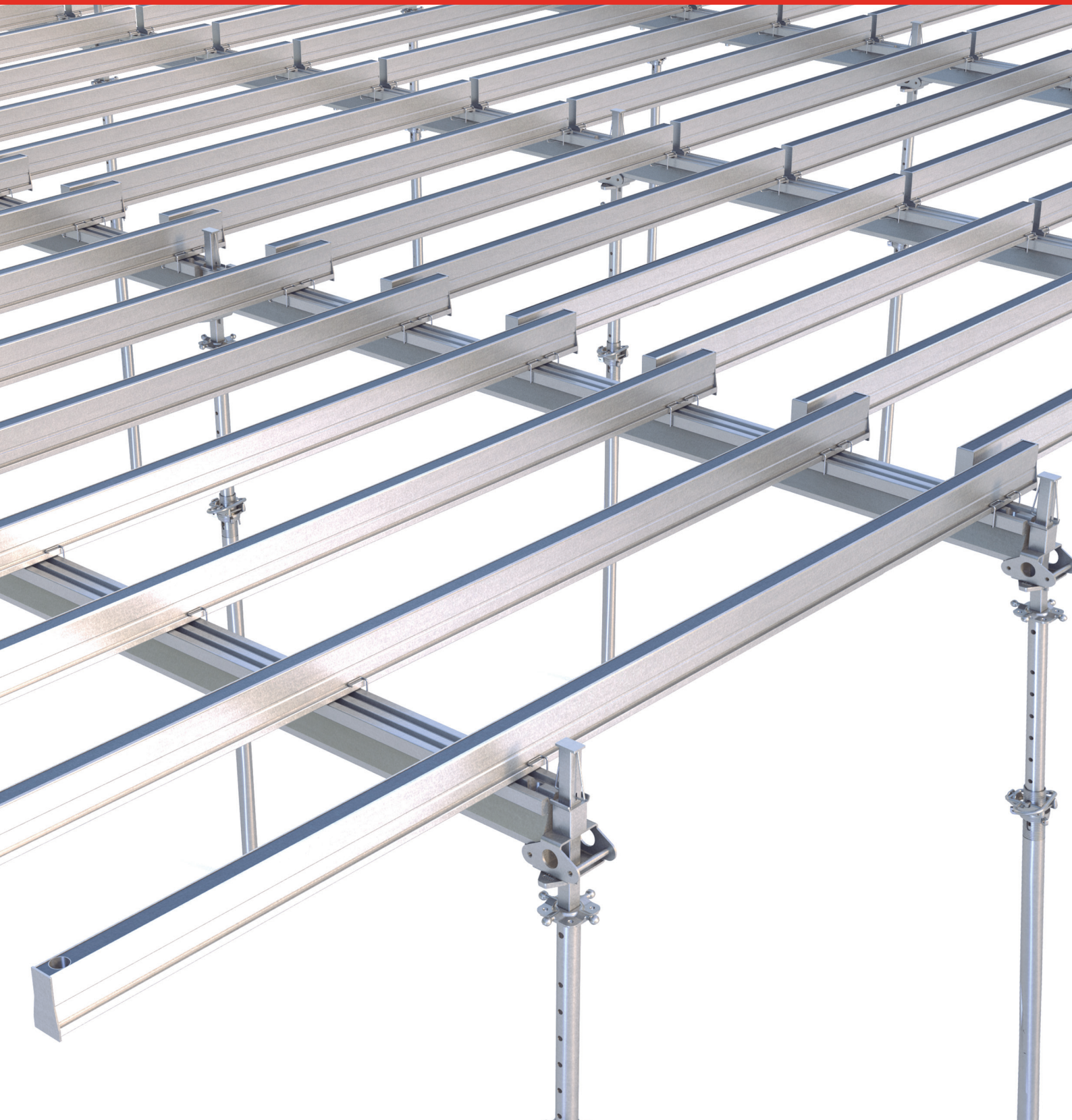
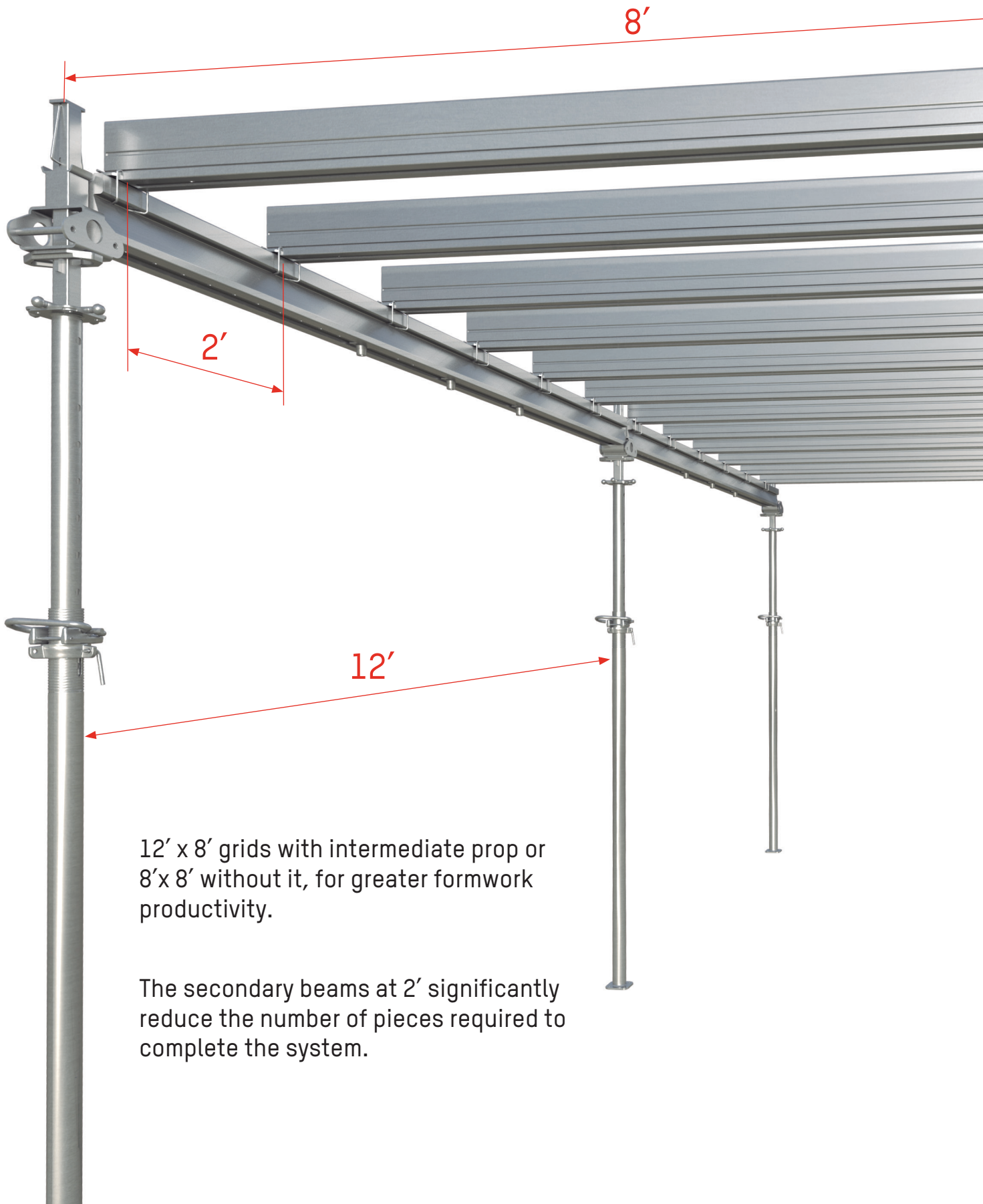


STENdeck®



HIGH PERFORMANCE Shoring System

Bigger



12' x 8' grids with intermediate prop or 8' x 8' without it, for greater formwork productivity.

The secondary beams at 2' significantly reduce the number of pieces required to complete the system.

Lighter

The main girders with variable cross-sections enable significant weight savings with no loss in performance.

Stringer 12'



39.7 lbs

Stringer 8'



34.1 lbs

The secondary girders with elastic polymer are a more lightweight and durable alternative to timber beams.

Joist 12'



31.1 lbs

Joist 8'



19.6 lbs

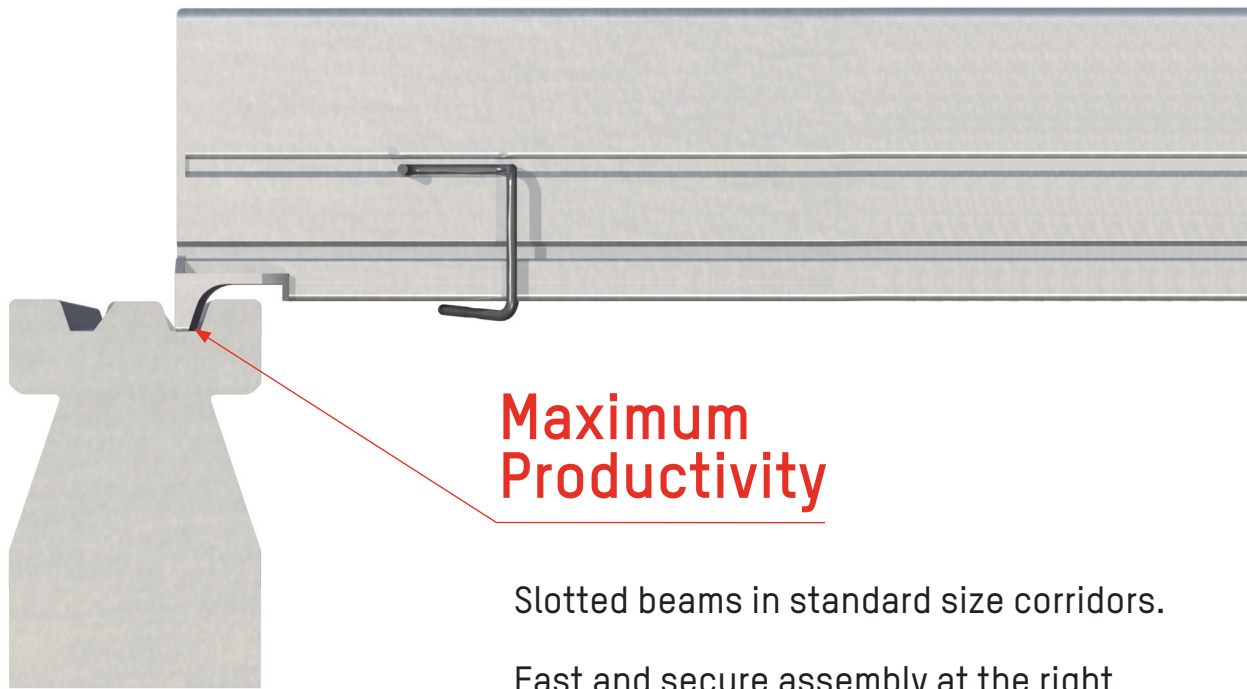
Joist 6'



14.9 lbs



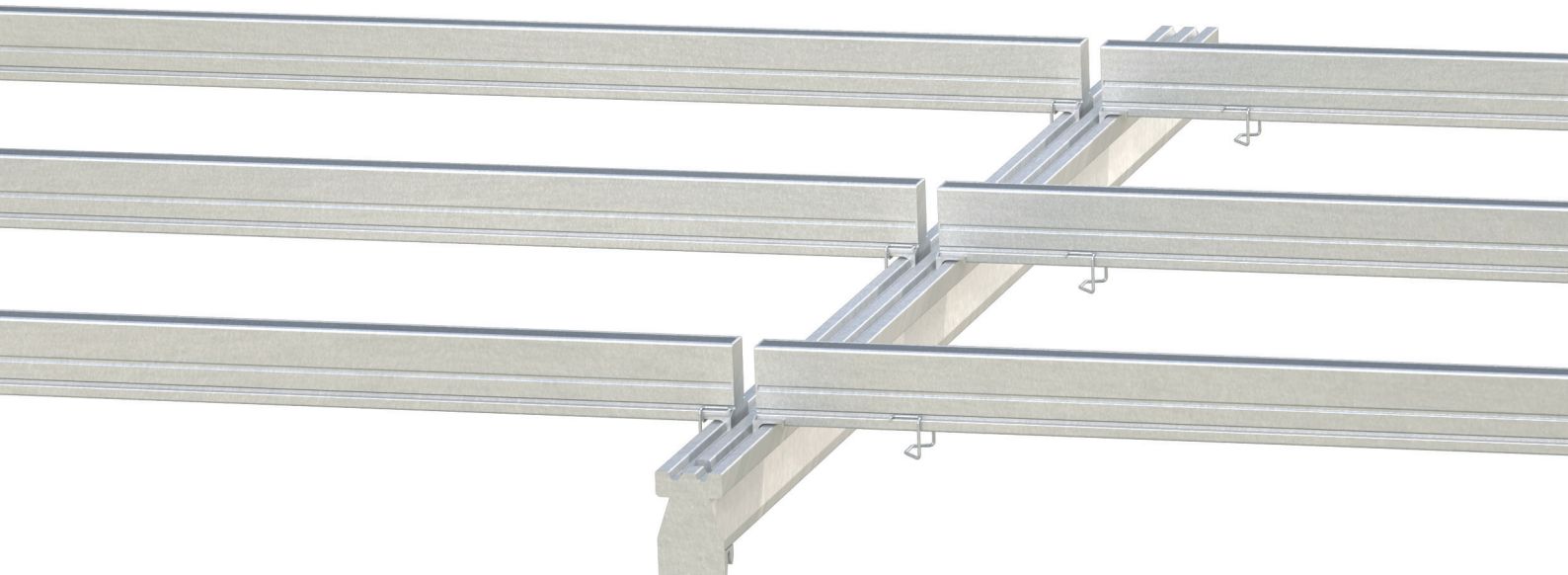
Faster



Maximum Productivity

Slotted beams in standard size corridors.

Fast and secure assembly at the right distance, with wider beam terminals for maximum stability.



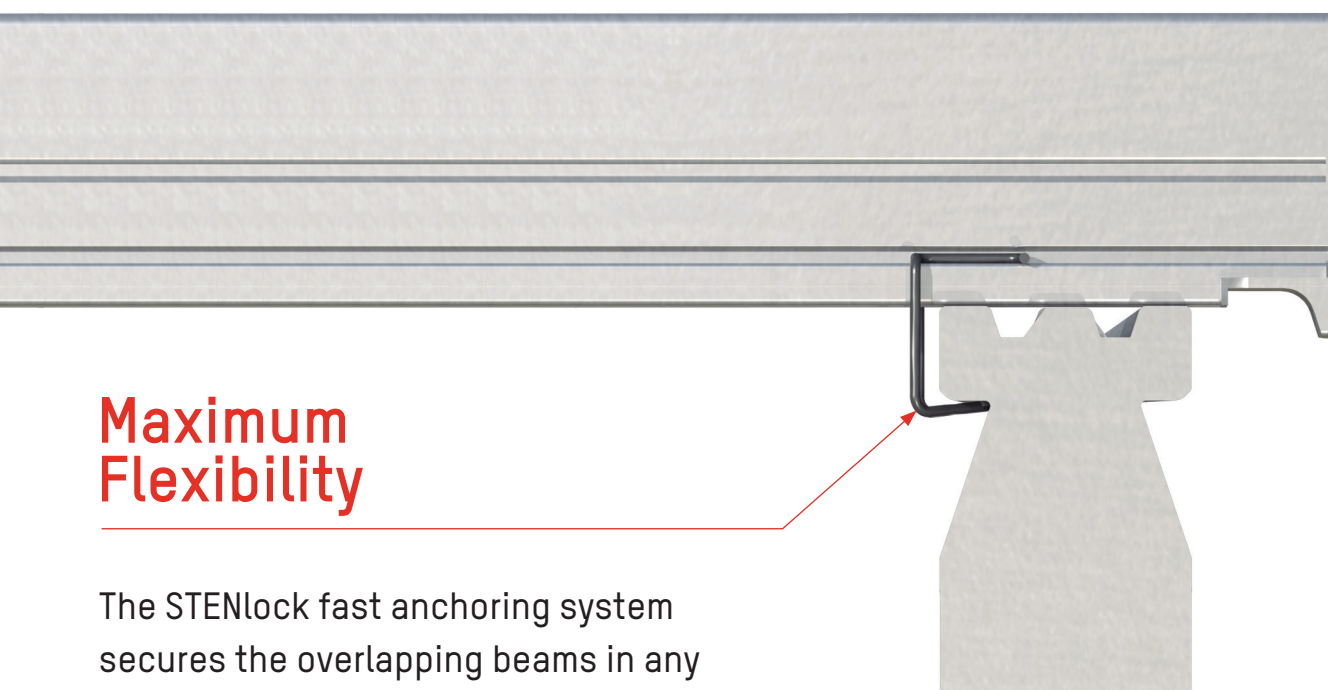
and More Versatile

Maximum Flexibility

The STENlock fast anchoring system secures the overlapping beams in any position and at any angle.

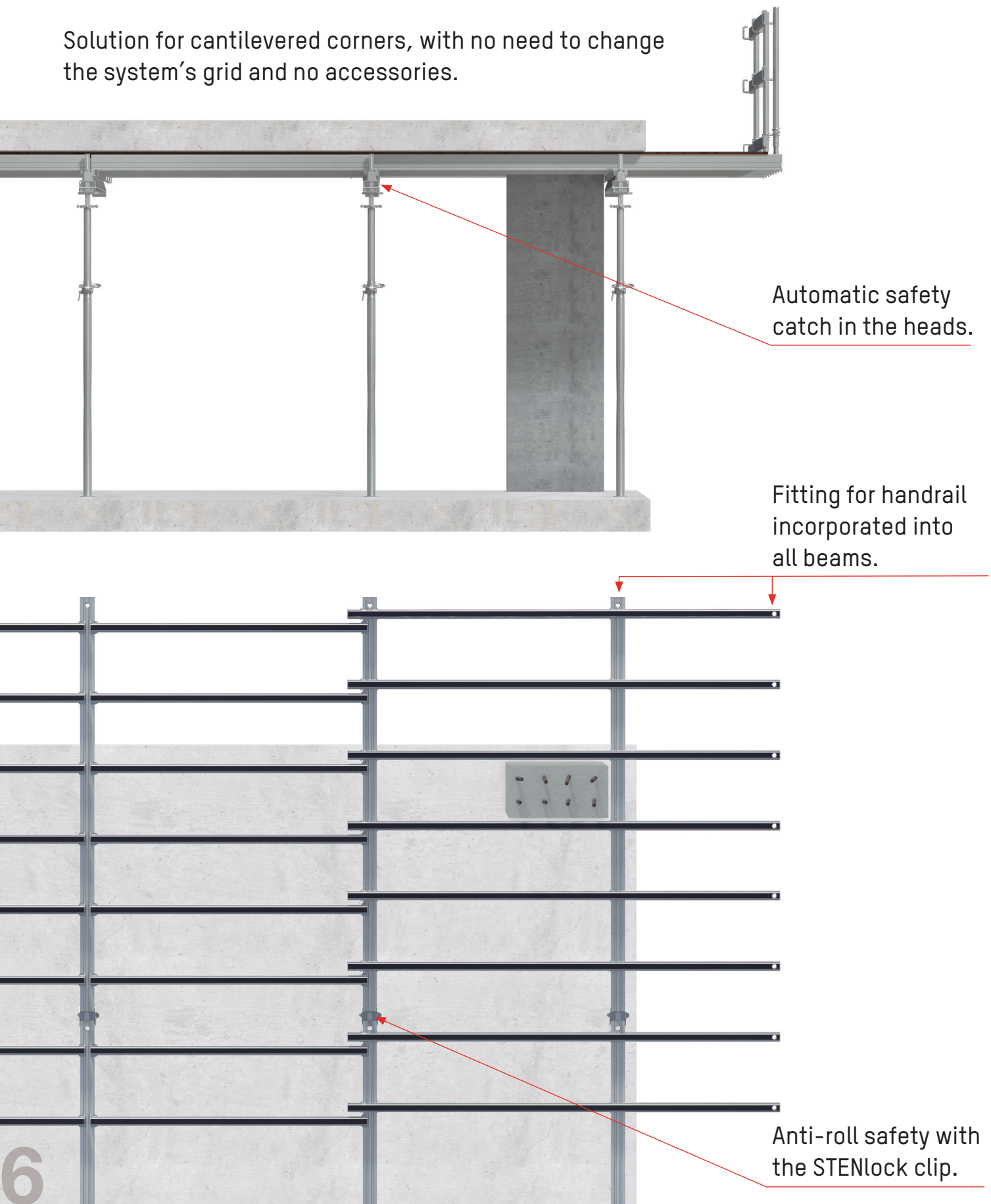
Maximum safety in cantilevers.

Overlapping beams at the same height as the slotted beams for corridors of any size and cantilevers.



Safer

Solution for cantilevered corners, with no need to change the system's grid and no accessories.



Easier to fit

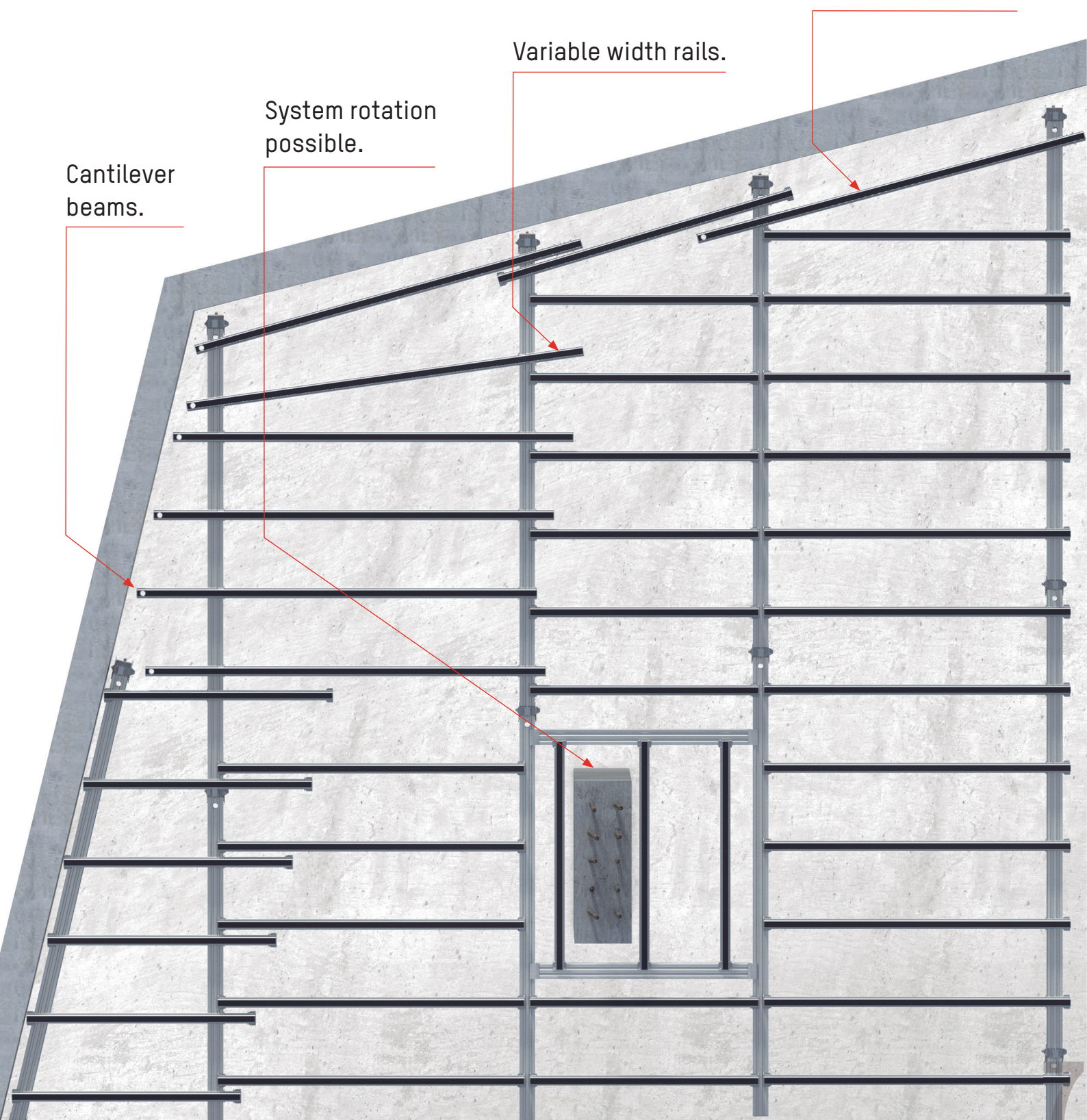
Grid with props that do not need to be aligned.

Non-Perpendicular beams.

Variable width rails.

System rotation possible.

Cantilever beams.



Multihead



- ① Anti-roll safety spring.



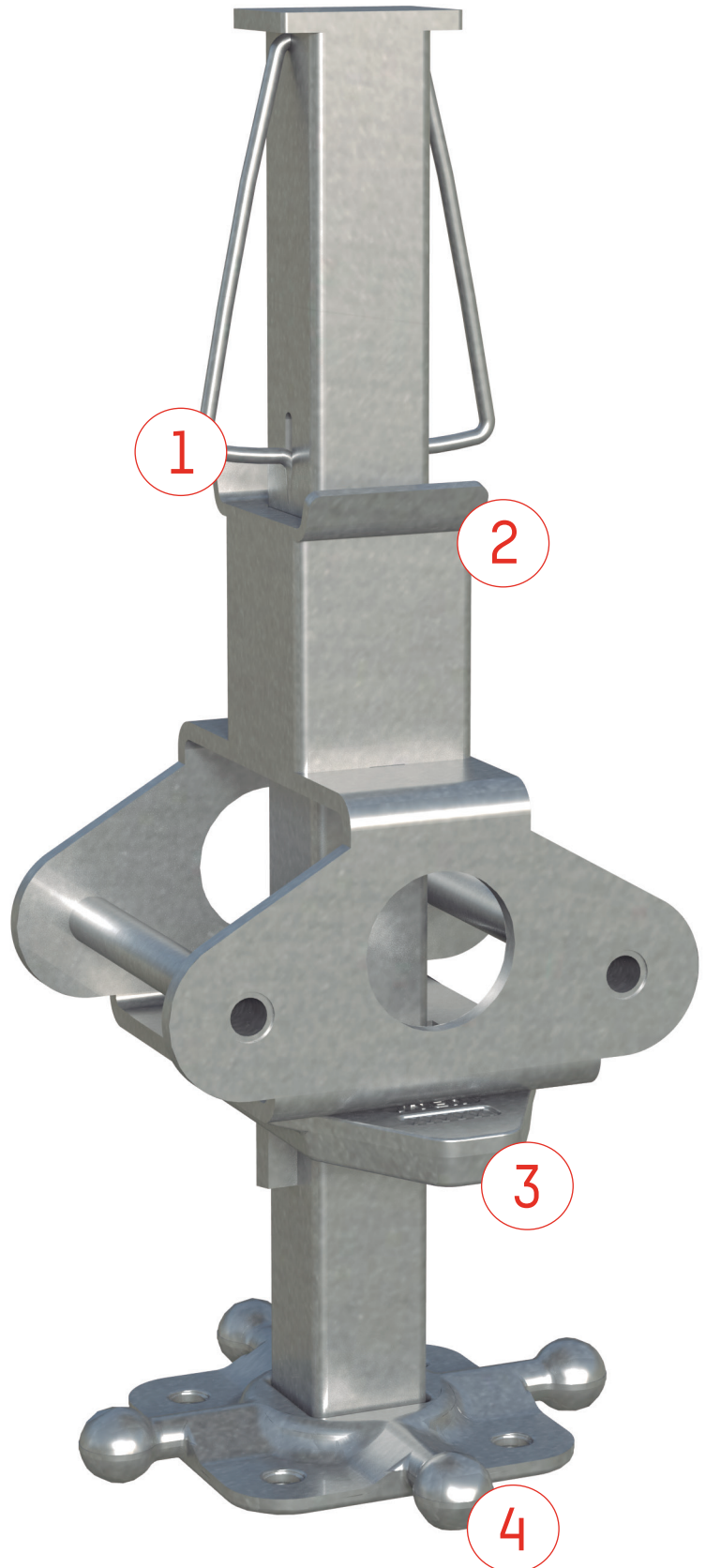
- ② Allows secondary beams to rest on the head.

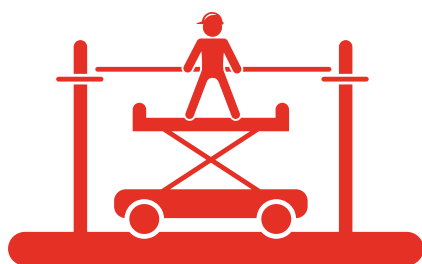


- ③ Fast recovery wedge.
A single blow is enough.

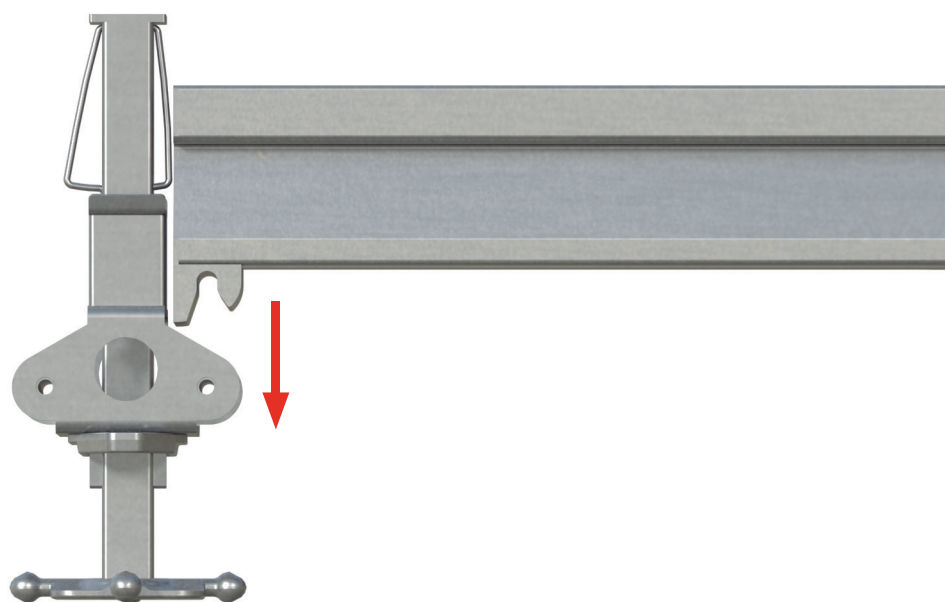


- ④ Integrated anchor points for diagonal bracing.
No ladders needed.

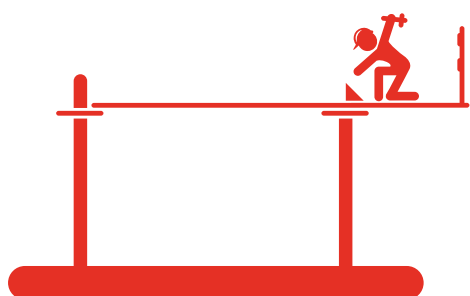
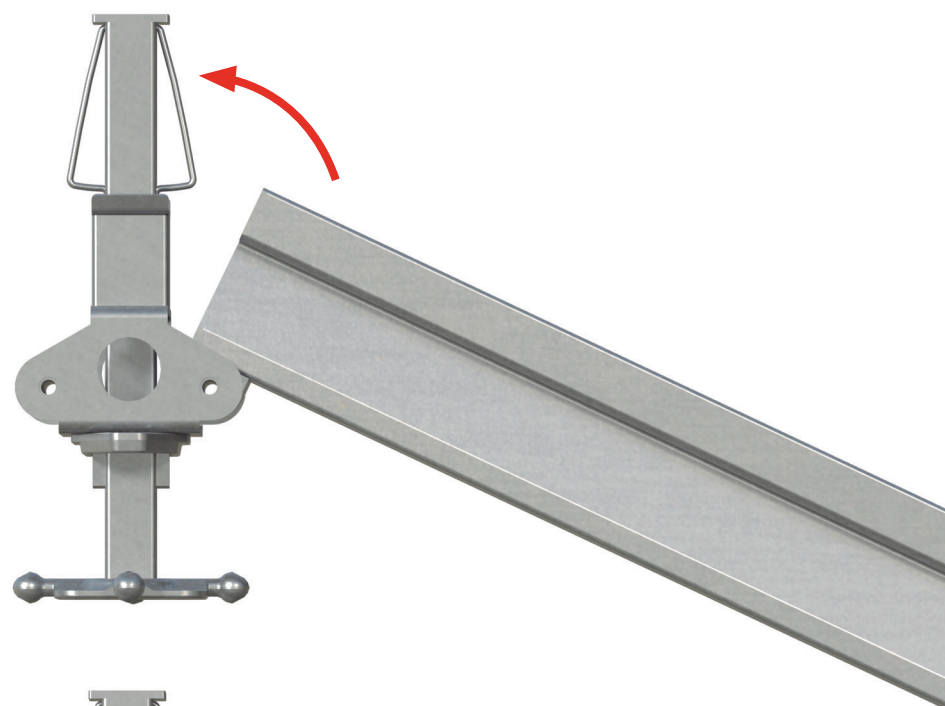




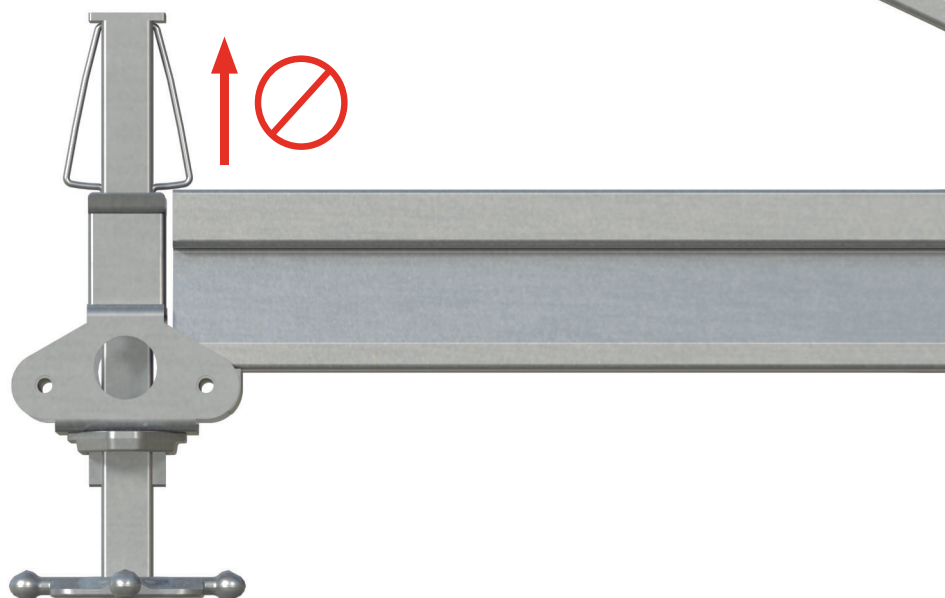
Assemble with a hoist.



Assemble from the ground.

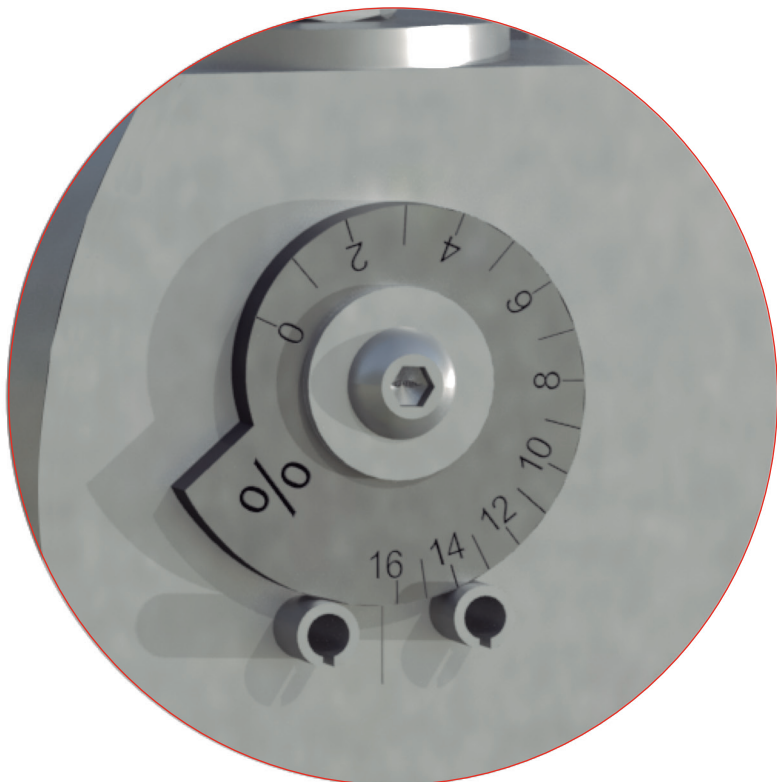
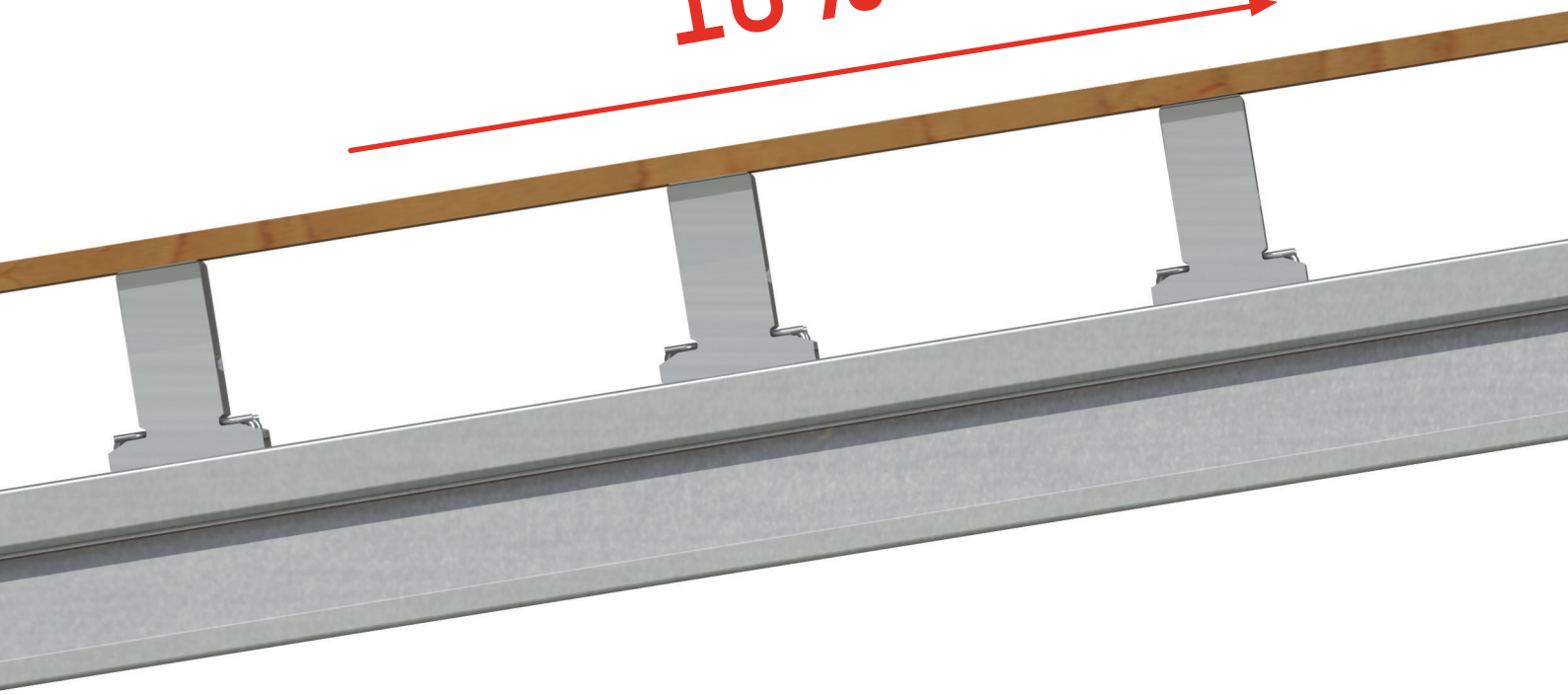


Safe however it is assembled.



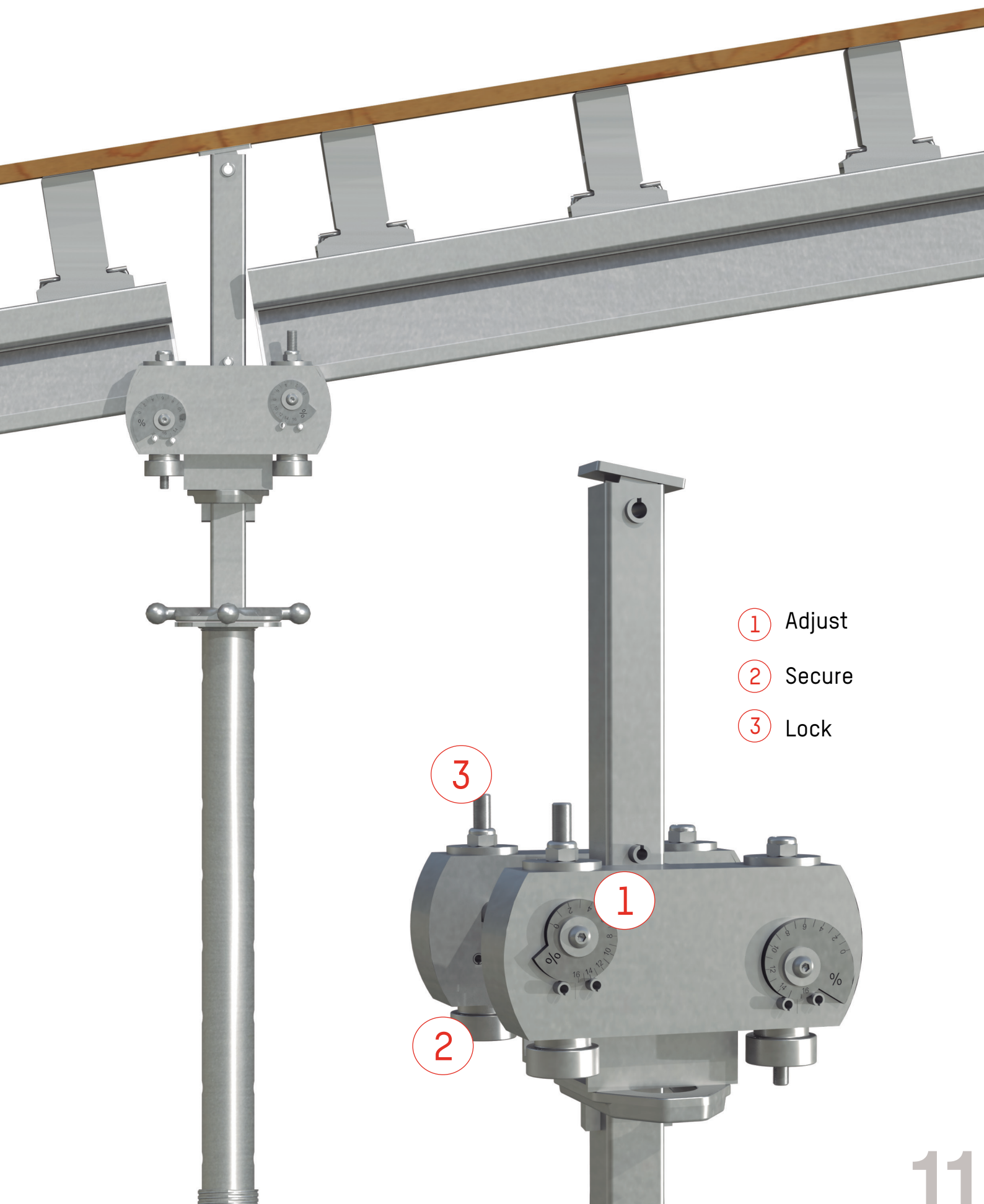
Climb up to

16%

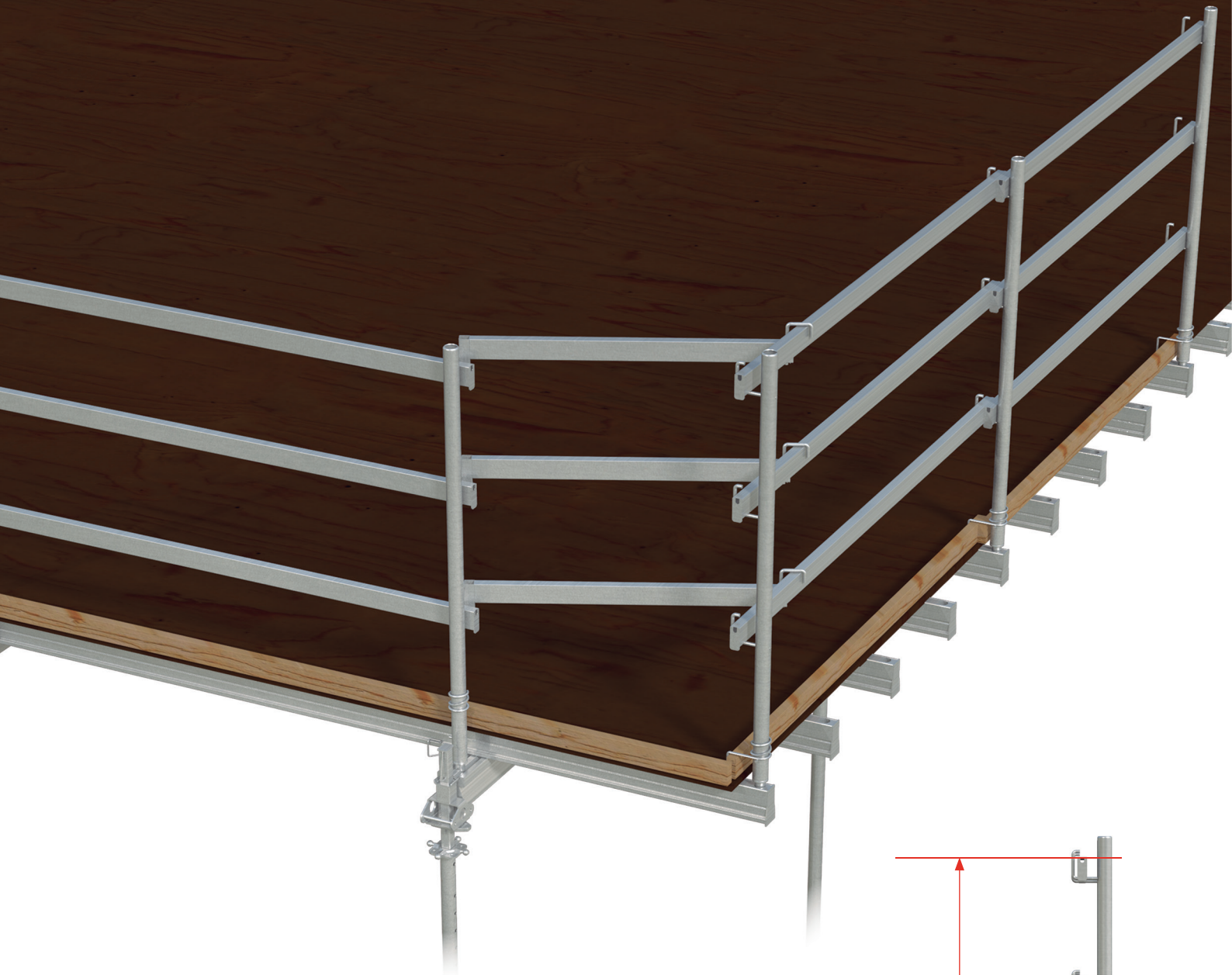


Precision Adjustment

Get the right slope with a turn of the cam.

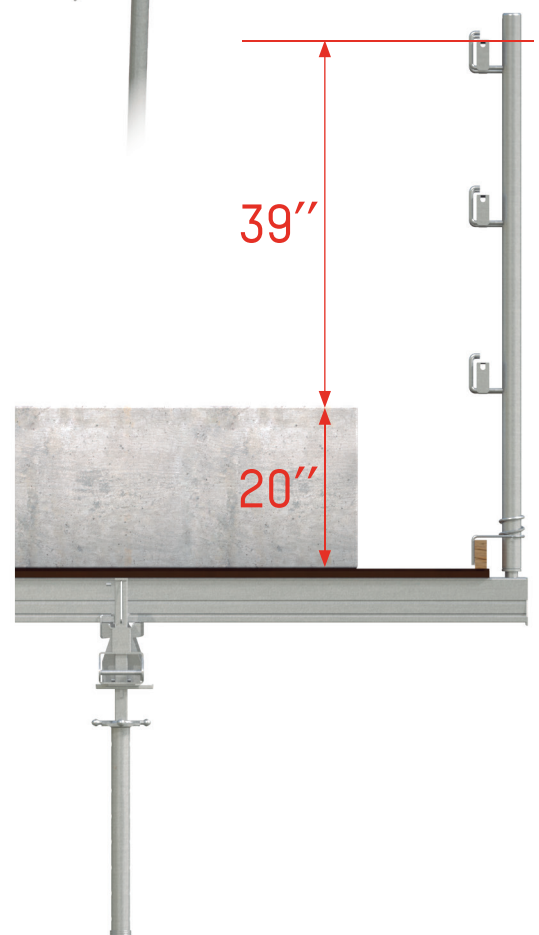


- ① Adjust
- ② Secure
- ③ Lock



Safety from shoring to pouring

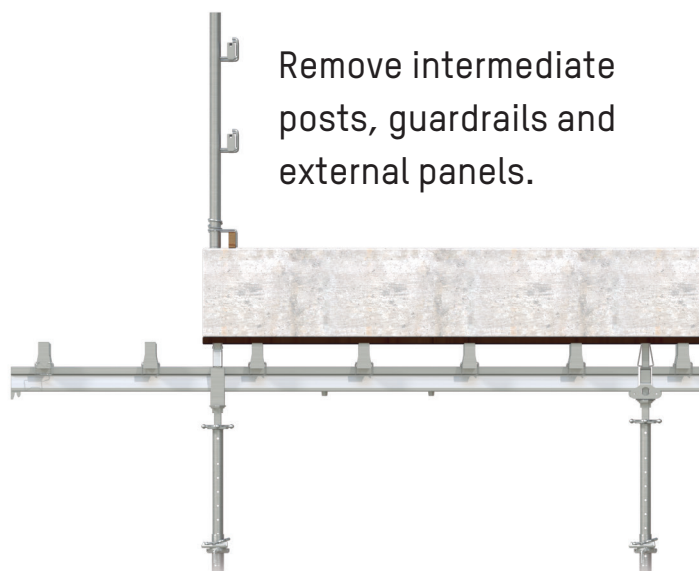
3 guardrails safety posts allow total safety according to OSHA standards even after a pour.



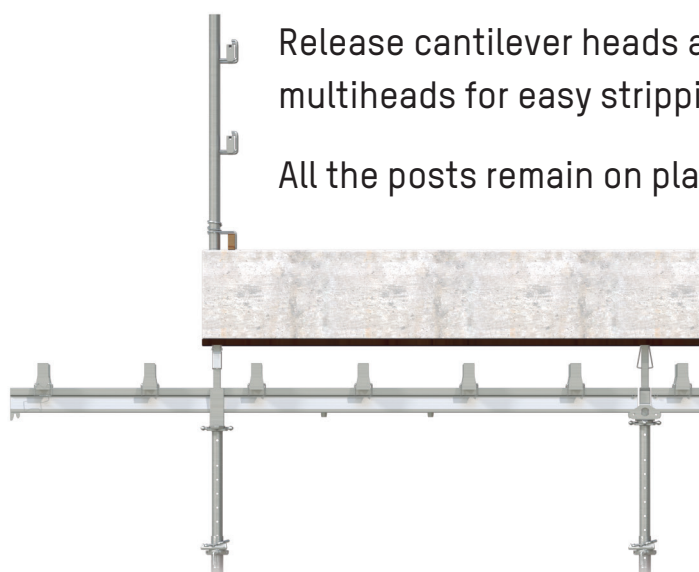
Organized stripping



Ready for stripping



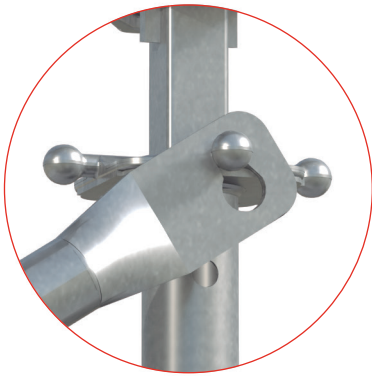
Remove intermediate posts, guardrails and external panels.



Release cantilever heads and multiheads for easy stripping.
All the posts remain on place.

Integrated Quick Stabilization

Assembly from the ground without ladders.



① Quick upper joint to head.



② Intermediate prop joint.

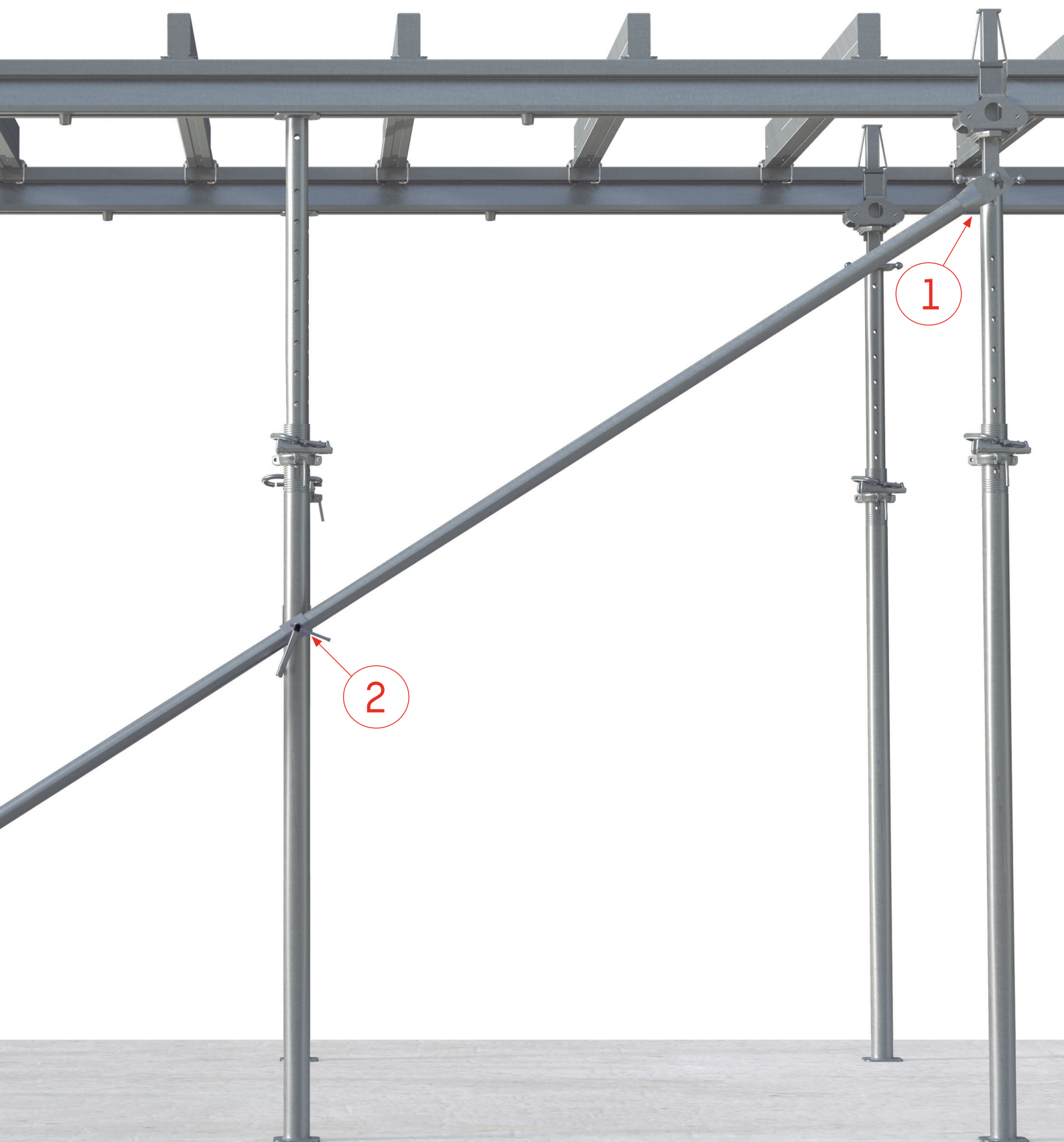


③ Adjustable length.



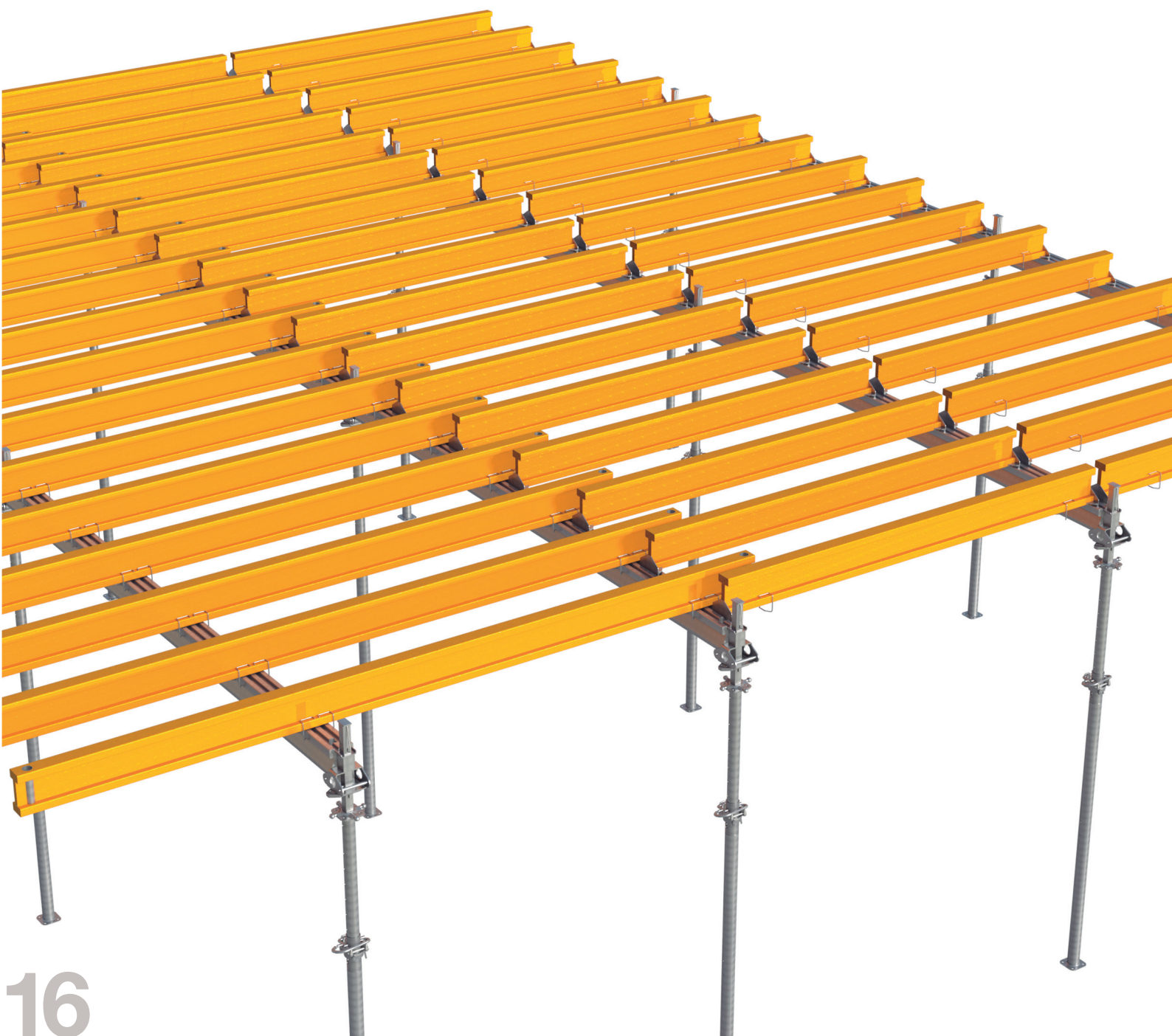
④ Integrated clamp.





STENdeck W® **For timber lovers**

Same configuration and performance as the aluminum system.



Timber beam with terminals that are compatible with the original system.
Includes STENlock safety lock.

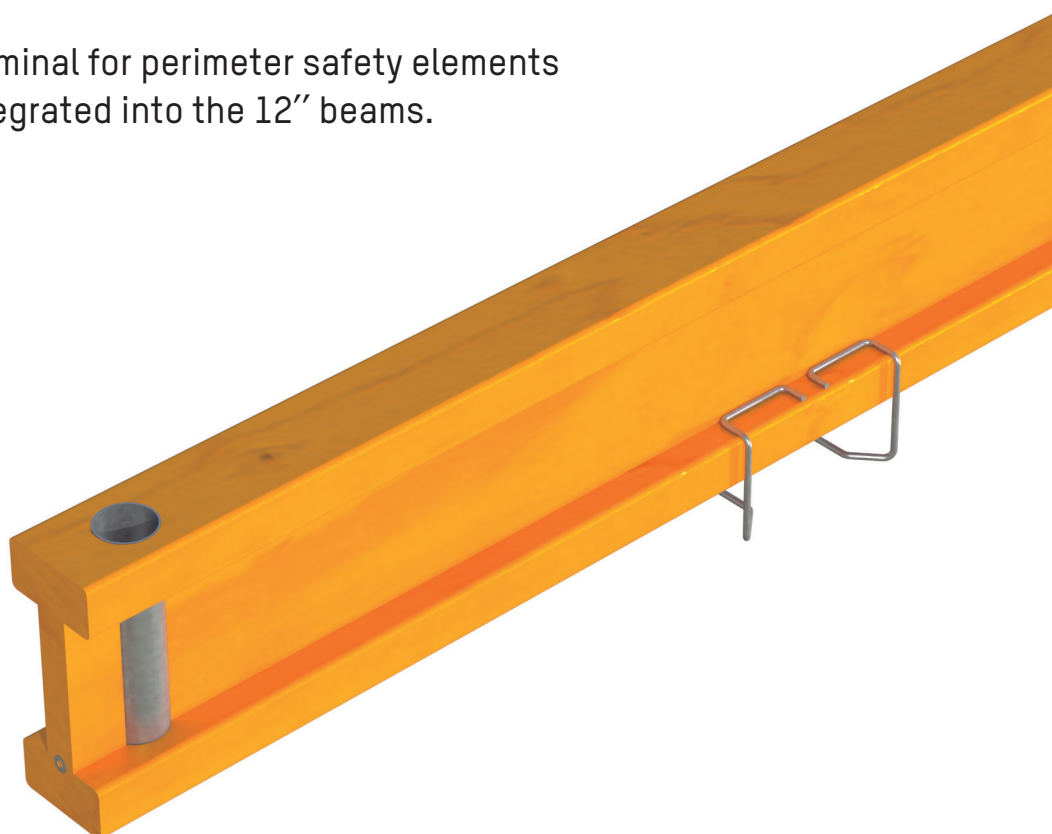
Joist 12'



Joist 8'



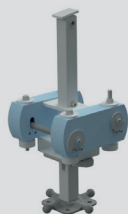
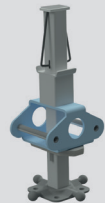

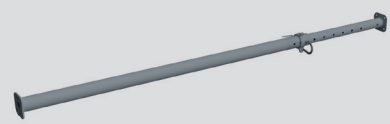


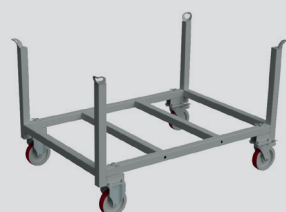
Terminal for perimeter safety elements
integrated into the 12" beams.



STENdeck Components

Code	Description	Weight	Dimensions	Units per rack	
3540	Stringer 12 ft	39.7 lbs	4.7" x 5.5" x 11'-9"	24	
3555	Stringer 5 ft	17.2 lbs	4.7" x 5.5" x 4'-9"	24	
3544	Stringer 4 ft	14.1 lbs	4.7" x 5.5" x 3'-9"	24	
3575	Stringer 6 ft	24.3 lbs	4.7" x 7.2" x 5'-9"	24	
3577	Stringer 7 ft	28.1 lbs	4.7" x 7.2" x 6'-9"	24	
3570	Stringer 8 ft	34.1 lbs	4.7" x 7.2" x 7'-9"	24	
3500	Turned Stringer 6 ft	18.4 lbs	4.7" x 5.5" x 5'-1"	32	
3505	Turned Stringer 8 ft	25.6 lbs	4.7" x 5.5" x 7'-1"	32	
3530	Clip Joist 6 ft	14.9 lbs	3.1" x 5.5" x 5'-1"	44	
3538	Clip Joist 8 ft	19.6 lbs	3.1" x 5.5" x 7'-1"	44	
3510	Cantilever Joist 10 ft	24.6 lbs	3.1" x 5.5" x 10'	44	
3512	Cantilever Joist 12 ft	31.1 lbs	3.1" x 5.5" x 12'-7"	44	
3580	T Spacer STENdeck	10.5 lbs	1.9" x 3.9" x 8'-9.5"	80	

STENdeck Components

Code	Description	Weight	Dimensions	Units per rack	
3565	Ramp Head STENdeck	18.9 lbs	9.8" x 1'-9" x 9.1"	--	
3560	Multihead STENdeck	13.9 lbs	7.3" x 1'-6" x 7.1"	--	
3566	Cantilever Head STENdeck	14.3 lbs	9.7" x 1'-7" x 7.3"	--	
7435	Post Shore STEN E35	44.75 lbs	Min-max height 6'6"-11'5"	35	
7335	Post Shore STEN D35	37.03 lbs	Min-max height 6'6"-11'5"	42	
3581	Bracing 8x12 ft	32.20 lbs	Min-max height 13'3"-15'9"	--	
3582	Bracing 12x12 ft	40.08 lbs	Min-max height 15'3"-17'8"	--	
3546	Safety post	15.3 lbs	6'-2" x 3.2" x 6.5"	--	
3547	Safety ledger	17 lbs	8'-4" x 1.5" x 3.5"	--	
3548	Safety ledger corner	8.6 lbs	4'-0.8" x 1.5" x 9.2"	--	
3501	Open STENrack	132 lbs	2'-1" x 3'-9" x 5'-5"	--	
3503	Closed STENrack	--	--	--	

STENdeck Charts

*Slab Thickness (in)

8ft Joist Lenght							
Secondary beam spacing		Post shore configuration					
Slab (in) *	Spacing	Slab (in) *	Stringers				
			12 ft	8ft	7ft	6ft	5ft
0" - 9"	24.0 in	2" - 11"					
10" - 11"	19.2 in	12"					
12" - 13"	16.0 in	13" - 15"					
14" - 16"	13.7 in	17" - 18"					
17" - 18"	12.0 in						

6ft Joist Lenght							
Secondary beam spacing		Post shore configuration					
Slab (in)*	Spacing	Slab (in) *	Stringers				
			12 ft	8ft	7ft	6ft	5ft
0" - 10"	24.0 in	2" - 16"					
11" - 16"	19.2 in	17"-20"					
17" - 20"	16.0 in	21"- 26"					
21" - 24"	13.7 in	27" - 30"					
25" - 30"	12.0 in						

Legend |  2 shores  |  3 shores  |  4 shores  | Based on 3/4" plywood B-B Class 1 or better

12ft Stringer - 6ft Joist	3 Shores							4 Shores						
Flat Slab Thickness	6.0 in	8.0 in	10.0 in	11.0 in	12.0 in	14.0 in	16.0 in	18.0 in	20.0 in	22.0 in	24.0 in	26.0 in	28.0 in	30.0 in
Drop Head Shore Load (in Kips)	3.48	4.15	4.83	5.17	5.50	6.18	6.85	5.27	5.74	6.22	6.69	7.17	7.64	8.12
Intermediate Shore Load (in Kips)	5.80	6.92	8.05	8.61	9.17	10.30	11.42	7.42	8.08	8.75	9.41	10.09	10.75	11.42

8ft Stringer - 6ft Joist	2 Shores							3 Shores						
Flat Slab Thickness	6.0 in	8.0 in	10.0 in	11.0 in	12.0 in	14.0 in	16.0 in	18.0 in	20.0 in	22.0 in	24.0 in	26.0 in	28.0 in	30.0 in
Drop Head Shore Load (in Kips)	6.19	7.39	8.59	9.20	9.85	11.0	12.2	4.92	5.36	5.80	6.24	6.69	7.14	7.60
Intermediate Shore Load (in Kips)								8.50	9.26	10.02	10.78	11.55	12.34	13.13

12ft Stringer - 8ft Joist	3 Shores						4 Shores				
Flat Slab Thickness	6.0 in	7.0 in	8.0 in	9.0 in	10.0 in	11.0 in	12.0 in	13.0 in	14.0 in	16.0 in	18.0 in
Drop Head Shore Load (in Kips)	4.64	5.09	5.54	5.99	6.45	6.90	5.17	5.46	5.78	6.41	7.04
Intermediate Shore Load (in Kips)	7.73	8.48	9.23	9.88	10.74	11.49	7.27	7.68	8.13	9.02	9.91

8ft Stringer - 8ft Joist	2 Shores							3 Shores			
Flat Slab Thickness	6.0 in	7.0 in	8.0 in	9.0 in	10.0 in	11.0 in	12.0 in	13.0 in	14.0 in	16.0 in	18.0 in
Drop Head Shore Load (in Kips)	8.25	9.05	9.85	10.64	11.46	12.26	13.14	5.09	5.39	5.97	6.57
Intermediate Shore Load (in Kips)								8.79	9.31	10.32	11.34

