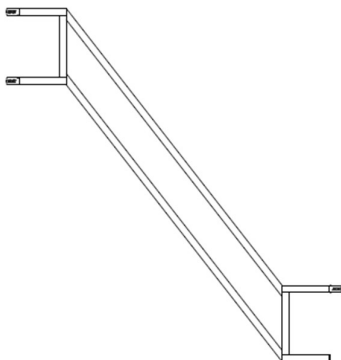
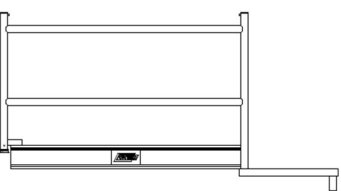
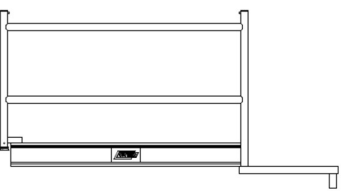
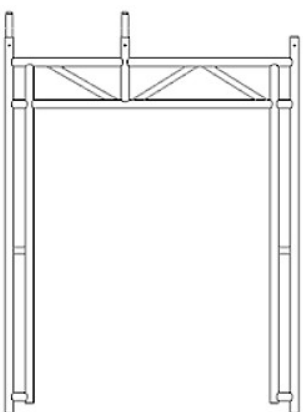
9. Parts

Designation	Article number	Weight (kg)	
Foot spindle Range 500	9501 520 020	4	
Base Window 2000	9501 210 017	10,3	
Surface-mounted window	9501 210 019	8,5	
Base Window 1250	9501 210 018	7,2	
Window 1000	9501 210 028	4,3	

Window 750	9501 210 024	5,2	
Window 500	9501 210 026	4,3	
Handrail window	9501 200 140	4,5	
Handrail post	9501 903 025	1,7	
Endrail 690	9501 903 040	2,3	
Locking pin	9501 410 162	0,05	
Platform with hatch and ladder 2500	9501 320 027	23	
Platform with hatch and ladder 3052	9501 320 037	27,5	

Platform 2500	9501 310 020	19,5	
Platform 3052	9501 310 030	24	
Wall tie	9501 800 350	2,3	
Swivel coupling	9501 800 934	1,2	
Eye bolt	9501 800 340	0,1	
Wall Plug	9501 800 341	-	
Plug cap	9501 800 342	-	
Toe board holder	9501 800 087	0,2	
Toe board 690	9501 200 092	1,2	
Toe board 2500	9501 200 080	4,4	
Toe board 3052	9501 902 080	5,8	
Horizontal 2500	9501 200 030	3	
Diagonal 2692 (2500x1000)	9501 200 071	3	

Horizontal 3052	9501 200 040	3,3	
Diagonal 3202 (2500x2000)	9501 200 055	3,4	
Diagonal 3212 (3052x1000)	9501 902 043CR	3,4	
Diagonal 3649 (3052x2000)	9501 200 061	4	
Foot window for bridging beam	9501 800 606	4,6	
Overuse 2 x2500	9501 800 605	20,8	
Overuse 2 x 3052	9501 800 615	25,3	
Stair 2500	9501 600 170	20,6	
Stair 3052	9501 600 150	23,5	

Z-guardrail 2500	9501 600 175	7,4	
Z- guardrail 3052	9501 600 155	8,3	
Intermediate guardrail 2500	9501 600 185	9,9	
Intermediate guardrail 3052	9501 600 165	11,7	
Pedestrian frame	9501 902 060	20,8	



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