

Secuset

Temporary lateral protection system

Technical information



PASCHA
Service in Formwork + Shoring

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Important information regarding the intended use and safe application of formwork and falsework Version 08.2009

The contractor is responsible for drawing up a comprehensive risk assessment and a set of installation instructions. The latter is not usually identical to the assembly instructions.

• Risk Assessment

The contractor is responsible for the compilation, documentation, implementation and revision of a risk assessment for each construction site. His employees are obliged to implement the measures resulting from this in accordance with all legal requirements.

• Installation Instructions

The contractor is responsible for compiling a written set of installation instructions. The assembly instructions forms part of the basis for the compilation of a set of installation instructions.

• Assembly Instructions

Formwork is technical work equipment which is intended for commercial use only. The intended use must take place exclusively through properly trained personnel and appropriately qualified supervising personnel.

The assembly instructions are an integral component of the formwork construction. They comprise at least safety guidelines, details on the standard configuration and intended use, as well as the system description. The functional instructions (standard configuration) contained in the assembly instructions are to be complied with as stated. Enhancements, deviations or changes represent a potential risk and therefore require separate verification (with the help of a risk assessment) or a set of installation instructions which comply with the relevant laws, standards and safety regulations. The same applies in those cases where formwork and/or falsework components are provided by the contractor.

• Availability of the Assembly Instructions

The contractor has to ensure that the assembly instructions provided by the manufacturer or formwork supplier are available at the place of use. Site personnel are to be informed of this before assembly and use takes place, and that they are available at all times.

• Representations

The representations shown in the assembly instructions are, in part, situations of assembly and not always complete in terms of safety considerations. The safety installations which have possibly not been shown in these representations must nevertheless be available.

• Storage and Transportation

The special requirements of the respective formwork constructions regarding transportation procedures as well as storage must be complied with. By way of example, name the appropriate lifting gear to be used.

• Material Check

Formwork and falsework material deliveries are to be checked on arrival at the construction site/ place of destination as well as before each use to ensure that they are in perfect condition and function correctly. Changes to the formwork materials are not permitted.

• Spare Parts and Repairs

Only original components may be used as spare parts. Repairs are to be carried out by the manufacturer or authorized repair facilities only.

• Use of Other Products

Combining formwork components from different manufacturers carries certain risks. They are to be individually verified and can result in the compilation of a separate set of assembly instructions required for the installation of the equipment.

• Safety Symbols

Individual safety symbols are to be complied with.

Examples:



Safety information: non-compliance can lead to damage to materials or risk to the health of site personnel (also life).



Visual check: the intended operation is to be carried out through a visual check.



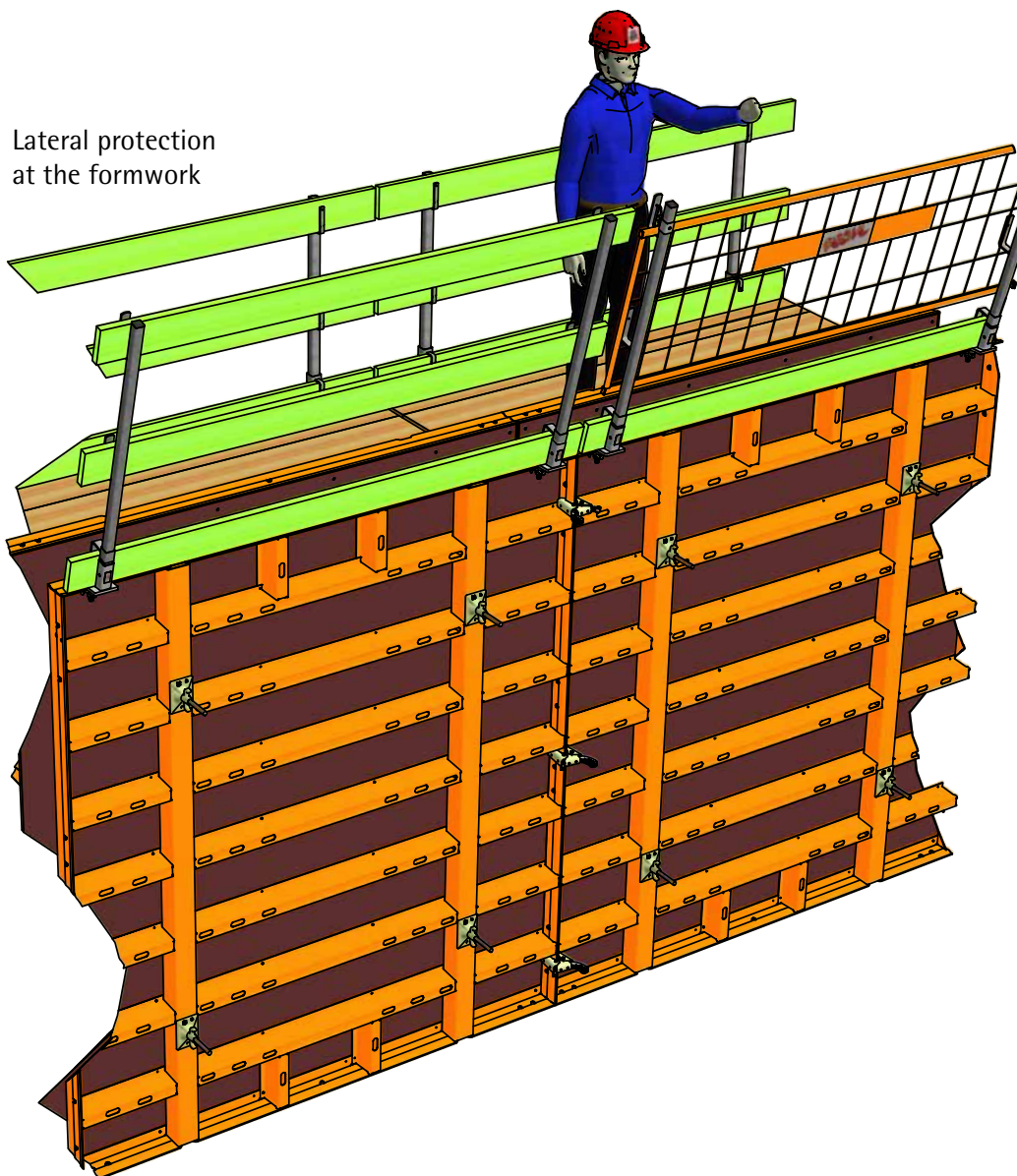
Note: supplementary information for safe, correct and professional execution of work activities.

• Miscellaneous

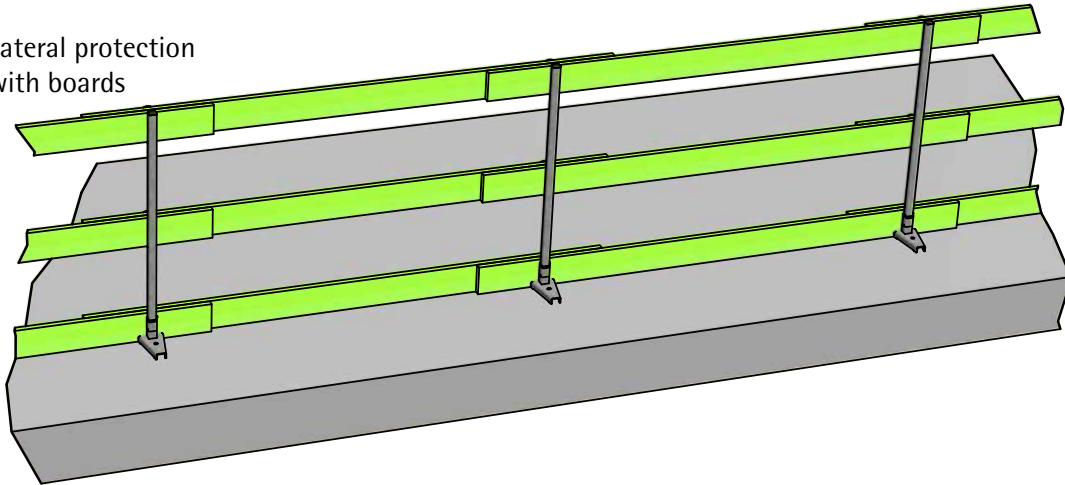
Technical improvements and modifications are subject to change without notice. For the safety-related application and use of the products, all current country-specific laws, standards as well as other safety regulations are to be complied with without exception. They form a part of the obligations of employers and employees regarding industrial safety. This results in, among other things, the responsibility of the contractor to ensure the stability of the formwork and falsework constructions as well as the structure during all stages of construction. This also includes the basic assembly, dismantling and the transport of the formwork and falsework constructions or their components. The complete construction is to be checked during and after assembly.

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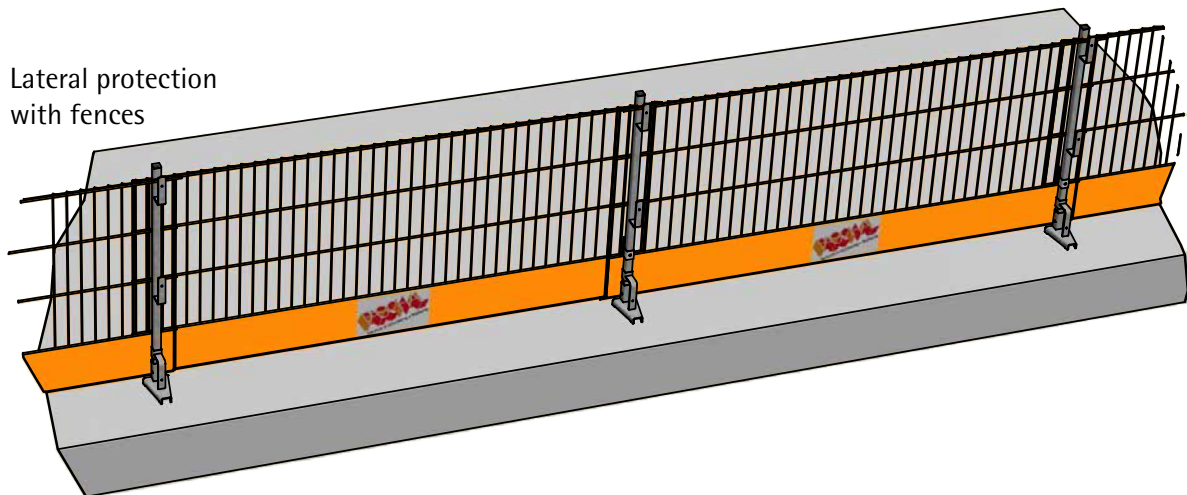
- Secuset is a temporary lateral protection system in accordance with DIN EN 13374.
- The central component of this system is a railing post that can be secured anywhere using different adapters. Together with the mounted boards or fences, the system guarantees the required level of occupational safety with regards to lateral protection.
- There are a wide number of possible uses, independent of the type of activity or the workplace where the lateral protection is needed.



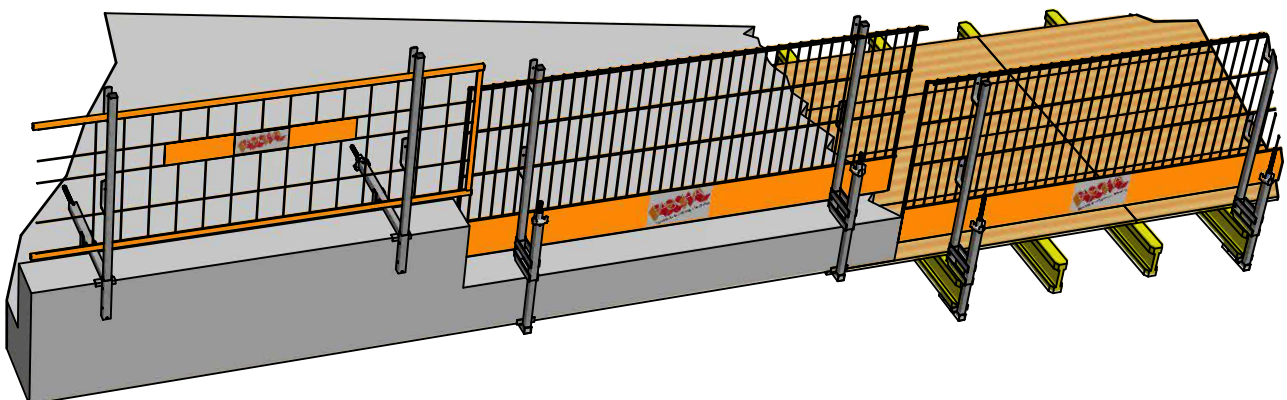
Lateral protection
with boards

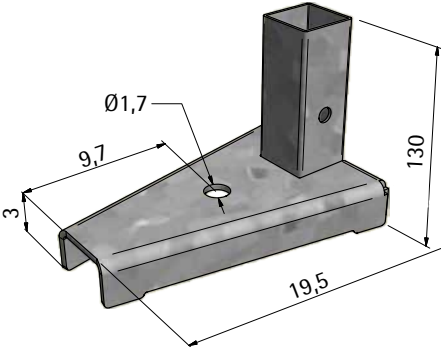
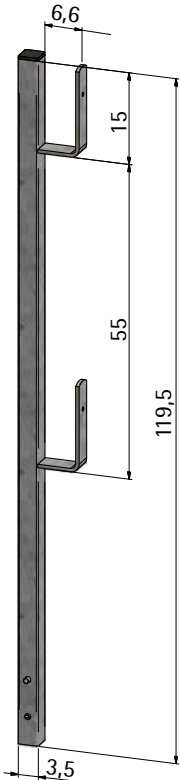
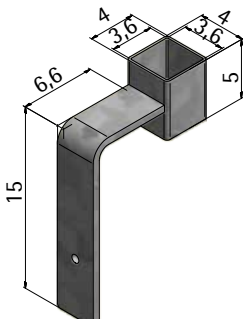


Lateral protection
with fences



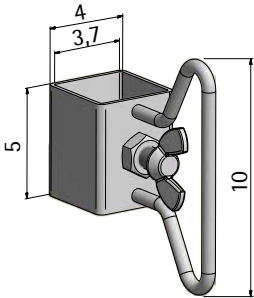
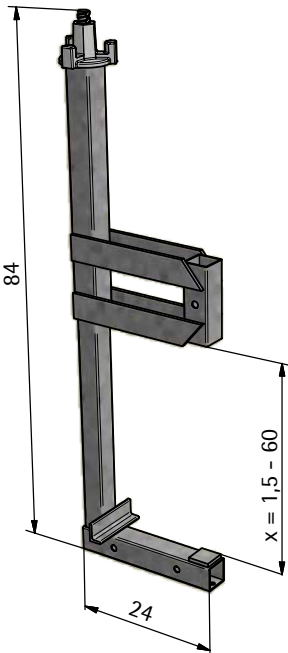
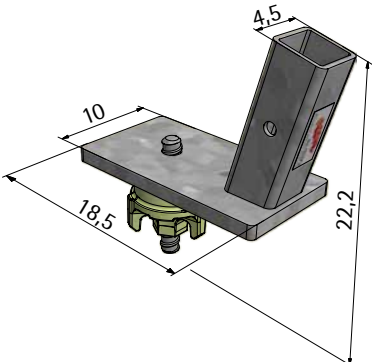
Securing (fence or boards)
with clamping piece

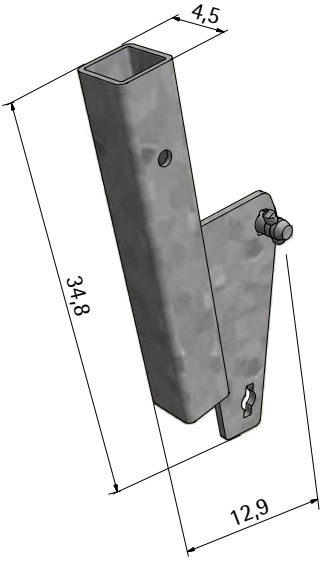


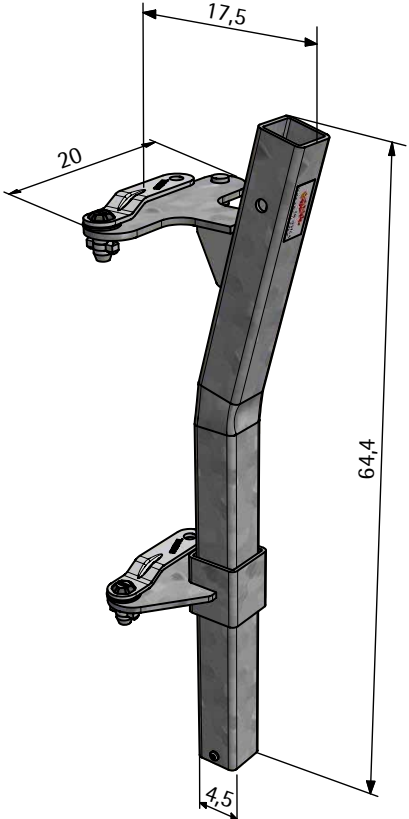
	Weight [kg]	Art.-N°	Item
	1,42	189.000.1020	Fastening plate lateral protection
	3,20	189.000.1001	Railing post 120 cm lateral protection
	0,46	189.000.1010	Support for toe board lateral protection

Parts list

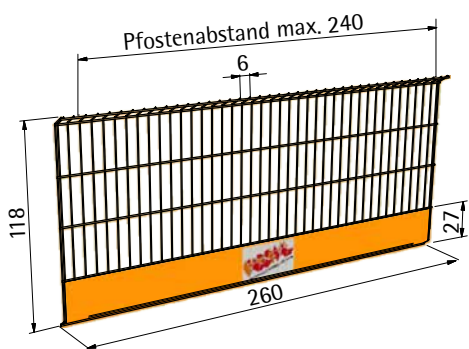
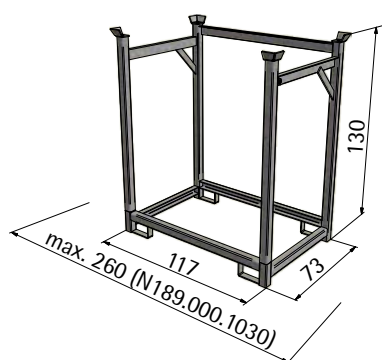
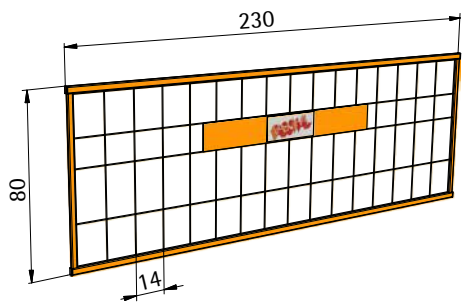
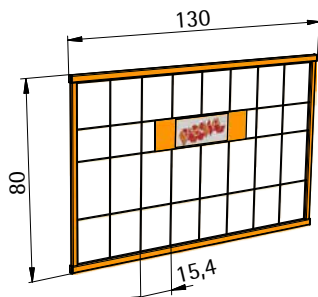


	Weight [kg]	Art.-N°	Item
	0,20	189.000.1011	Support for protection fence
	5,50	189.000.1021	Clamping piece (up to 60cm) lateral protection
	2,50	189.000.0001	Support LOGO cpl. lateral protection

	Weight [kg]	Art.-N°	Item
	2,10	189.000.0010	Support Modular cpl. lateral protection

	5,20	189.000.0020	Support GE cpl. lateral protection
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Parts list

	Weight [kg]	Art.-N°	Item
	19,80	189.000.1030	Lateral protection fence 260cm
	60,00	189.000.1040	Pallet for lateral protection fence (for 25 pce.)
	10,10	189.000.1035	Lateral protection fence 230x80cm
	6,50	189.000.1036	Lateral protection fence 130x80cm

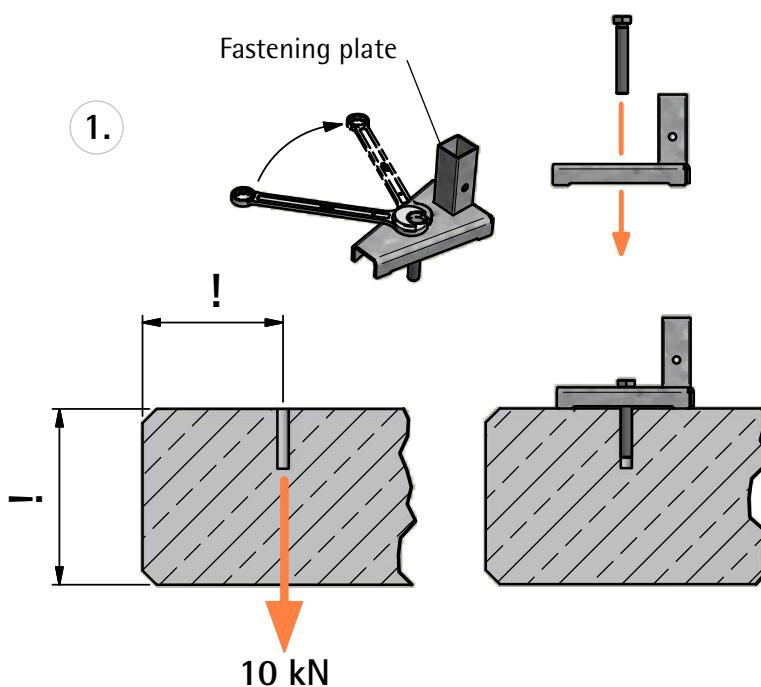
1. Mount the fastening plate.
min. $Z=10\text{kN}$

max. screw diameter: $\varnothing 17\text{mm}$

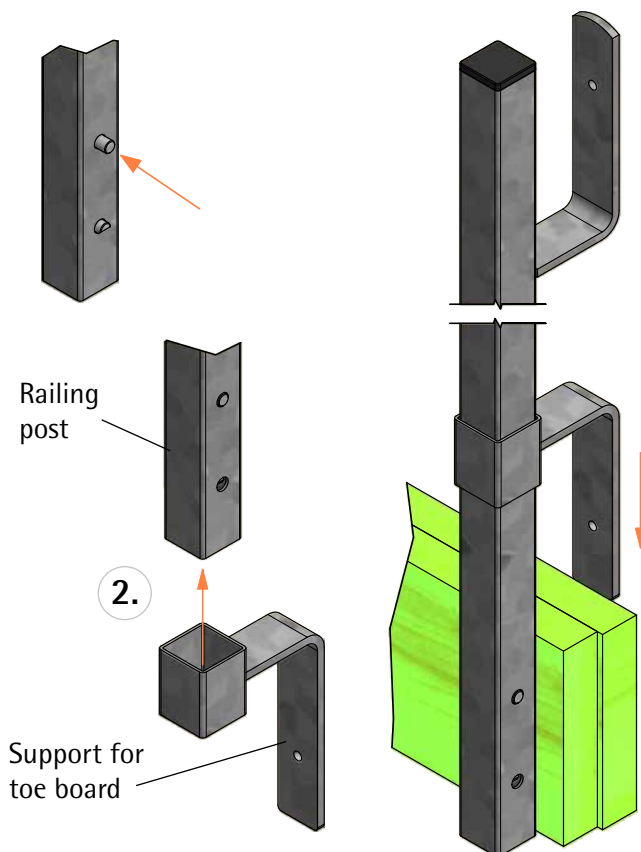
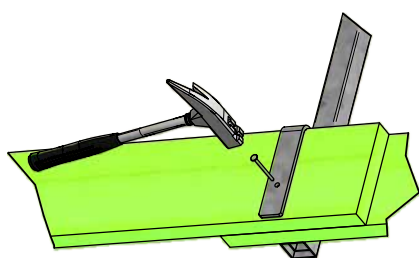


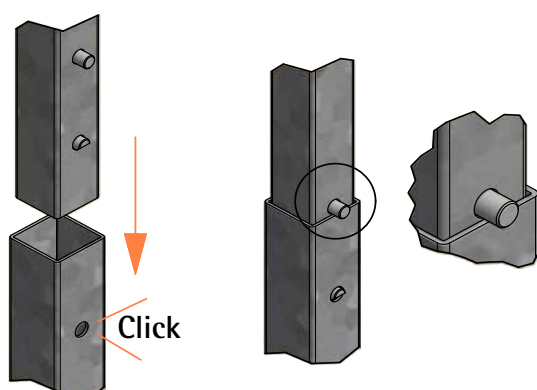
CAUTION!

Edge distances must be observed.

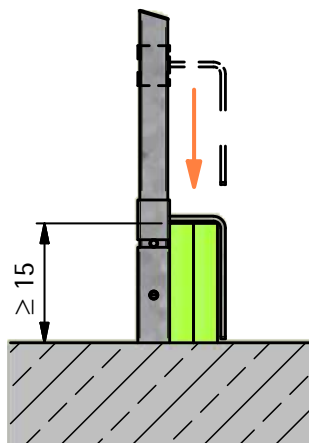
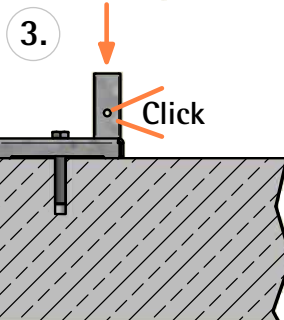
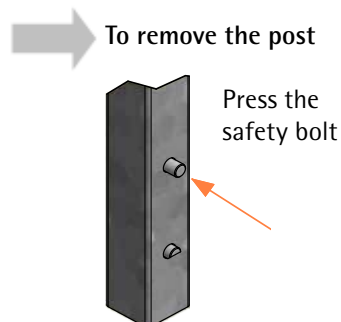


2. Slide the support for toe board from below over the post. Angle at the support for toe board and at the post point in one direction.



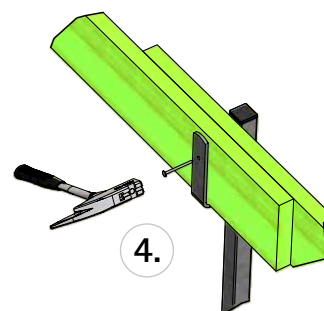
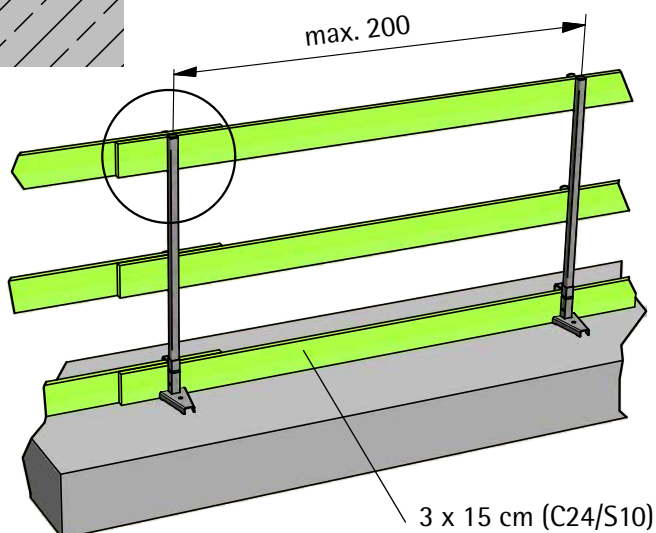


3. Insert the post with open support for toe board into the fastening plate until the click fastener engages.



4.

4. Insert the boards as toe board, centre post and railing post and nail on. Boards can be butt-joined at the post.

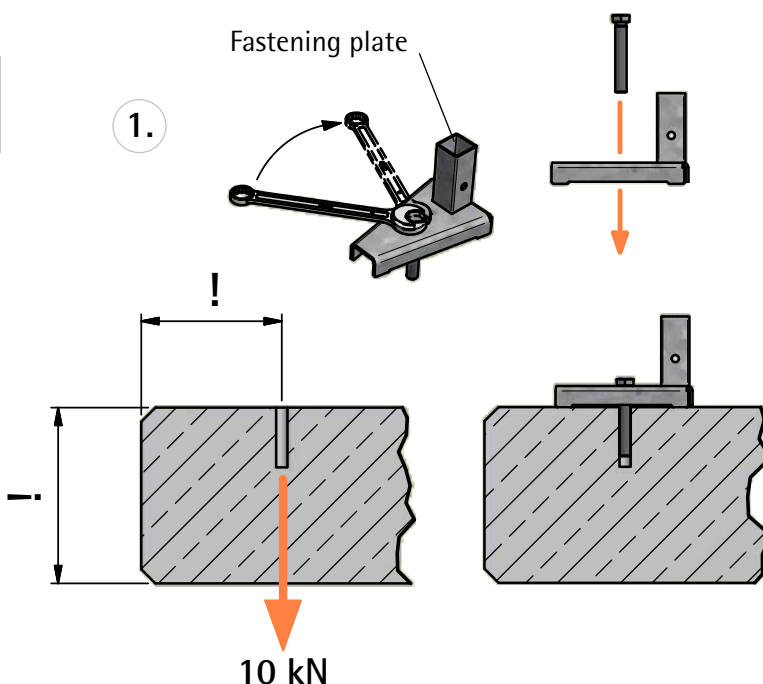


1. Mount the fastening plate.
min. $Z=10\text{kN}$



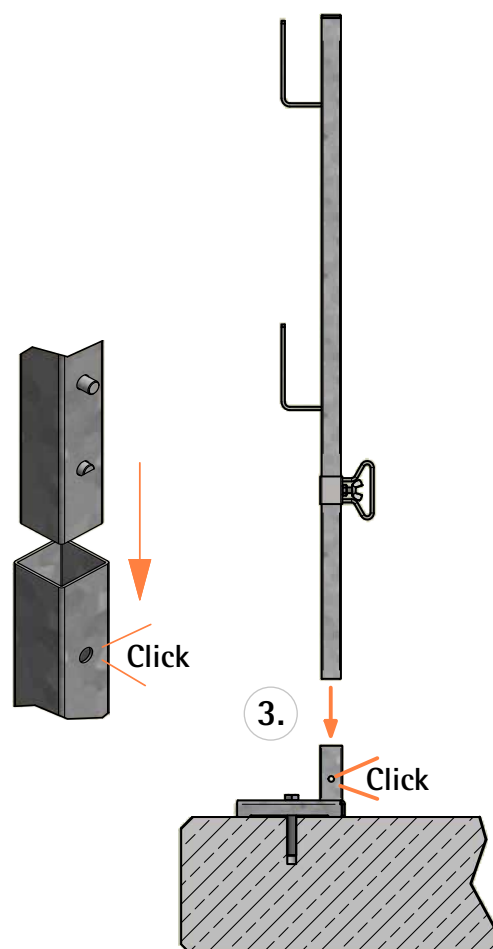
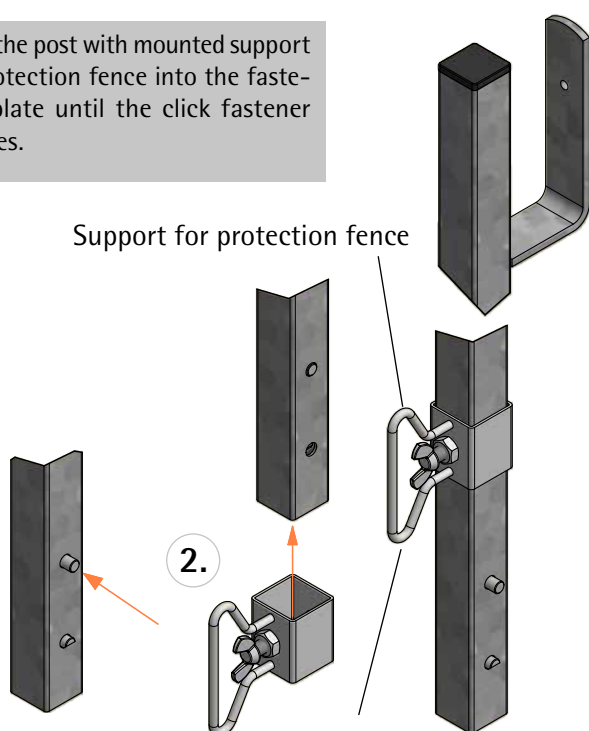
CAUTION!

Edge distances must be observed.

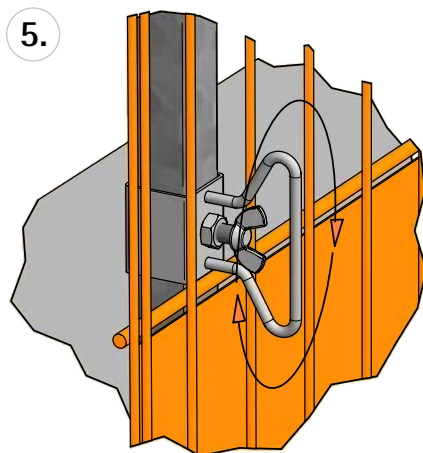
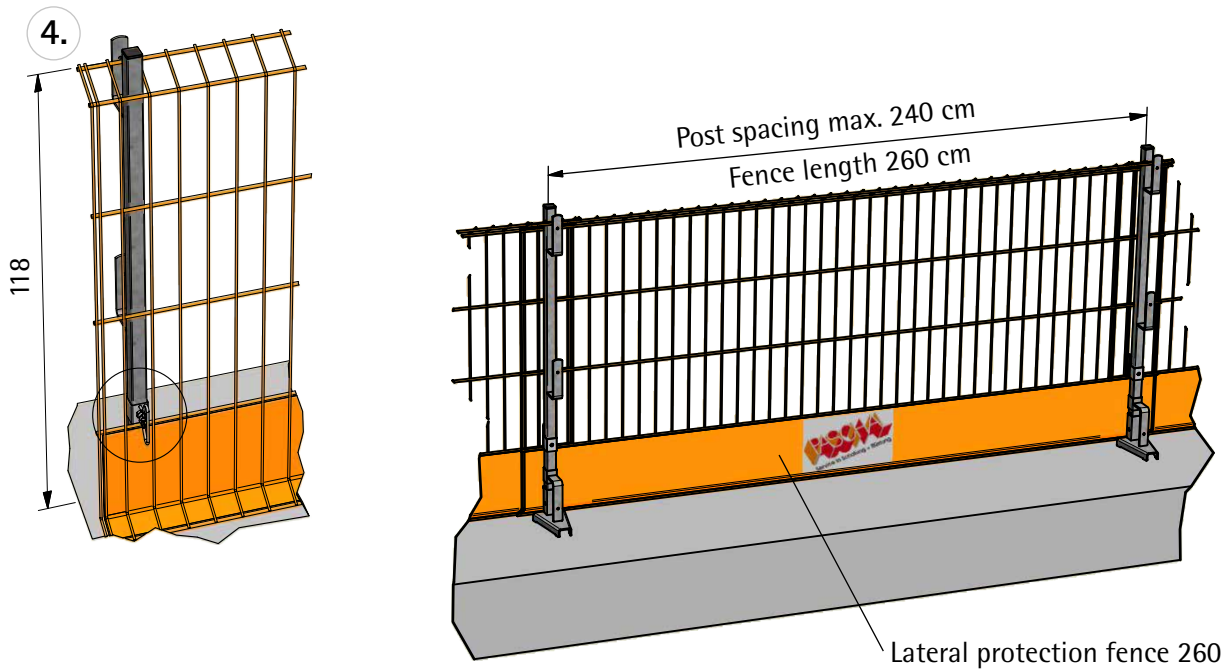


2. Slide the support for protection fence from below over the post. The grip of the support is opposite to the angles at the post.

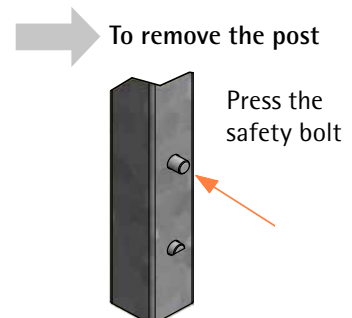
3. Insert the post with mounted support for protection fence into the fastening plate until the click fastener engages.



4. Hang up the lateral protection fence 260 cm

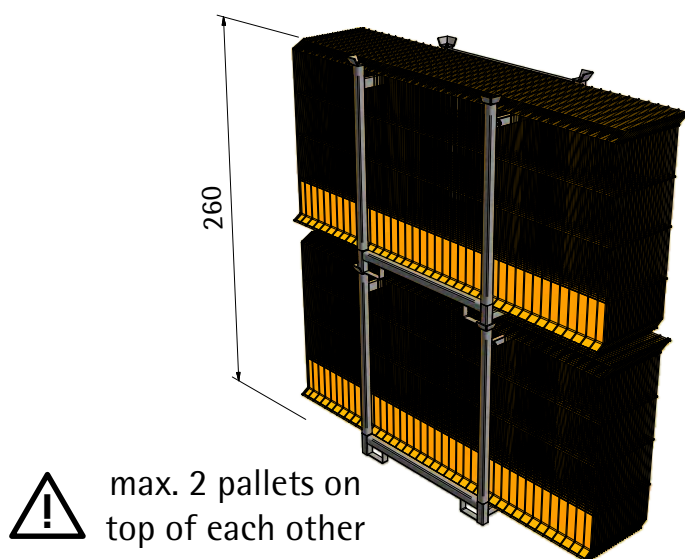
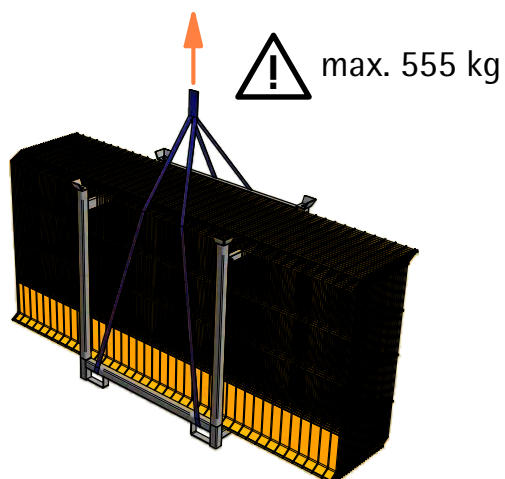
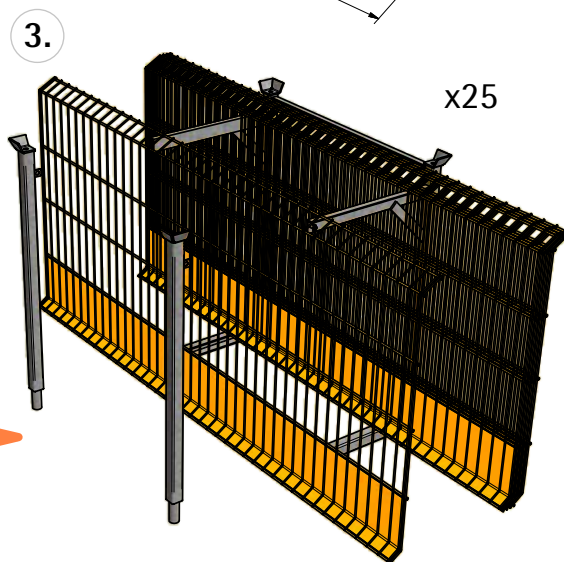
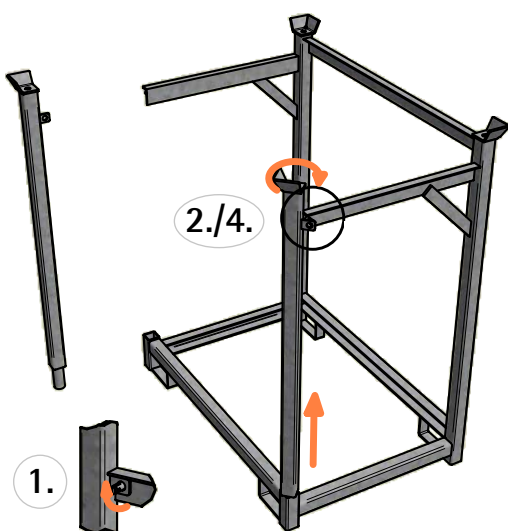
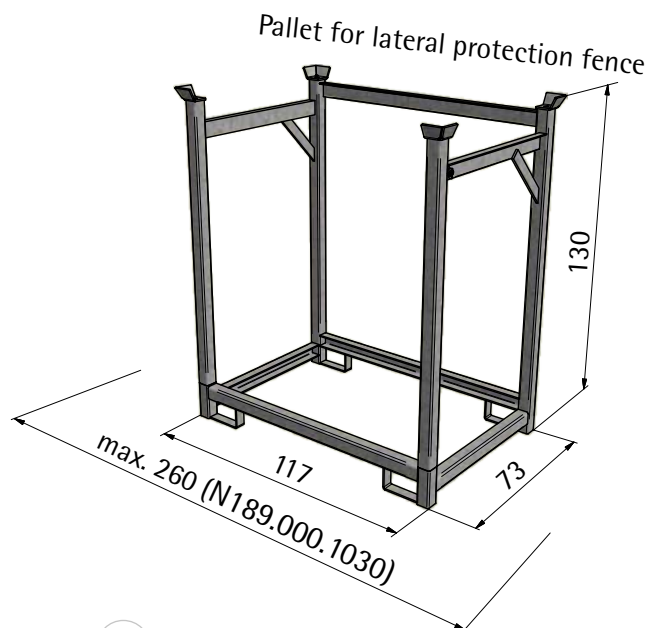


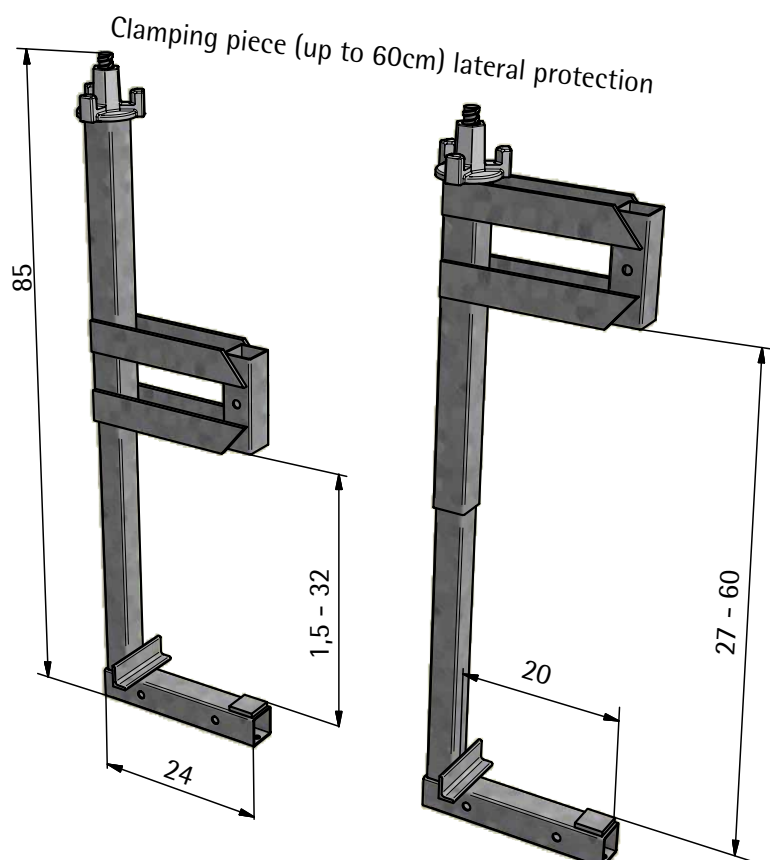
5. Secure the lateral protection fence below using the support



A maximum of 25 lateral protection fences up to a width of 260 cm can be stacked and transported with the pallet.

1. Place the closure flap on the bolt in a horizontal position.
2. Take off the corner elements by rotating and lifting.
3. Insert the lateral protection fences.
4. Place the corner elements back again.





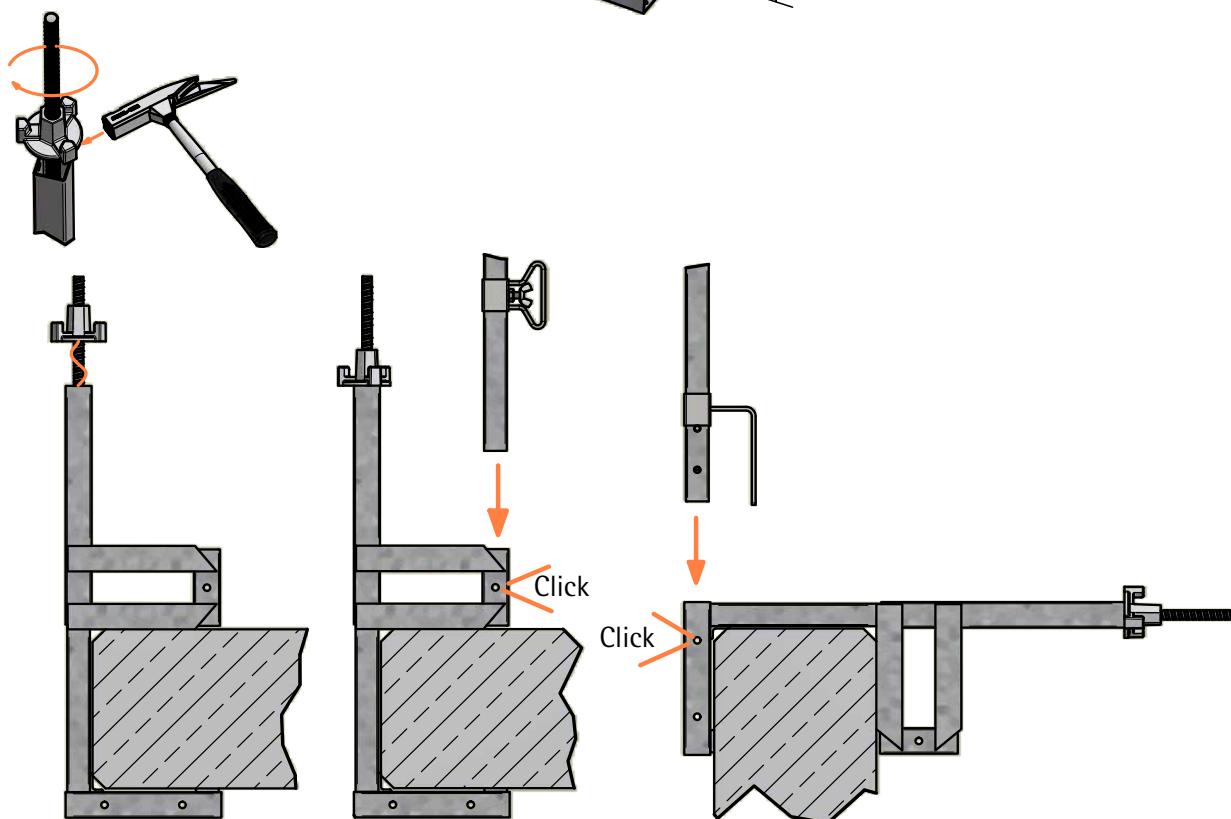
The clamping piece can be used for mounting the post with boards or fences.

- > (support for toe board see p.10)
- > (support for protection fence see p.12)

It encloses a component edge and is clamped securely there via an integrated screw thread with a wing nut.

The clamping piece can be mounted either horizontally or vertically.

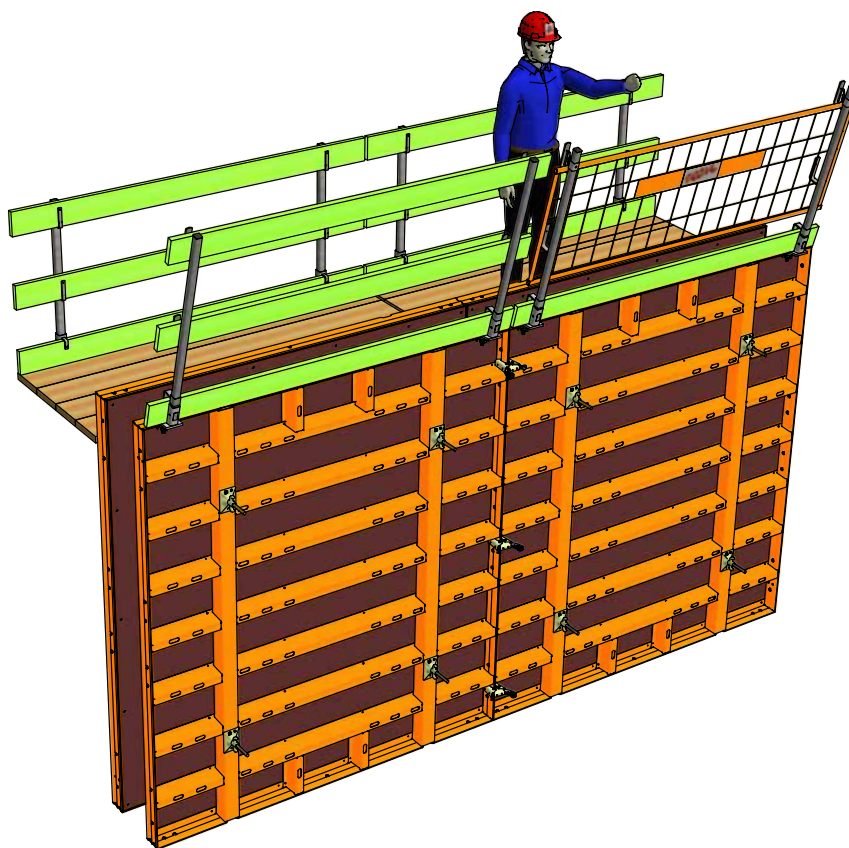
Depending on how the upper insertion part is rotated, the clamping width is 1.5 cm to 32 cm, or 27 cm to 60 cm.



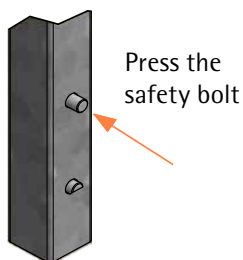
Safe workplaces must be established at the top end of the formwork for the filling and compacting of the concrete.

There is additional lateral protection at the opposite side for the fall protection that is required.

There are supports available for different formwork systems for mounting the post with boards or fences.

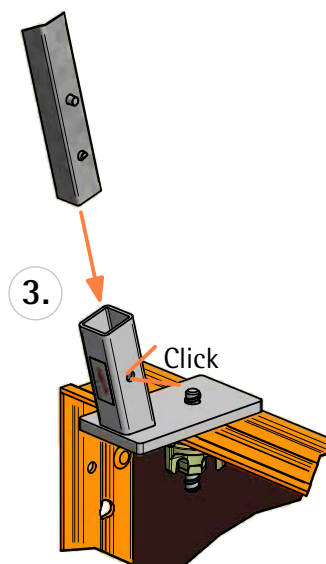
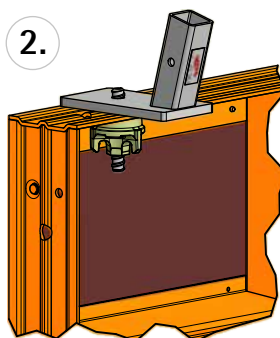
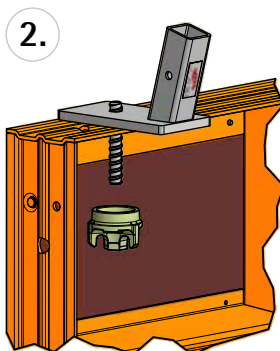


➔ To remove the post



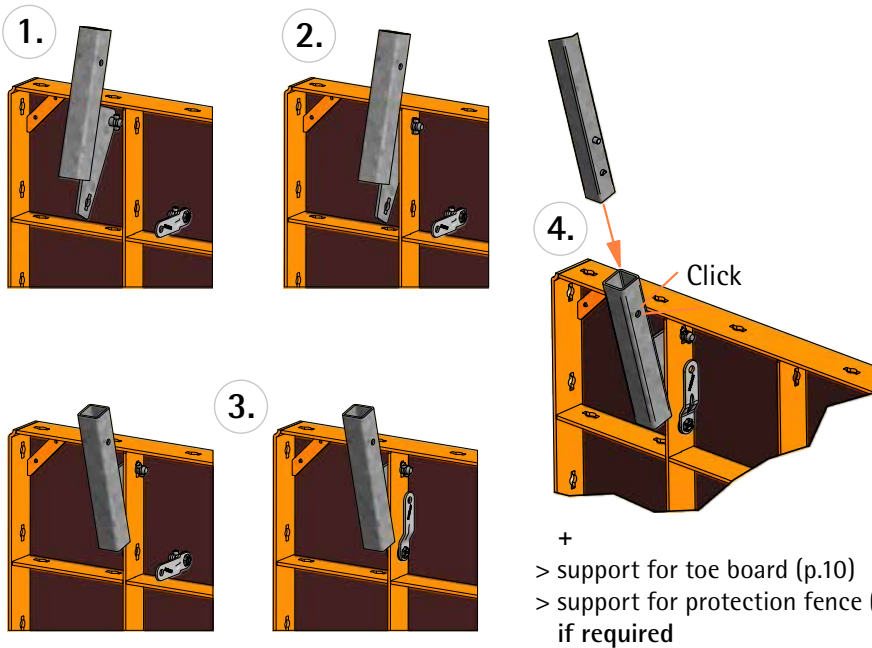
1. Insert the support LOGO in the hole of the upper panel frame.
2. Unscrew the wing nut and fasten tightly.
3. Insert post until the click fastener engages.
4. Hang up and secure boards or fences.

Support LOGO lateral protection



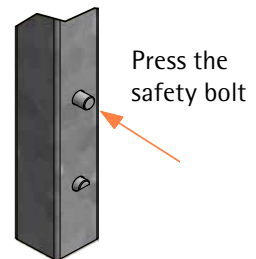
- +
> support for toe board (p.10)
> support for protection fence (p.12)
if required

Support Modular lateral protection

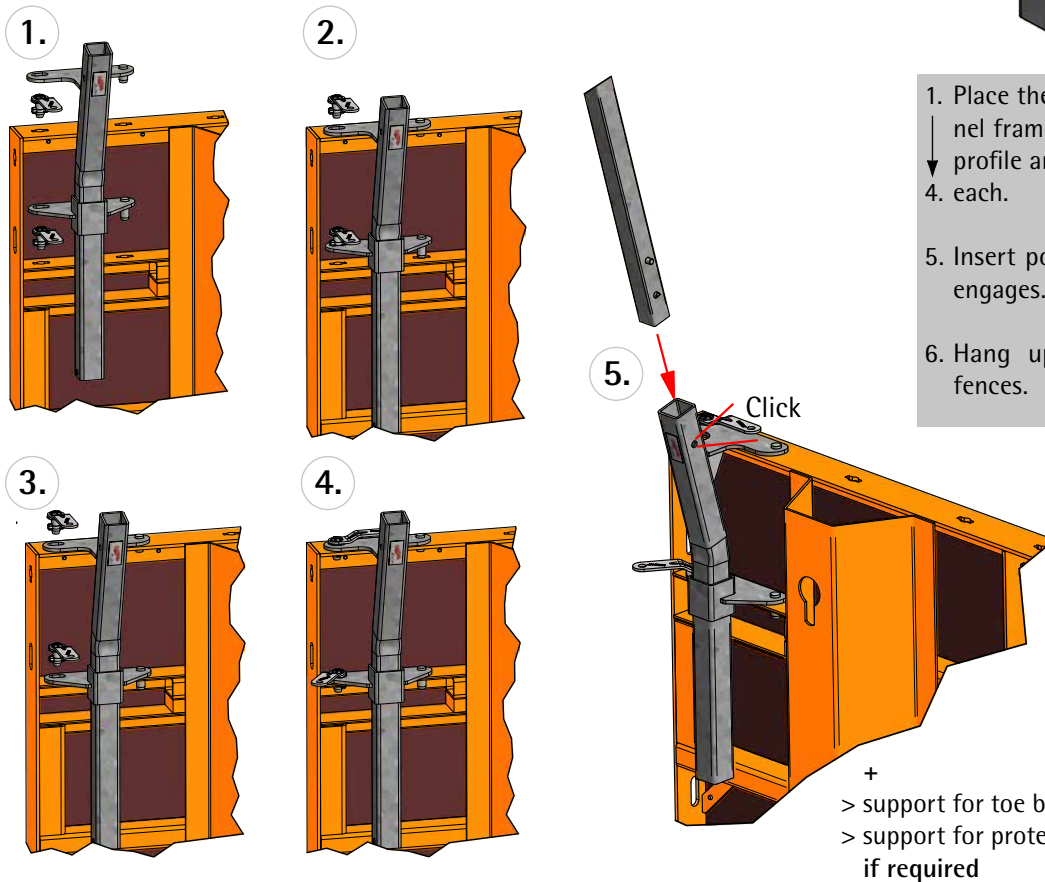


1. Insert the support Modular in the hole of the panel's vertical bar.
2. Rotate the support Modular downwards.
3. Secure the support with the keybolt.
4. Insert post until the click fastener engages.
5. Hang up and secure boards or fences.

To remove the post



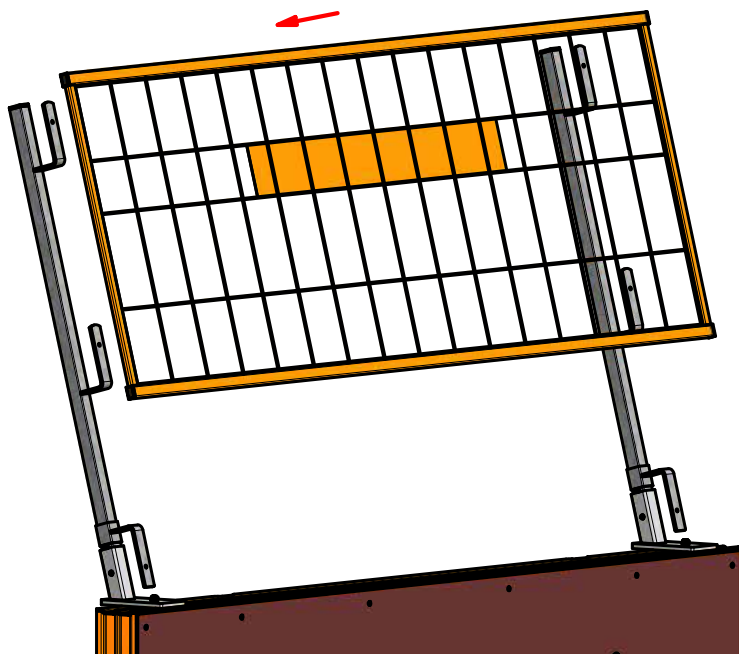
Support GE lateral protection



1. Place the support on the upper panel frame and the perforated angle profile and secure with one keybolt.
2. Insert post until the click fastener engages.
3. Hang up and secure boards or fences.
4. Insert post until the click fastener engages.
5. Hang up and secure boards or fences.

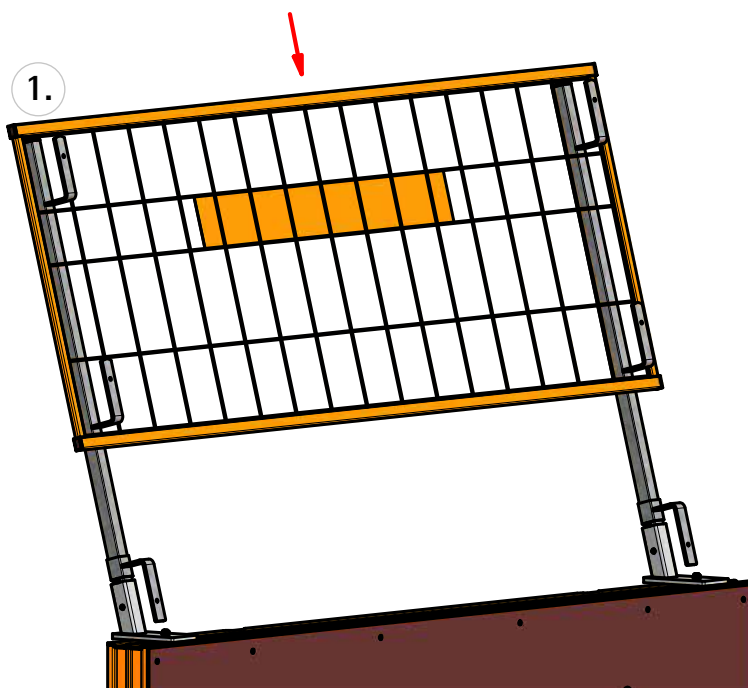
After the supports and posts have been installed, the boards or lateral protection fences are hung up and secured

(Boards see pages 10, 11 and 16)

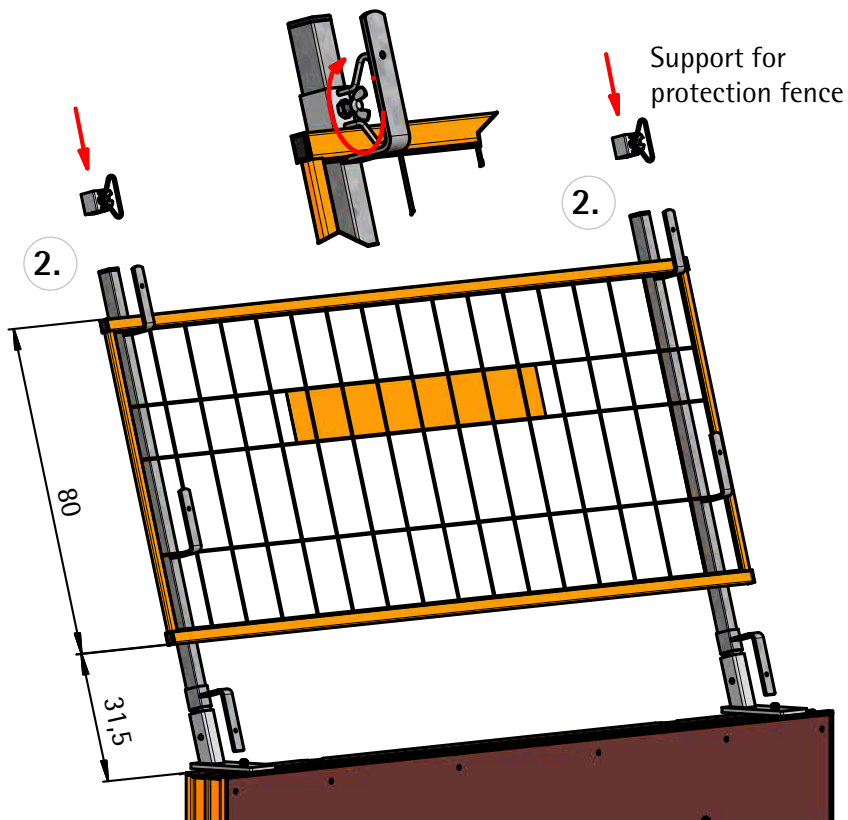


1. Hang up fence

Lateral protection fence 230x80cm
or
Lateral protection fence 130x80cm

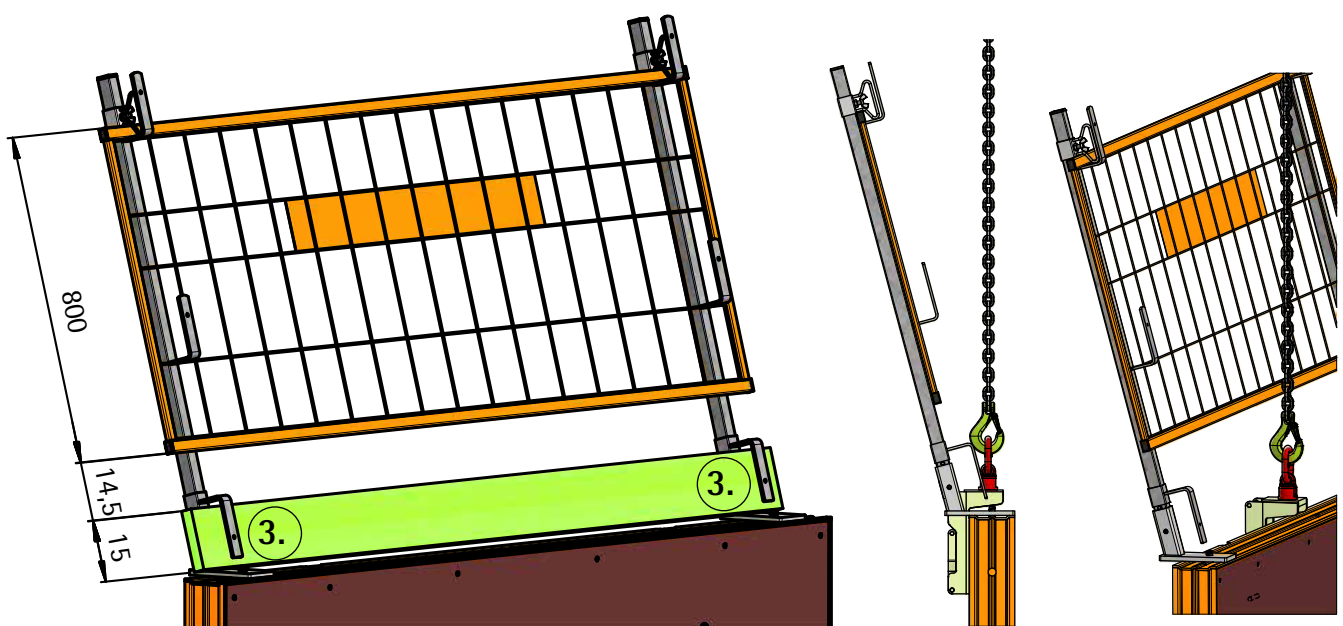


Lateral protection at the formwork



2. Push the support for protection fence on the post from above and secure the fence by tightening.
3. Place the toe board on the panel frame and secure it using the support for toe board.

If the formwork is to be relocated, the necessary crane lifting clamp can be mounted through the gap between the lateral protection fence and the panel frame.





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