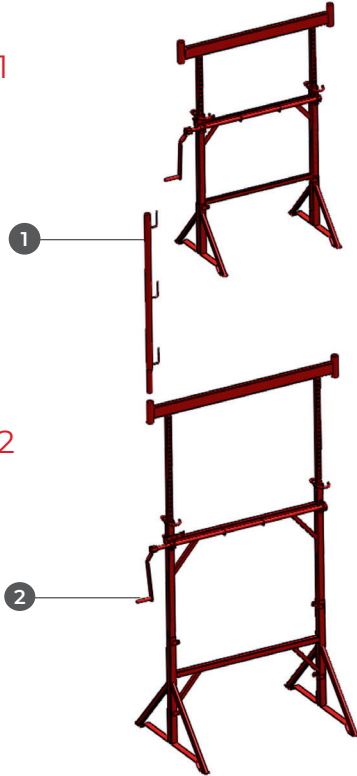


Adjustable horse

Adjustable Horse size 1



Adjustable Horse size 2

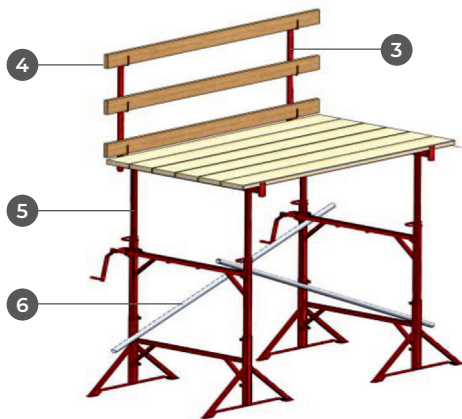
Adjustable Horse for setting up a working scaffolding and for lifting work

- for fast, rational and easy work
- easy assembly and disassembly
- easily adjustable by means of cranking
- no tilting due to double-sided gearwheel mechanism
- maintenance-free due to self-cleaning
- a lock on the pin gear offers optimum safety

Attention!

- According to the Construction Workers' Protection Ordinance §67, a guardrail with breast, middle and foot barriers as well as a longitudinal bracing between the separate horses is required from a stand height of 2m.
- the installation surface must be load-bearing and even
- Secure height adjustment with bolts
- Do not adjust height under load
- max. load 15kN with even load

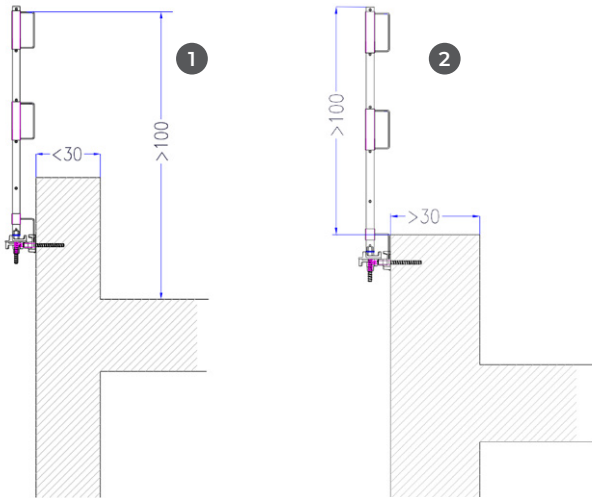
Setup over 2.0m height



- 1** Railing post for adjustable horse
- 2** Crank for adjustable horse
- 3** Safety railing
- 4** Side protection
- 5** Adjustable horse
- 6** Tube with 2 couplers

Description	Art. Nr.	Adjustment	Decking width	Weight
1 Adjustable horse size 1	10001994	1,20-2,00m	1,25m	35,0kg
2 Adjustable horse size 2	10001993	1,70-3,00m	1,50m	58,0kg
3 Railing post for adjustable horse	10001991			3,0kg
4 Crank for crank block	10001995			1,0kg

Fall Protection by Parapets



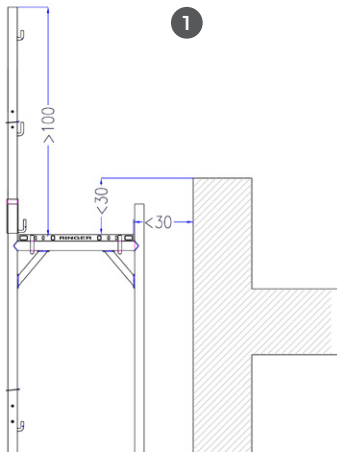
Assembly variant for securing parapet on flat roofs

Comply with the requirements of the Construction safety regulations and the ÖNORM B4007 for scaffolding

Side protection made with:

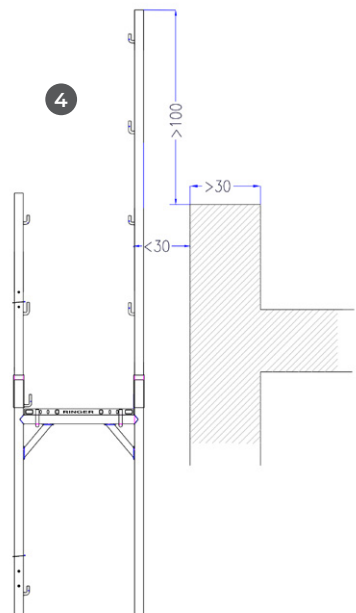
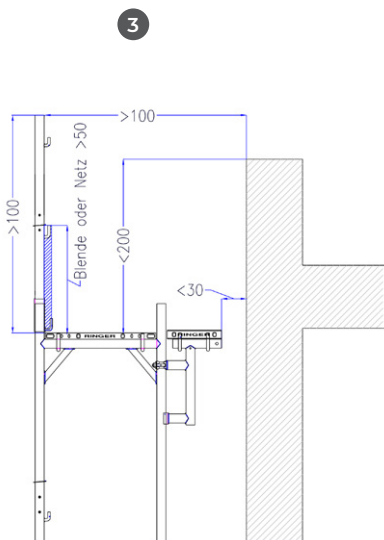
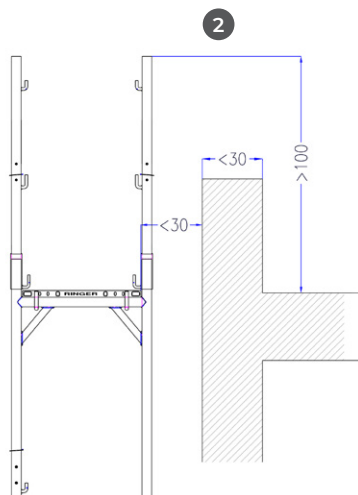
- Screwable protection railing or
- Guardrail post for protection grid or
- Slab end post

- 1 Parapet narrower than 30cm
- 2 Parapet wider than 30cm



Side protection made with facade scaffolding:

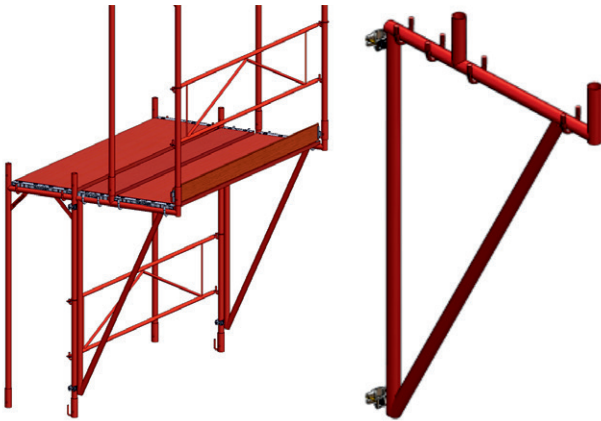
- 1 Platform level max. 30cm lower
- 2 Parapet narrower than 30cm
- 3 Platform level lower than 30cm, mounting as protection scaffolding necessary
- 4 Parapet wider than 30cm, platform level lower than 30cm



Bracket 0,9 and 1,2m

Bracket 0,9m

- Scaffolding height max. 24m
- Further assembly up to max. 4 scaffolding levels



Bracket to enlarge scaffolding for 0,9 and 1,2m

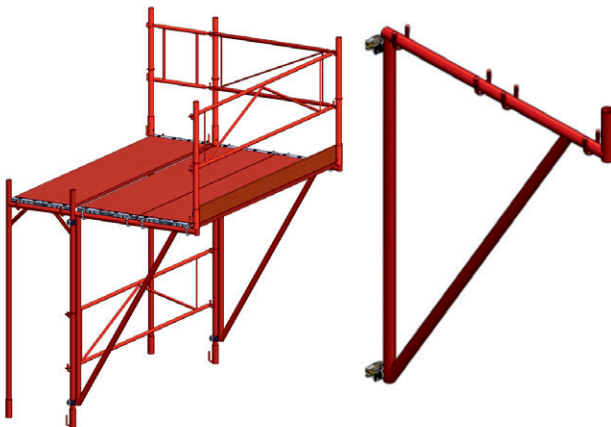
Usage:

- to enlarge working platform surface or to by-pass wall projections
- as working, protection and catching scaffolding
- max. load capacity of platform level 200kg/m²

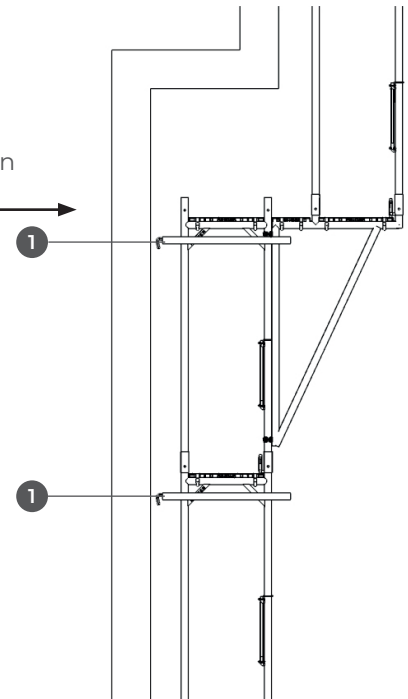
1 Anchoring at each frame

Bracket 1,2m

- Scaffolding height max. 24m
- No scaffolding levels above possible

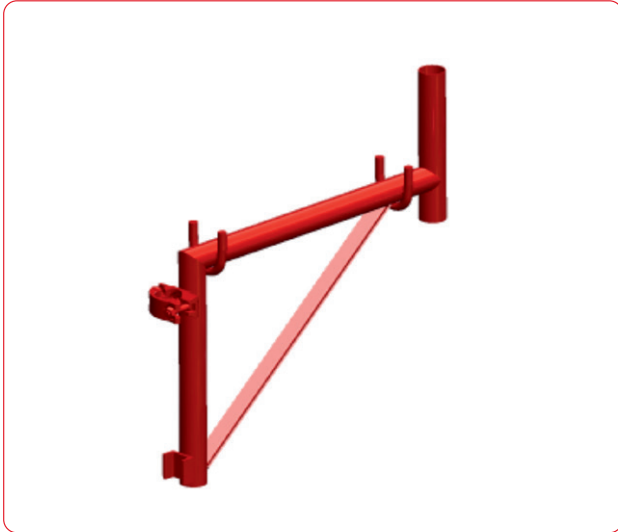


Anchor tension
1000kg



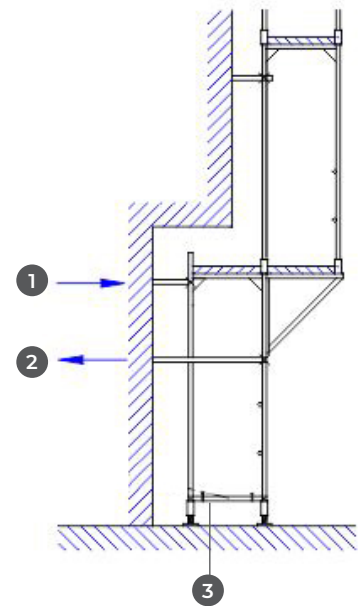
Description	Art. No.	Weight
Bracket 0,9m	10000433	19,50kg
Bracket 1,2m	10000429	20,50kg

Bracket 0,60m

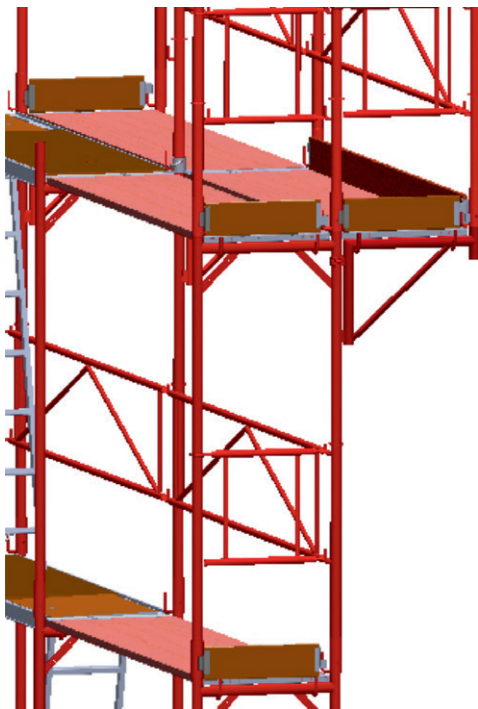


Usage:

- Easy bracket 0,6m to enlarge scaffolding
- Fast assembly with fixed welded angle for the further assembly
- Max. 6 levels on top of the other



- 1 Anchor tension 1000kg
- 2 Anchor pressure 1000kg
- 3 Board Bearer
Anchoring at each frame



Description

Bracket with
Screw Coupler and
welded Angle
Bracket with
Screw Coupler and
welded Angle
galvanized

Art. No.

10002262

10000219

Weight

6,70kg

7,00kg



For further information see Instruction
DG + SB Scaffolding

Bracket for Protection Scaffolding



For a quick and safe production of a protection scaffolding according to Norm B4007 and regulations for protection during construction work

Usage:

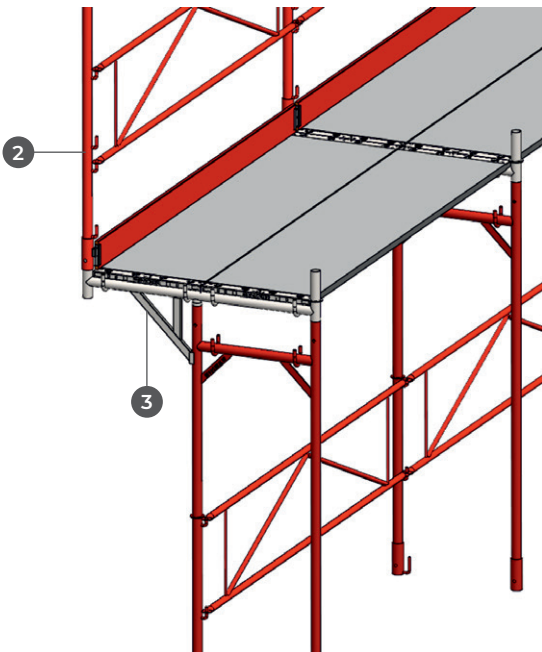
- As working, catching and roof protection scaffolding
- Used with Double Railing and Speedy scaffolding
- As scaffolding extension up to 1,2m

Advantages:

- no couplers required
- quick and easy installation
- no gaps between platforms (no protruding scaffolding tubes) thus no danger of stumbling or injury from falling down
- incl. platform security in the middle

Installation:

- mount on frame tubes
- install platforms
- install side protection with protection post (or 2 guard-rail posts one upon the other)
- secure platform with the help of safety pin and from inner side with wind protection ring
- safety net is used for further protection



- 1 Platform security
- 2 Side protection
- 3 Protection scaffolding

Description	Art. No.	Weight
Bracket 1,2m for protection scaffolding	10002721	10,00kg
Bracket 1,2m for protection scaffolding galv.	10000045	10,30kg



For further information see Instruction DG + SB Scaffolding

Bracket for wall mounting

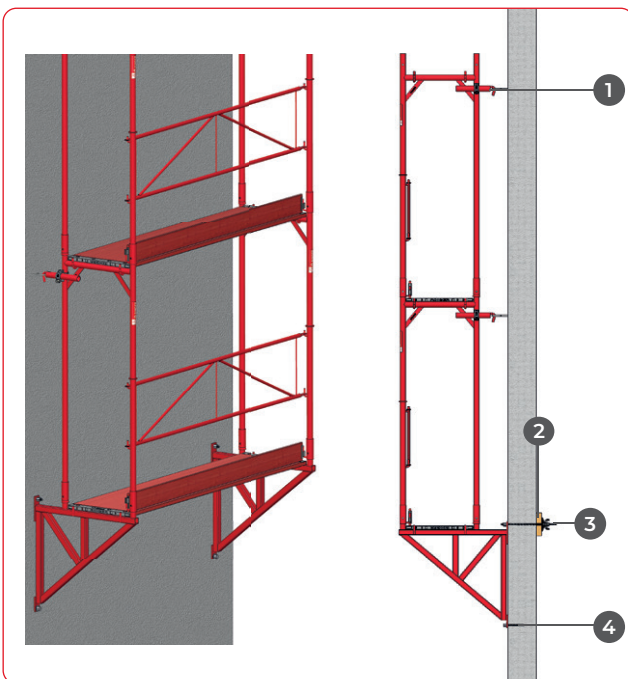


Application:

- if it is not possible to erect the scaffold on the ground
- max. scaffolding height 30m

Anchoring:

- Anchoring according to picture below or with dowel
- Loads with field length of 2.5m
- Anchor loads according to table
- Safety factors according to anchor manufacturer
- Scaffolding anchoring according to assembly instructions



- 1 Anchor each frame in the first two floors
- 2 Distribution bar
- 3 Tie Rod DW15 with combi plate
- 4 Heavy duty anchor min. M16

Anchor forces		
Scaffolding height	Horizontal forces	Vertical forces
10	7kN	10kN
20	15kN	21kN
30	22kN	31kN

Description

Bracket 0,9m for wall mounting

Art. Nr.

10000919

Weight

17,0kg



For more details see assembly instructions DG + SB scaffolding

Brackets



Brackets for widening the platform levels of scaffolding

- 1** Bracket 0,6m without angle as enlarging bracket:
- 2** Bracket 0,6m with angle for intermediate levels
- 3** Bracket 0,3m for enlargements, if the distance to the façade is greater than 30cm
- 4** Enlarging bracket 0,65m with welded angle only for widening

Examples of application

Bracket 0,6m with angle

- for widening with protection post

Bracket 0,3m

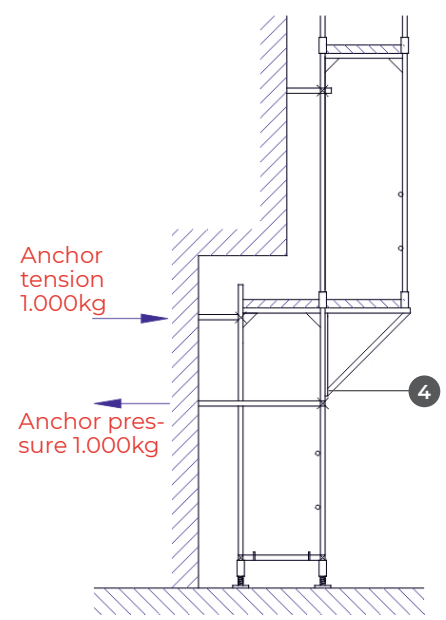
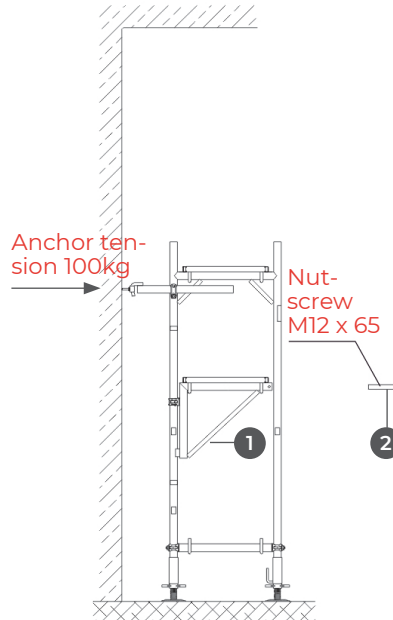
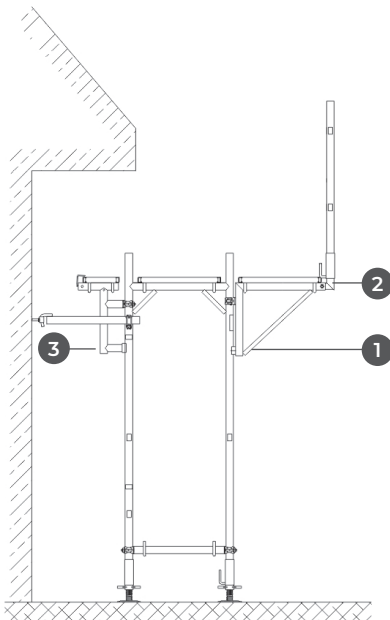
- as internal bracket incl. lift-out protection for distances over 30cm

Bracket 0,6m

- without angle for intermediate level

Enlarging bracket 0,65m

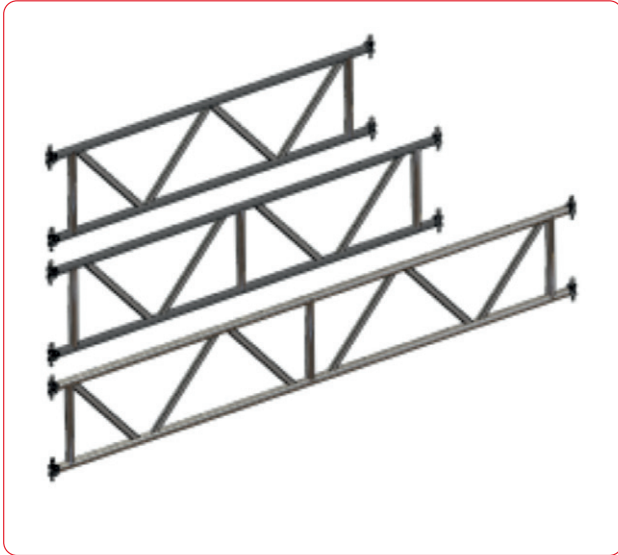
- With welded-on angle as widening with mounted scaffolding frame



For more details see assembly instructions DG + SB scaffolding

	Description	Art. Nr.	Weight
1	Bracket 0,6m with screw coupler dip-coated	10003472	5,8kg
	galvanized	10003469	6,2kg
2	Angle for bracket with screw dip-coated	10001897	1,2kg
	galvanized	10001901	1,4kg
3	Bracket 0,3m galvanized ncl. lift-out protection	10001260	5,1 kg
4	Enlarging Bracket 0,65m galvanized	10004012	8,5kg

Bridging Beam for Passage Frames



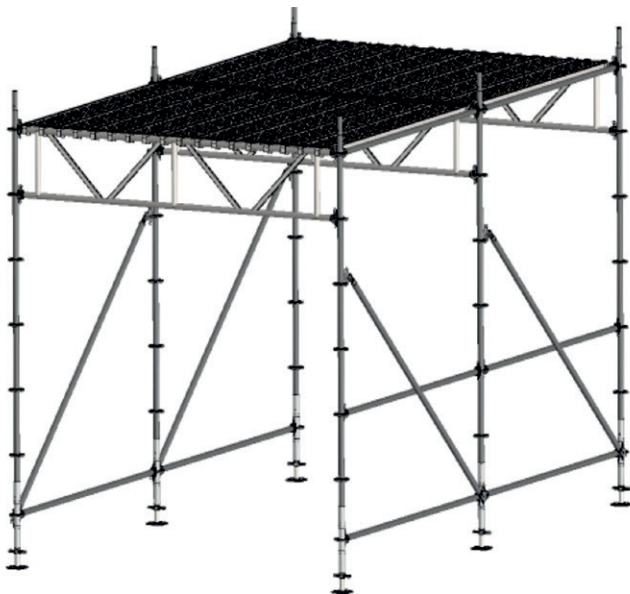
Bridging Beam for easy assembly of a passage from modular scaffolding parts

Usage:

- As passage frame width 2,5 up to 4,0m
- Max. bearing capacity of platform level up to 500 kg/m²
- Passage height from 2,4m-3,4m (excl. base plate) without additional horizontal stiffening

Advantages:

- Quick installation
- One M-bridging beam replaces
 - 1 pc. supporting bar
 - 1 pc. horizontal brace
 - 1 pc. diagonal brace
- Lower height is required (passage height + 50cm)
- Further levels of facade scaffolding up to max 24 m height



Description

Description	Art. No.	Weight
M-Bridging Beam 2,5m galv.	10004464	29,00kg
M-Bridging Beam 3,0m galv.	10004465	34,00kg
M-Bridging Beam 4,0m galv.	10004466	42,00kg



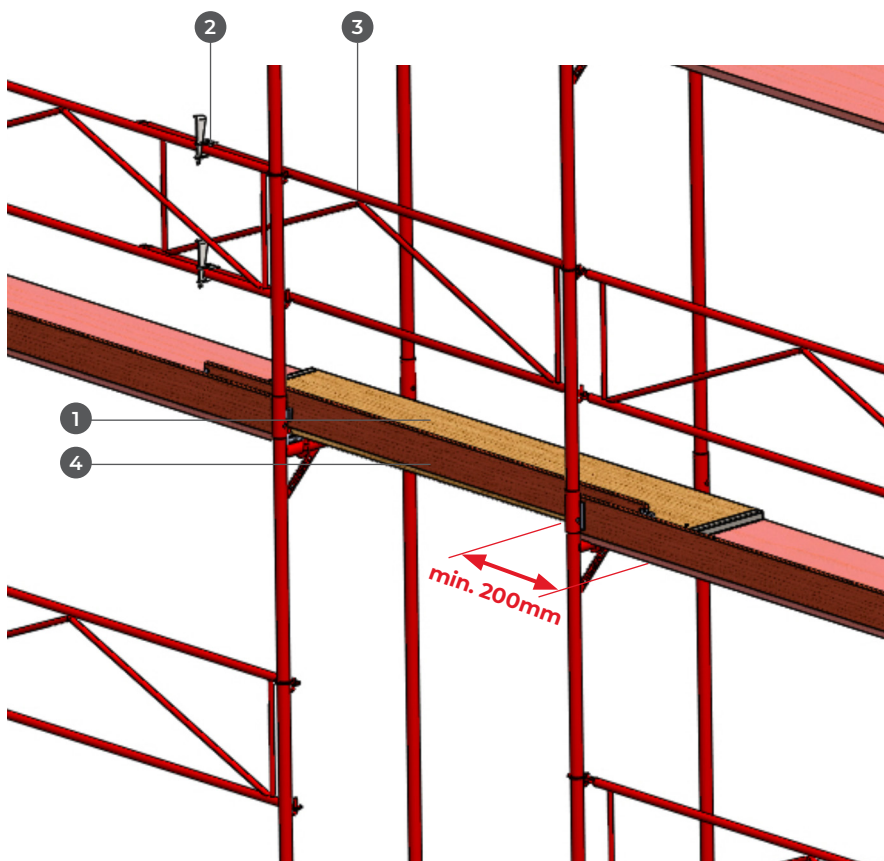
For further information see Assembly and Usage instruction M-Scaffolding

Compensation Board for facade scaffolding



Used to cover the remaining open areas

- Size 2,5 x 0,55 m
- Multi-bonded wooden board with edge protection
- Max. compensation length 2,1m
- Max. load capacity 200 kg/m²
- Protected against weathering and decay



- 1 Compensation board 2,5m
- 2 Brace connector
- 3 DG or brace DG adjustable
- 4 Toe board

Description

Compensation board 2,5m

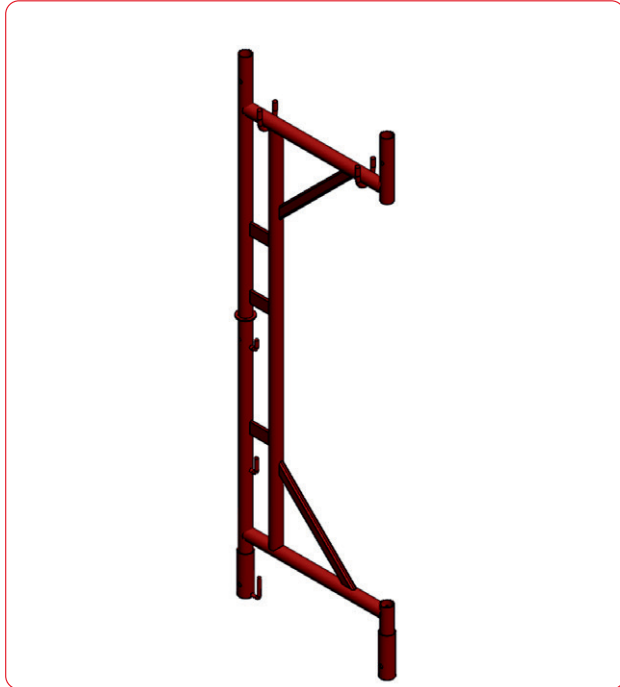
Art. No.

10000159

Weight

24,0kg

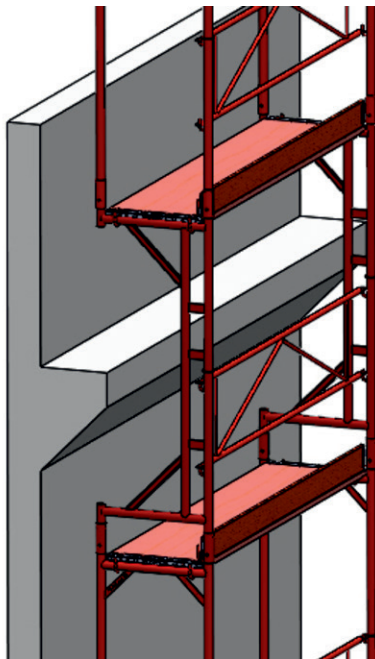
Cornice Frames



Special frames to scaffold facade with wall projections

Usage:

- As working scaffold
- Load capacity of platform max. 200kg/m²
- For Double Railing and Speedy Scaffolding systems
- Open space = 50cm



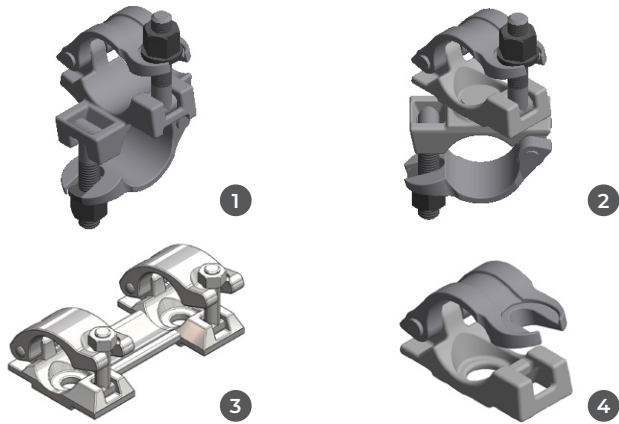
Description	Art. No.	Weight
Cornice Frames 0,65 x 2m for Speedy Scaffolding galv.	10003348	23,00kg
Cornice Frames 0,65 x 2m for DG	10000404	23,00kg
Cornice Frames 0,65 x 2m for DG galv.	10003349	24,00kg



For further information see Assembly and Usage instruction DG and SB Scaffolding

Couplers

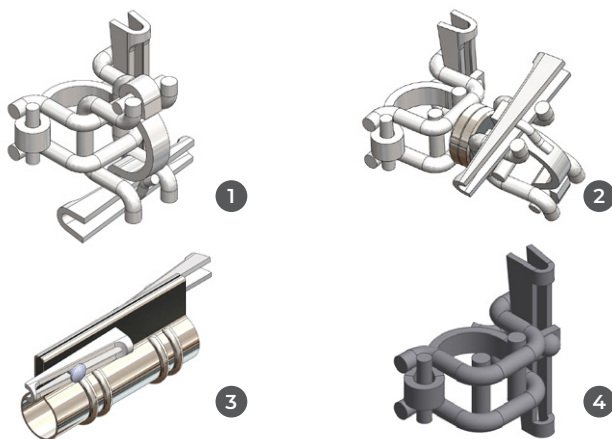
Certified according to EN 74 class A + B for tubes diameter 48mm



Couplers with bolts and nuts

- Clamping torque of screws min. 50Nm
- Wrench size 22mm

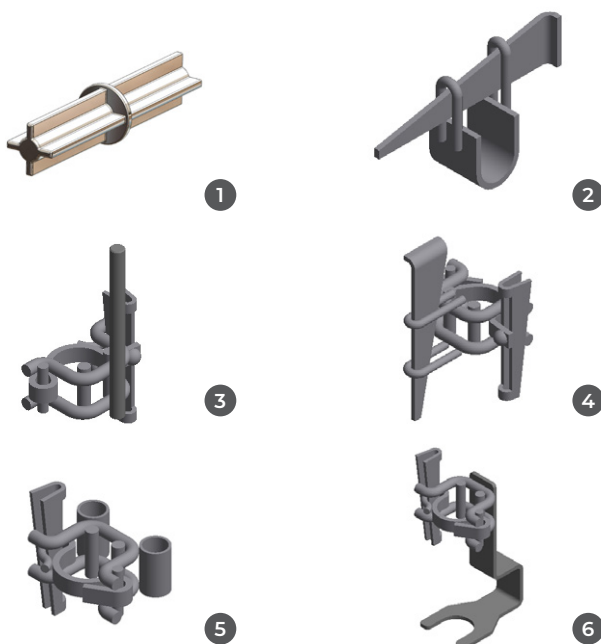
Description	Art. No.	Weight
1 Right angle coupler screwable	10000856	1,40kg
2 Swivel Coupler screwable	10001932	1,50kg
3 Longitudinal Coupler screwable	10001930	1,70kg
4 Screw Weld-on Coupler with Hammer Head Screw and Collar Nut	10003458	0,70kg



Wedge couplers

- Attention: should not be used with aluminium tubes!

Description	Art. No.	Weight
1 Right Angle Wedge Coupler	10001924	1,50kg
2 Swivel Wedge Coupler	10001931	1,60kg
3 Longitudinal Wedge Coupler	10000857	1,20kg
4 Wedge Weld-on Coupler raw for tube 48mm	10000863	0,80kg



Accessories

Description	Art. No.	Weight
1 Tube Connector ø 48mm	10001902	1,10kg
2 Tube Connector for Braces ø 27 - 32mm	10002993	0,58kg
3 Wedge Coupler with Bolt for DG Guardrail and Toe Board	10001326	1,02kg
4 Angle Connector for Braces	10001325	1,07kg
5 Wedge Coupler with 2 loops for Guardrail	10001918	1,00kg
6 Base Plate Safety Lock	10001268	1,50kg

Fixing bracket for inside guardrail



Usage:

Easy solution for protection of inner side of scaffolding.

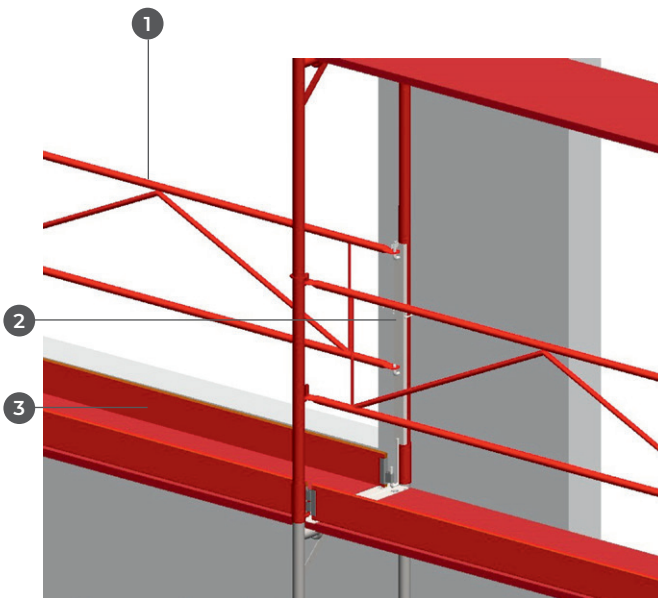
To be used:

- in case of big distance from the wall
- in case of free-standing scaffolding
- in case of large gaps in the wall

Advantages:

- Fixing only with one wedge
- Complies with requirement for side protection height (no more measuring and setting up)
- Hooks for braces and toe boards
- Including protection against uplift for DG-guardrail

- 1** DG-guardrail
- 2** Fixing bracket for inside guardrail
- 3** Toe board



For further information see Assembly and Usage instruction DG scaffolding

Description

Fixing bracket for inside guardrail DG scaffolding galv.

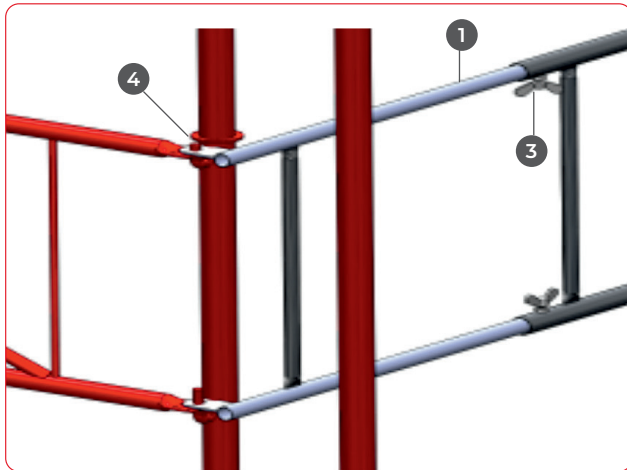
Art. No.

10000693

Weight

2,50kg

Guardrail for Inside Corner

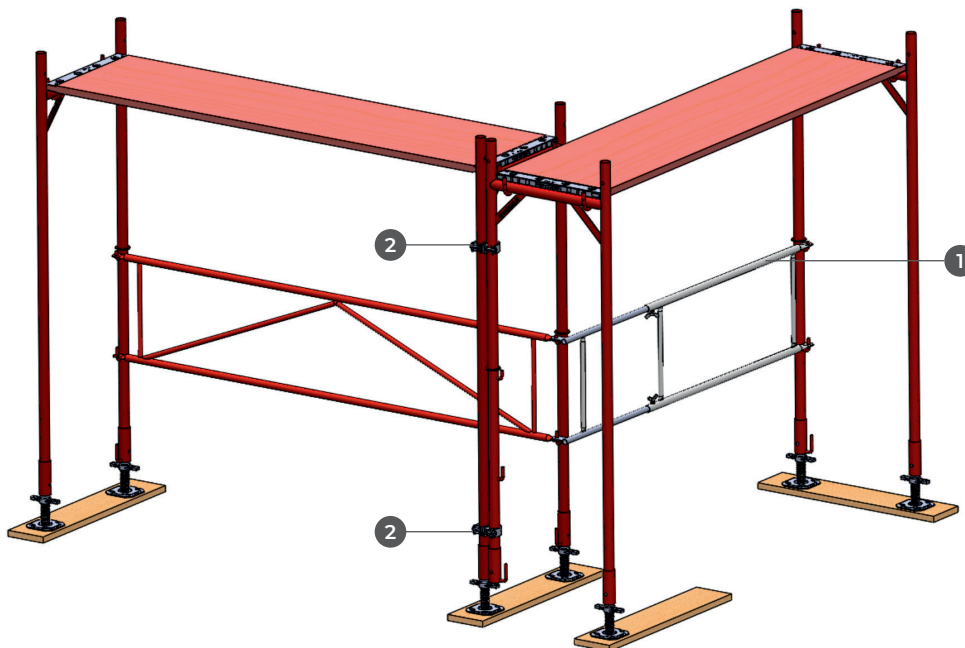


Adjustable guardrail for connecting frames at the inside corner

Standard guardrails cannot be used for inside corners where the corner connection is made with two frames. The "Guardrail for Inside Corner" can be fixed on the frame with bolts. Length adjustment of the guardrail is possible from 1,5 - 2,5m.

Assembly:

- Hang guardrail at one side
- Loose wing bolt and adjust the guardrail for required length
- Hang on the second side, lower and turn safety ring, tighten wing bolts



- 1 Guardrail adjustable f. inside corner
- 2 Couplers
- 3 Wing bolt
- 4 Safety ring

Description

Guardrail DG for inside corner 1,5-2,5m galv.

Art. No.

10000077 9,80kg

Hook for Bridging Beam



Hook is used to install bridging beam at facade scaffolding

Usage:

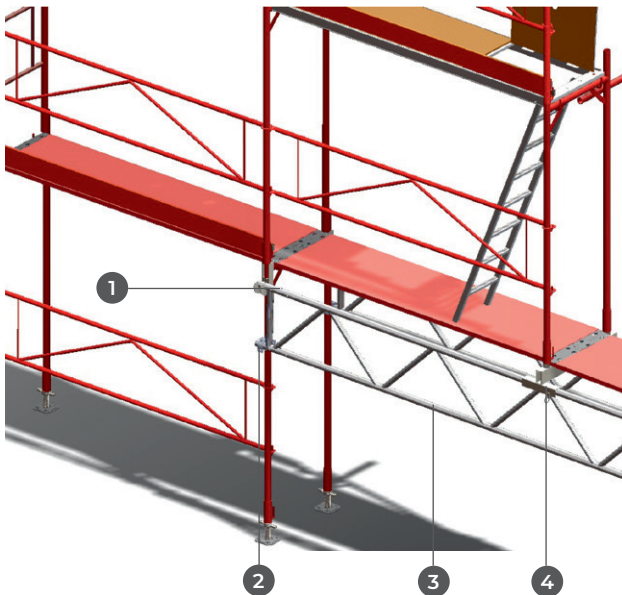
- For easy installation of bridging beam
- Suitable for tube diameter 48-50 mm

Advantages:

- No couplers required
- Exact positioning for further scaffolding assembly
- Only 1-2 people are required for installation

Installation:

- Fix the hook over frame tube
- Install bridging beam
- Fix lower tube from bridging beam with a coupler



- 1 Hook for bridging beam
- 2 Coupler
- 3 Bridging beam
- 4 Frame adaptor

Description

Hook for bridging beam galv.

Art. No.

10000046

Weight

1,50kg

Horses Foldable



Horses for the quick setting of a working scaffolding

- Adjustable and foldable, thus space-saving for transportation and storage
- Stability increases with the load, even at maximum extension.
- No slipping of platforms due to side lugs
- Robust structure from tubes $\varnothing$ 48 and 42mm
- Safety guardrail (required from a height of 2m)
- Double welded bracing
- Base plates for safe stand
- Adjustable in 10 cm grid
- No screws

Horse size 1

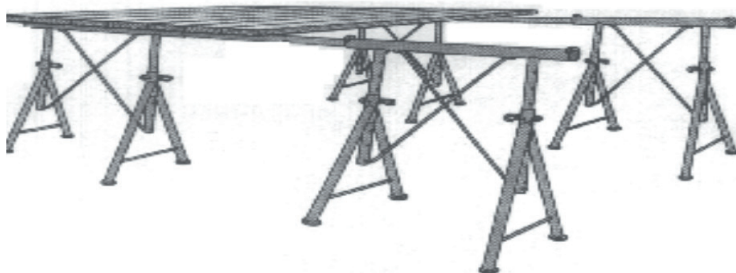
For indoor work it is possible to use only 4 horses and 2 slide-in tubes $\varnothing$ 48,3 mm to cover the surface of the room.

Max. load capacity

- 6,0 kN each horse

Max. distance

- 3m
- In fully extended position 2m



Size	Adjustment	Support width	Stiffening	Art. No.	Weight
1	0,60 - 0,97m	100cm	Cross	10001944	13,00kg
2	1,05 - 1,80m	120cm	Diagonal	10003448	15,00kg
3	1,25 - 2,25m	120cm	Diagonal	10003447	17,50kg

Description

Safety guardrail

Art. No.

10001996

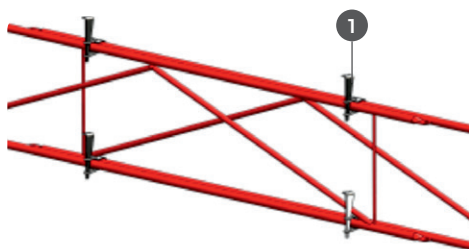
Weight

3,00kg

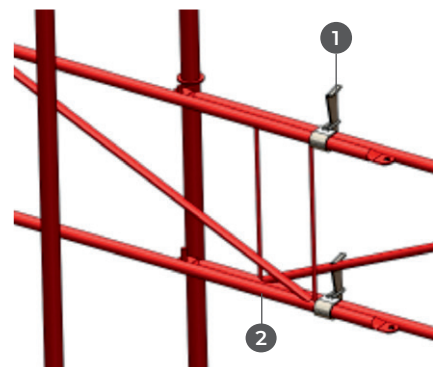
Longitudinal connector for braces



Extension of Double Railing braces



Double Railing Scaffolding:



Extension of Speedy Scaffolding braces



With remaining lengths, braces are not always available in the required length! The necessary side protection can be produced with braces longer than the field spacing with the longitudinal connector for braces.

Application:

- with Speedy and Double Railing Scaffolding
- with tubes diameter 27 - 32mm
- for extension of braces up to 50cm field distance and overlapping of braces of min. 1.0m and fastening with 2 pcs. Longitudinal connector for braces per brace tube

Assembly:

- hang brace on one side
- bypass on the inside of the frame
- fit longitudinal connector and secure with hammer blow

Speedy Scaffolding:



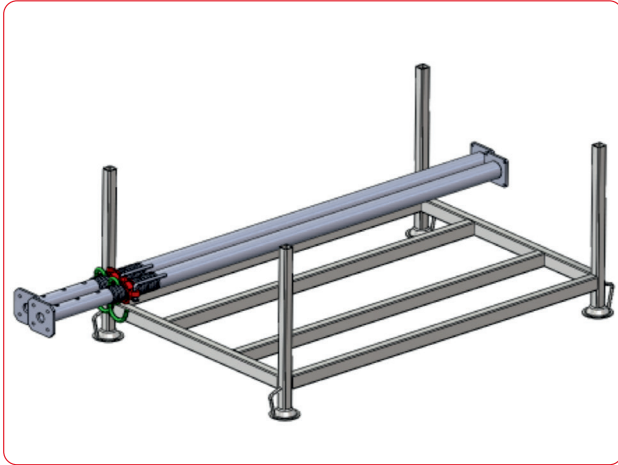
- 1 Longitudinal connector for brace
- 2 DG brace
- 3 Horizontal brace

Description	Art. Nr.	Weight
Longitudinal connector for brace 27-32 galvanized	10002993	0,6kg



For more details see assembly instructions DG+SB scaffolding

Pallet for EU Props



Pallet for a safe storage and transportation of EU Props

- Suitable for transportation with crane and fork lift
- Hot-dip galvanized for long durability

Can be filled with f. e.

- 60 pc. EU Props (20kN) up to 3,5m
- 50 pc. EU Props (20kN) up 4,0m
- 50 pc. EU Heavy Duty Props (30kN)

Allowed load capacity:

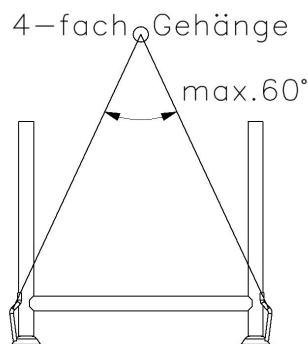
1.500kg

Outside dimension:

1.575 x 1.075 x 630

Max. angle of the lifting tackle (sketch):

$\alpha = 60^\circ$



Transportation by crane

Only one loading device may be moved with the crane at a time. Loose parts must be connected to the loading equipment in such a way that they cannot slip or tip

Attention

- Stability of the filled pallets
- in the hall max. 5 pallets on top of each other (at inclination of less than 1°)
- on the construction side (outdoors) max. 2 pallets on top of each other (at inclination up to 3°)
- Stacking is not permitted on ground with a slope of more than 3°.
- when stacking outdoors, pay attention to the wind load
- RINGER accepts no liability for modifications to the stacking pallets, repairs may only be carried out by RINGER

Description

Pallet for EU Props

Art. No.

10003810

Weight

43,00kg

Passage Frames

Cross beams and stand tubes for the production of a passage frame

Application:

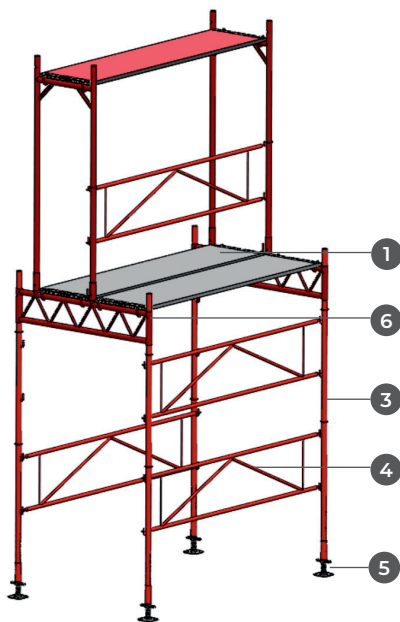
- As walk-through frames and similar
- Width 1,5, 1,55 and 2,0m
- Pass-through height 2,2m (base plate additionally)
- Max. scaffolding height 24m
- Scaffolding frames can be fixed at vertical tube
- for Double railing and Speedy scaffolding
- Surface dip-coated or galvanized

Assembly:

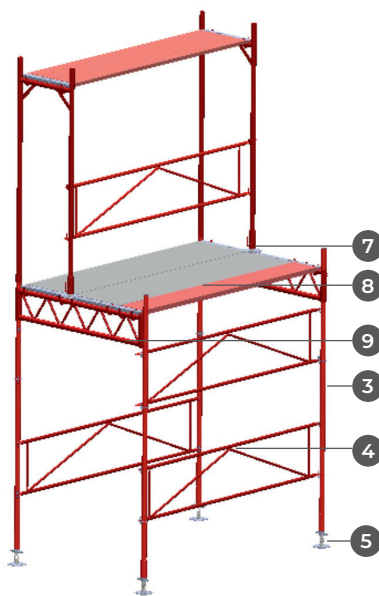
- Fit vertical tube in cross beam and fix with bolts and screws
- Install passage frames, hang and fix guardrails
- Hang in platforms
- Mount scaffolding frames
- Safeguard platforms without load against uplift

On the passage only platforms that are suitable for the catch position according to ÖNORM B4007 may be used!

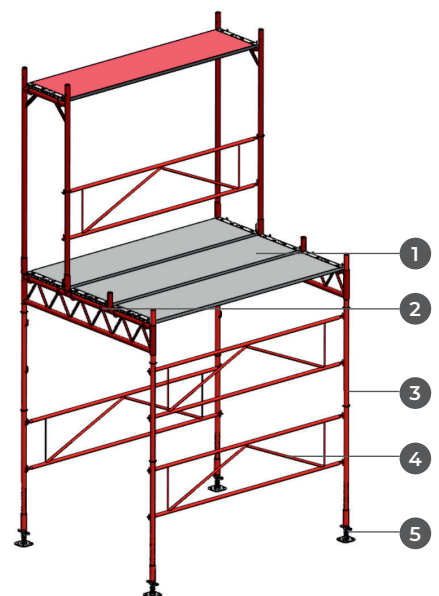
Passage 1,5m



Passage 1,55m



Passage 2,0m



- 1 Platforms 0,6m
- 2 Bridging beam T200
- 3 Vertical tube for passage frames
- 4 Guardrail DG
- 5 Base jack
- 6 Bridging beam T150
- 7 Base plate
- 8 Platforms 0,6 + Platform 0,3m
- 9 Bridging beam T155

Description

Description	Art. No.	Weight
Bridge for Walk Through Frame T150	10001780	17,0kg
Bridge for Walk Through Frame T150 galv.	10003622	18,0kg
Bridge for Walk Through Frame T155 (no tenon)	10000565	16,5 kg
Bridge for Walk Through Frame T155 galv.	10000330	17,5 kg
Bridge for Walk Through Frame T200	10001773	23,0kg
Bridge for Walk Through Frame T200 galv.	10001774	24,5kg
Post for Walk Through Frame for DG	10001777	10,0kg
Post for Walk Through Frame for DG galv.	10003627	10,5kg
Post for Walk Through Frame f. SB	10003623	10,0kg
Post for Walk Through Frame for SB galv.	10003625	10,5kg



For further information see Assembly and Usage Instruction DG and SB Scaffolding

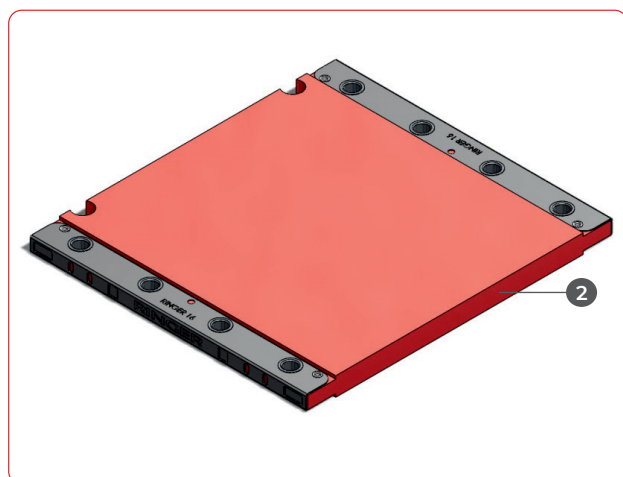
Platform 0,65



Platform 0,65 for brackets and small scrap scaffolds

Application:

- with 2 pcs. brackets 0,60 or 0,65
- for transitions, scrap scaffolds, scaffold extensions, residual areas, etc.
- Installation with brackets crosswise, with frames lengthwise to the scaffold bay



	Description	Art. No.	Weight
1	End Guardrail 0,65 with Coupling	10003774	3,00kg
2	Platform 0,60 x 0,65m	10000216	7,00kg
3	Bracket 0,60 with Coupling and angle	10002262	6,70kg



For more details, see the DG and SB scaffolding assembly instructions.

Platform 1,85m

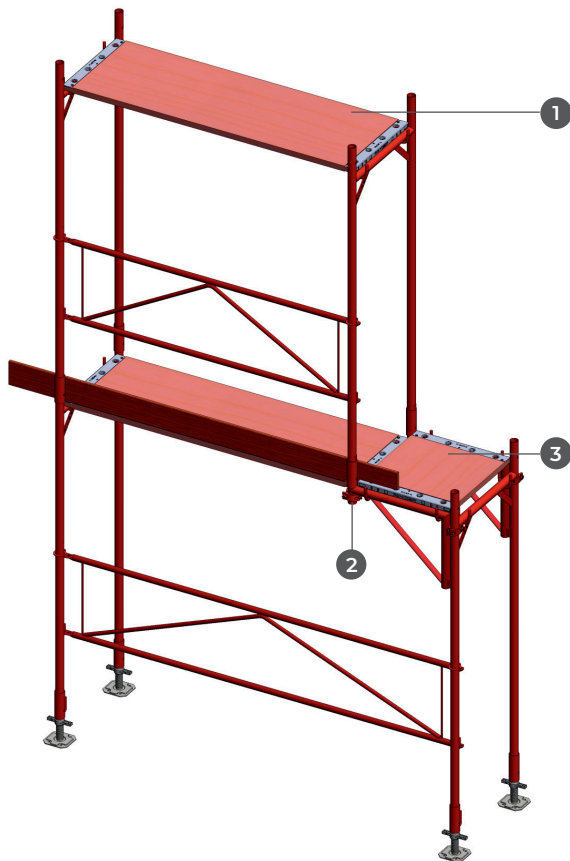
For widening or reducing the size of the scaffold bay.

Material needed for application:

- 2 pcs. Brackets 0.6m
- 2 pcs. Clamps 0.6m
- Foot connector (only with reduction)

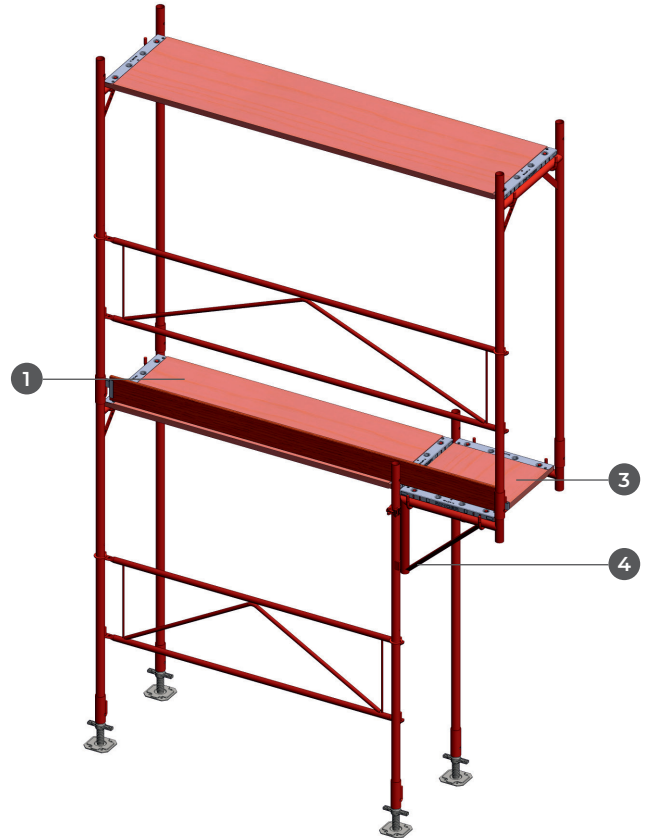
Reduction in size:

2.50m field to 1.85m field



Widening:

1.85m field to 2.50m field



Description

	Description	Art. No.	Weight
1	Platform 0,6 x 1,85m	10004507	20,00kg
2	Foot connector lacquered	10003354	3,70kg
	Foot connector galvanised	10001781	3,80kg
3	Platform 0,6 x 0,65m	10000216	7,00kg
4	Bracket 0.6m lacquered	10003472	5,80kg
	Bracket 0.6m galvanised	10003469	6,20kg



For more details, see the DG and SB scaffolding assembly instructions.

Platform „S“



Platform for Double railing and Speedy Scaffolding

- comply with the BauV and the current ÖNORM B4007 (2015)
- calculated and tested according to ÖNORM EN12810-2 and ÖNORM 12811-1
- max. load: Scaffolding group 3 (200 kg/m²) and max. height: 2,0 m
- due to reinforced structure against breakthrough, is also suitable after the transitional period July 2017 and applicable as working and protective scaffolding
- made of strength-sorted solid wood min. Class S10 according to ÖNORM DIN 4074-1
- Coating made of multiple glued lamellas according to DIN 1052
- galvanized edge protection with ventilation for protection against decay
- Lipolux impregnated surface (colour grey) against weathering and decay



For further information see Assembly and Usage Instruction DG and SB Scaffolding

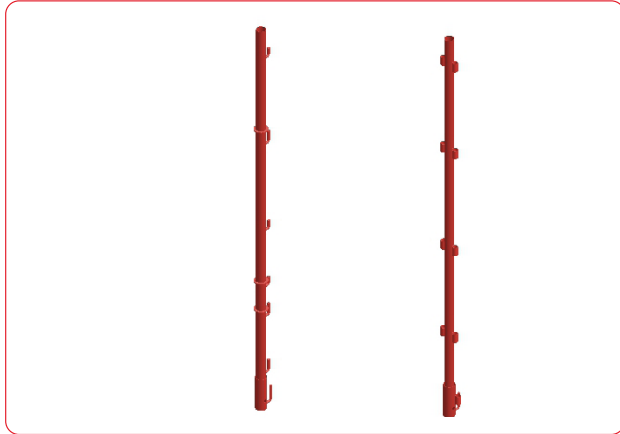
Description

Platform „S“ 0,6 x 2,5m

Art. No. Weight

10000211 26,0kg

Protection Posts



For the simple erection of a safety scaffolding (safety scaffolding and roof safety scaffolding) in accordance with ÖNORM EN 13374 Class "C" B4007 and

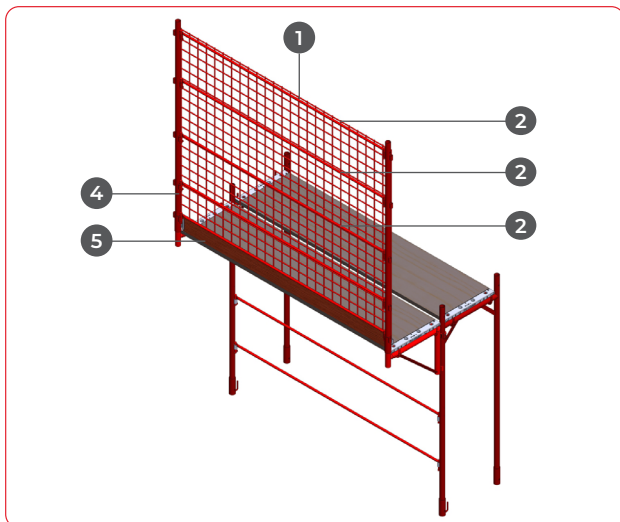
Max fall heights:

- Catch scaffolding: 2,0m
- Roof safety scaffolding: 1,5m for a roof pitch up to max. 60

Design:

- Height 2m
- for Speedy and Double Railing scaffolding
- for protection grid or safety net

Speedy Scaffolding

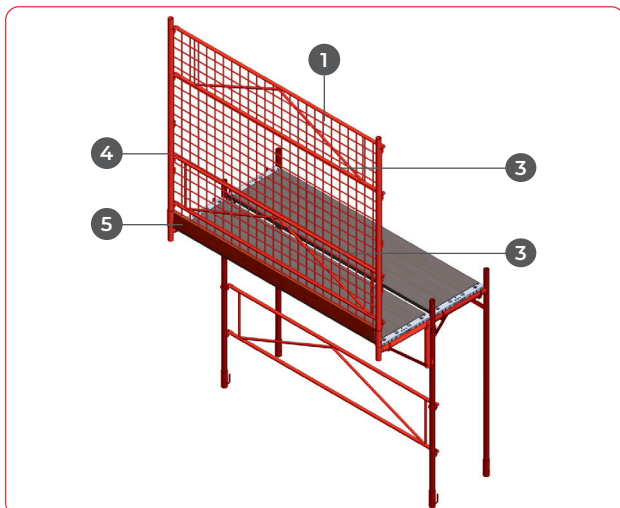


Mounting:

- Hook the protection grid into the braces
- Fasten safety net to upper and lower brace
- Mounting options for:
Speedy Scaffolding: 5 horizontal braces
Double Railing : 2 DG braces
- Surface dip-coated or hot-dip galvanised

- 1 Protection grid or Safety net
- 2 Horizontal brace
- 3 Double railing brace
- 4 Protection Post
- 5 Toe board

Double Railing Scaffolding



Description

Art. Nr.

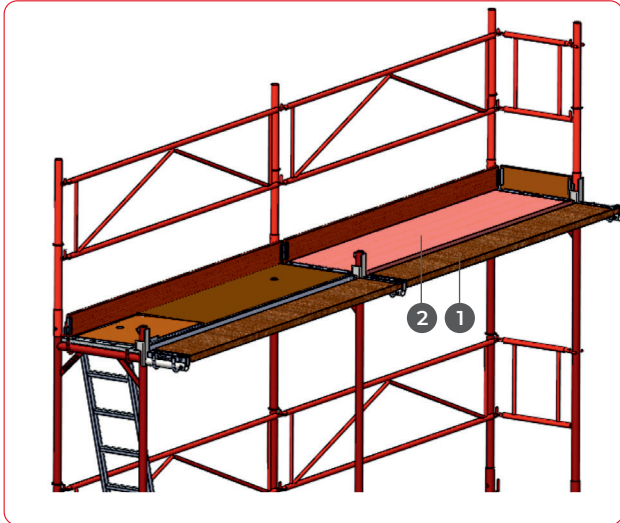
Weight

Protection Post SB without cross tube	10002254	7,00kg
Protection Post SB without cross tube galv.	10000064	7,80kg
Protection Post DG without cross tub	10000050	6,50kg
Protection Post DG without cross tube galv.	10000065	7,70kg



For further details see User Manuals for Double Railing and Speedy Scaffolding

Quick Bracket 0,30



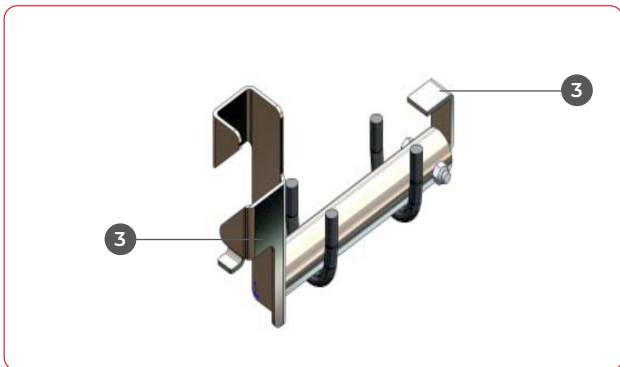
Bracket to hang on the scaffolding to reduce the distance from the scaffolding to the façade

Application:

- as working, safety and roof scaffolding
- for Double Railing and Speedy scaffolding
- as scaffold widening to 0.9m width

Advantages:

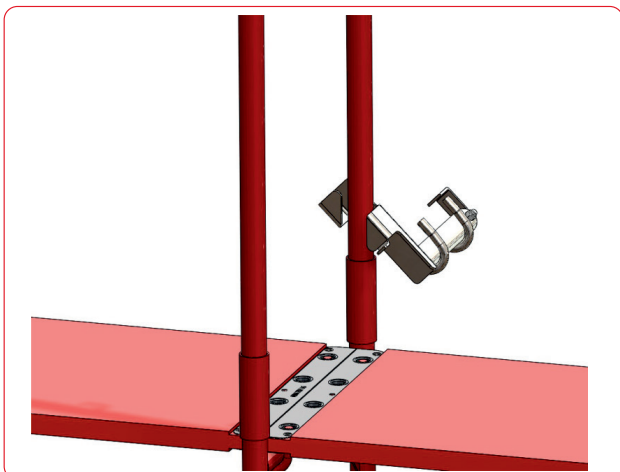
- no need for fastening with coupler
- quick and easy assembly
- incl. protection of the platform 0.3 and 0.6 m in the scaffolding frame



Assembly:

- Place the bracket in a 45° position over the frame tube
- Turn into the vertical position and lower onto the platform
- Hang in wooden platform 0,3m
- Secure with platform protection

- 1** Quick Bracket
- 2** Wooden platform
- 3** Platform protection

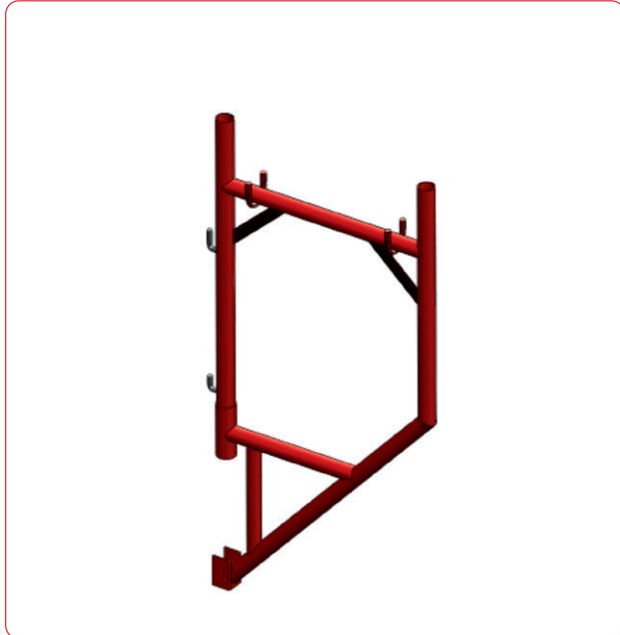


	Description	Art. Nr.	Weight
1	Quick Bracket 0,3m incl. platform protection	10002720	3,0kg



For more details see assembly instructions DG + SB scaffolding

Roofer Frames

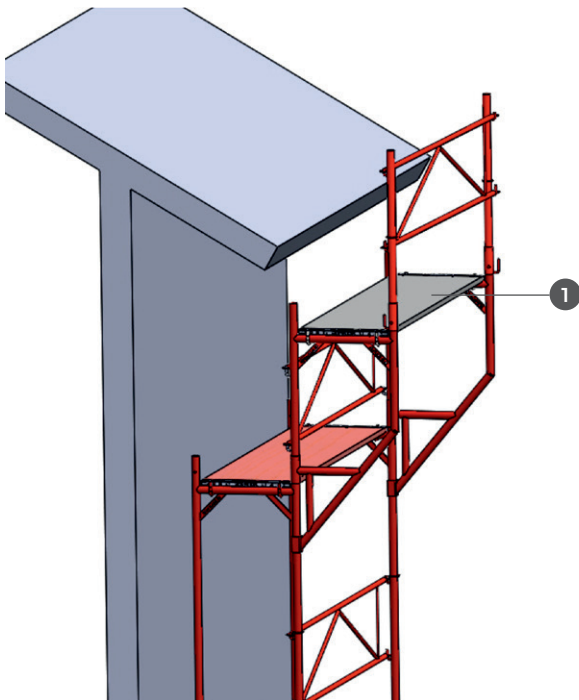


Special frames for simultaneous work on the facade and the roof

Usage:

- as working, protection and catching scaffolding
- allowed load on the platform level max. 200 kg/m²
- max. falling height 1,5m
- galvanized version is possible

1 Catch position



Description

Roofer Frame for Double Railing 1,0 x 0,6m

Art. No.

10000432

Weight

14,00kg



For further information see Assembly guide DG and SB scaffolding

Scaffolding for reinforcement

Scaffolding for mounting reinforcement

- complies with requirements of safety regulations in construction work and Austrian norm ÖNORM B4007
- can be moved by crane in one block due to rigid connection
- stable without anchoring and ballast
- Sizes: Length: 7,5m
- Standing height: 2,0 and 4,0 m
- Dip-coated or hot-dip galvanized



Description

Art. No.

Quantity per size

7,5mx2,0m 7,5x4,0m

Description	Art. No.	Quantity per size	
		7,5mx2,0m	7,5x4,0m
Base Jack 25/40cm	10001928	8	8
Frame 0,65 x 2m for double railing	10001914	4	8
Double railing 2,50m	10001913	6	9
End Guardrail for double railing 0,65m	10003480	2	4
Guardrail Post for double rail	10002879	6	6
Platform 0,6 x 2,5m	10003009	2	4
Alu Platform 2,5m w. ladder and flap	10001907	1	2
Toe board 2,5 x 2,4cm	10004826	3	6
Toe board 0,65 x 2,4cm	10004828	2	4
Supporting tube 3-6m	10003993	2	2
Swivel coupler	10001932	4	4
Coupler galvanized	10000856	2	2
Tube 48,3mm x 2m length	10001916	2	2
Safety bolt ø12mm galvanized	10001937	6	14
M-Base Jack security galvanized	10001268	8	8



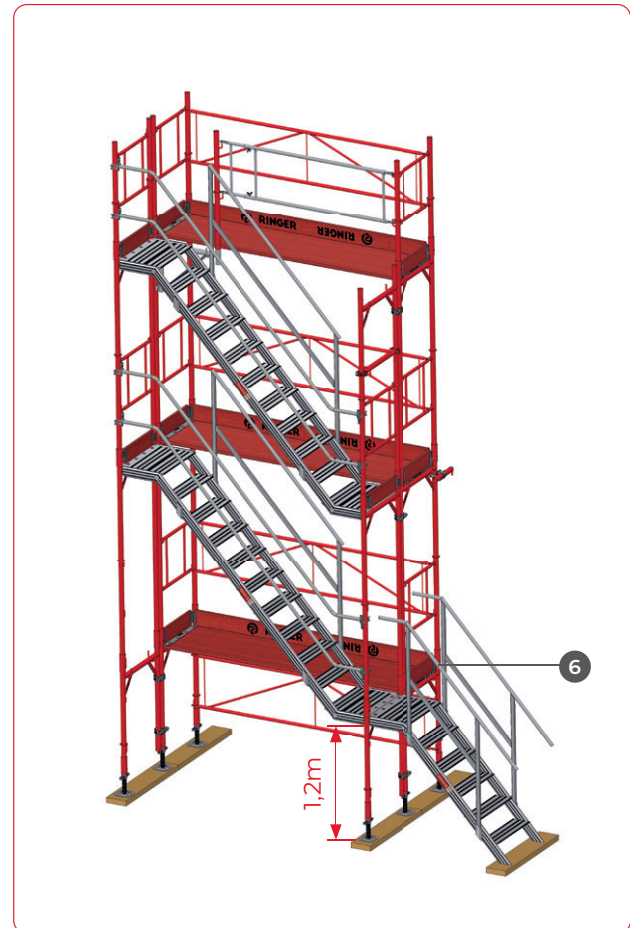
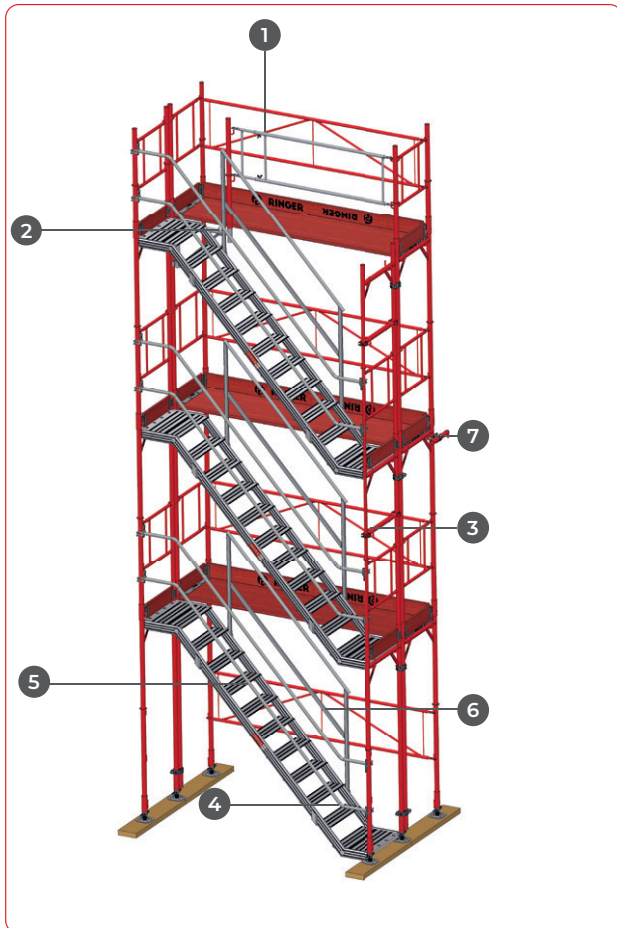
For further information
see Assembly and Usage
Instruction DG and SB
Scaffolding

Scaffolding Ladder

For a safe ascent and descent

Stair width: 60cm

Base area: 2,50 x 1,40m



- 2 handrails incl. inside guardrail per ladder are required
- Additional middle level board on the side should be fixed starting from the 1st floor (2m height) at 1,30m height (board bearer or tube with 2 couplers)
- The frames of all levels are to be connected with couplers
- Anchoring every 4m on both sides
- For height jumps outside 2m height grid, a 1,4m high staircase can be used to compensate at the beginning of the staircase

- 1 Adjustable guardrail
- 2 Bracket 0,6m
- 3 Board bearer
- 4 Handrail 2,5m galvanized
- 5 Inside guardrail 0,6m
- 6 Inside guardrail 1,4m
- 7 Wall Anchor

Description	Art. No.	Weight
Alu-Ladder Width 0,6m	10006630	27,00kg
Alu-Ladder 0,6 x 1,2m	10005024	15,20kg
Inside Guardrail for Ladder 0,6m galvanized	10004054	13,20kg
Inside Guardrail for Ladder 0,6 x 1,4m galvanized	10000382	11,50kg
Handrail 2,5m galv.	10001938	7,00kg

Stairs suitable for any scaffolding with 2m Floor height; Frame distance 2,5m

Scaffolding Platforms

for Double Railing and Speedy Scaffolding

- According to BauV and ÖNORM B4007
- Calculated and certified according to ÖNORM EN 12810-2 and EN 12811-1

Platforms

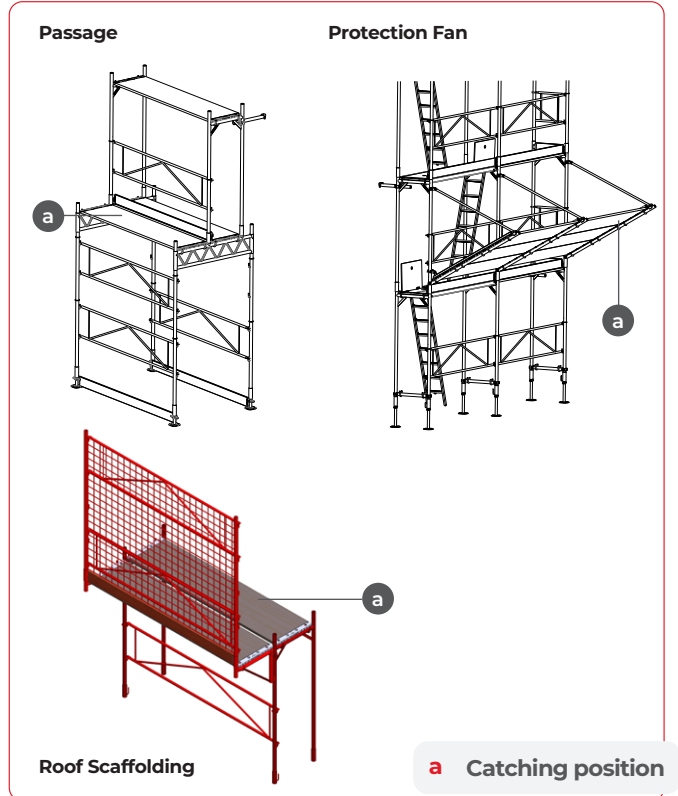
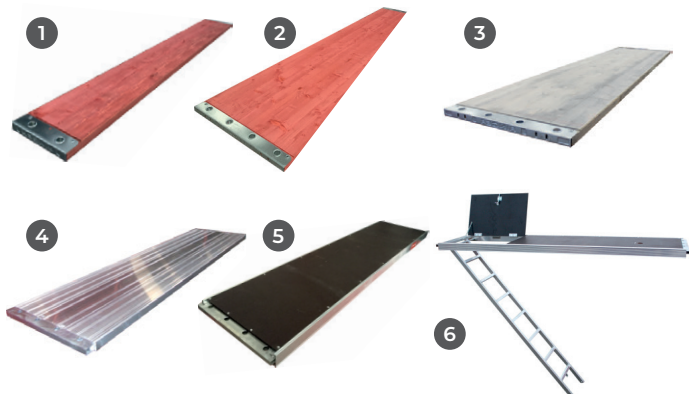
- Made of strength-graded solid wood min. Class S10
- Ventilated edge protection against decay
- Lipolux impregnated surface against weathering and decay

All-over Aluminium Platform

- Made of high-quality aluminium with slip resistant surface

Aluminium Platform

- Frame made from hollow aluminium profile
- Plywood board of 9mm birch wood with slip resistant surface

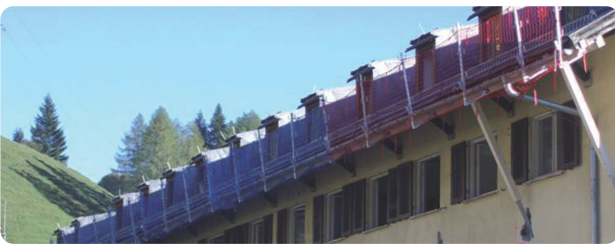


- | | |
|---------------------|--------------------------|
| 1 Platform 30cm | 4 Alu-Platform 60cm |
| 2 Platform 60cm | 5 Alu-Platform 60cm |
| 3 Platform „S“ 60cm | 6 Alu-Platform with Flap |

Description	Art. No.	Weight [kg]	Length [cm]	Width [cm]	Strength (Height) [cm]	Scaffolding group (max. load capacity)	Approved as catching position
Alu Platform 2,5m with Flap and integrated Ladder	10001907	24,0	250	60	7,8	3 (200 kg/m ²)	✓
Alu Platform 2,5m without Flap	10001908	22,5	250	60	7,8	3 (200 kg/m ²)	✓
Alu Platform 2,5m	10002966	17,8	250	60	3,6	4 (300 kg/m ²)	✓
Alu Platform 3,0m	10004802	22,25	300	60	3,6	3 (200 kg/m ²)	✓
Platform 3,0m	10004290	36,0	300	60	4,0	3 (200 kg/m ²)	- *
Platform 2,5m	10003009	26,0	250	60	3,5	3 (200 kg/m ²)	- *
Platform 2,0m	10001602	22,5	200	60	3,5	3 (200 kg/m ²)	✓
Platform 1,5m	10001603	16,5	150	60	3,5	3 (200 kg/m ²)	✓
Platform 1,25m	10001604	13,0	125	60	3,5	3 (200 kg/m ²)	✓
Platform 1,0m	10004022	10,5	100	60	3,5	3 (200 kg/m ²)	✓
Platform 0,72m	10001605	8,0	72	60	3,5	3 (200 kg/m ²)	✓
Platform 0,65m	10000216	7,0	65	60	3,5	3 (200 kg/m ²)	✓
Platform 3,0m	10001618	18,0	300	30	4,8	3 (200 kg/m ²)	-
Platform 2,5m	10003644	14,4	250	30	4,5	4 (300 kg/m ²)	✓
Platform 2,0m	10000921	11,5	200	30	4,5	4 (300 kg/m ²)	✓
Platform 1,5m	10000922	8,5	150	30	4,5	4 (300 kg/m ²)	✓
Platform 1,25m	10003719	7,5	125	30	4,5	4 (300 kg/m ²)	✓
Platform „S“ grey 2,5m	10000211	26,0	250	60	3,5	3 (200 kg/m ²)	✓

*As of July 2017, this platform may no longer be used as a catching position. Replacement for fans and catching position is provided by the platform „S“:

Side protection net



Instructions for use of side protection nets

RINGER side protection net complies with EU standard EN 1263-1 and must be used in accordance with the requirements of EN 1263-2.

Instructions for use

The following instructions for the installation of side protection nets "Type U" are based on the corresponding European Standard.

Application and function of the nets

This type of net is called side protection net "type U", it is a safety net in supporting structures for vertical use. These nets are used both for fall protection of persons and for protection against falling objects such as construction waste, tools, etc.. Type "U" side protection nets are used, for example, on scaffolding and as side protection when working on suitable roof surfaces, flat roofs, bridges, etc.

Requirements for frame structures/side protection system

- Frame/support structures to which the nets are attached must be strong enough to withstand the fall of a person or object.
- The installation of the side protection system must meet the requirements of EN-1263-2
- The suitability of the frame/support structure used must be proven by appropriate documentation. The responsibility for this remains with the user
- The side protection system, meaning the complete structure, side protection net and frame structures, must comply with EN 13374.

Installation and fastening of the nets to the supporting structure

- The side protection net should be installed vertically to the edge of the structure.
- It must be attached to the supporting structure in a tight, but not pre-tensioned, way.
- The "Type U" side protection net may only be attached to structures with sufficient load-bearing capacity, such as scaffolding, scaffold tubes, toe boards, etc.
- The nets must be attached to the structures at least every 75 cm using the quick-release fasteners.
- If the net length is not sufficient, the joint nets must overlap by at least 75 cm. Alternatively, suitable couplers can be used.

Description	Art. Nr.	Weight
Side protection net 2 x 10m	10003846	5,6kg
Side protection net check	10000092	

Seitenschutznetz

Identifikation der Netze

Um der EN-1263-1 zu entsprechen muss jedes Netz eine eigene Seriennummer besitzen um deren Identifikation zu erleichtern. Ebenso muss ein Etikett mit den folgenden Angaben angebracht sein: Herstellername, Bezeichnung, Identifikationsnummer, Herstelldatum, zulässige Nutzungsdauer, Mindestbruchkraft sowie die Norm welcher das Netz entspricht

Hinweis

Ein Prüfnachweis ist ab dem Erwerbsdatum zu führen, um nachzuweisen, wann das Netz erworben, zuletzt geprüft und eventuell repariert wurde (sowie durch wen)

Abbau

Vor dem Abbau ist jedes beschädigte Netz zu kennzeichnen. Schutznetze dürfen ausschließlich durch kompetente Personen und mit der Bestätigung des Anwenders, das diese Netze nicht länger benötigt werden, abmontiert werden. Dabei muss darauf geachtet werden, dass vorhandener Schutt und Schmutz vorsichtig von den Netzen entfernt wird

Sturz

Musste ein Netz einen Sturz (einer Person oder eines Gegenstandes) abfangen, darf es erst wieder verwendet werden, nachdem es durch eine dazu befähigte und autorisierte Person geprüft wurde

Lagerung, Pflege und Inspektion

Schutznetze sind an trockenen Plätzen, fern von direkter Sonneneinstrahlung und nicht in der Nähe von ätzenden Stoffen (Säuren, Lösungsmittel, Ölen etc.) zu lagern. Es liegt in der Verantwortung des Anwenders eine gründliche Inspektion jedes Schutznetzes und jeder Tragkonstruktion durchzuführen. Jeder Schaden muss erfasst und entsprechende Maßnahmen getroffen werden, bevor es wieder verwendet werden darf.

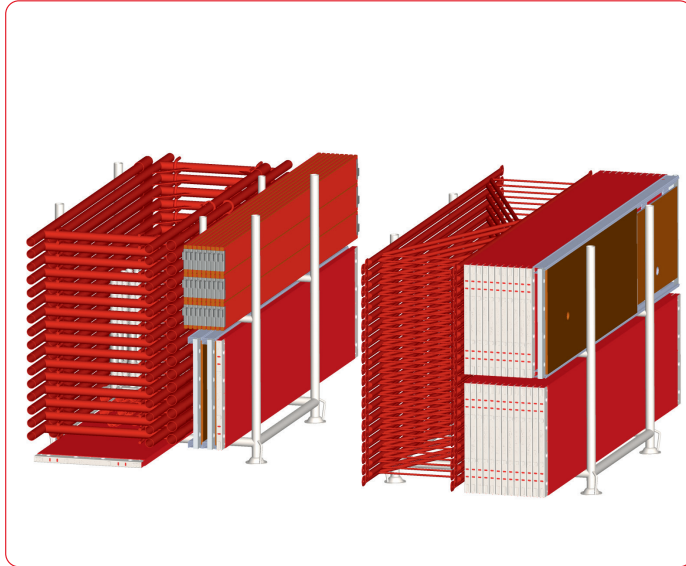
Jährliche Inspektion

Schutznetze müssen alle 12 Monate geprüft werden, um sicherzustellen, dass sie keinen Schaden durch Aussetzung von UV Strahlung und eventueller Fehlhandhabung erlitten haben. Hierfür ist dem Netz jedes Jahr eine Prüfmache bzw. Prüffaden zu entnehmen und an eine Prüfstelle zu senden. Jede Prüfmache trägt die Seriennummer des Netzes und ist somit leichter zu identifizieren. Hat die Prüfmache den Test bestanden, wird eine Bestätigung darüber ausgestellt, dass das Netz weitere 12 Monate eingesetzt werden kann. Das Prüfetikett sollte neben dem Netzetikett befestigt werden. 3 Prüffäden sind am Netz vorhanden, daher ist die Verwendbarkeit bei laufendem Gebrauch mit 4 Jahre begrenzt! Sollten die Prüffäden den Test nicht bestehen, dürfen die Schutznetze ab sofort nicht mehr als Schutznetze eingesetzt werden!

Prüfprotokoll

Nummer:	Herstelldatum:	gekauft am:	Hersteller:
geprüft am:	i.Ordnung:	Prüfer:	Beanstandungen:

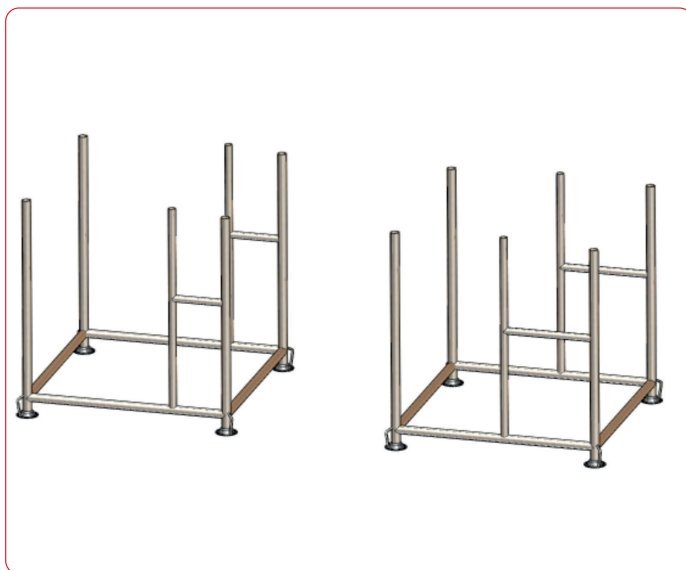
Stacking pallet for scaffolding



Stacking pallets for the storage of Scaffolding parts

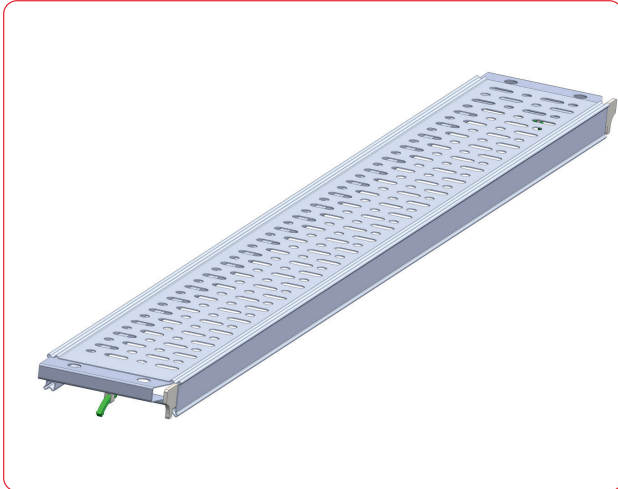
Advantage:

- in 2 pallets are all parts for approx. 200m² scaffolding consisting of:
- 1 stacking pallet for frames and accessories (max. 38 frames)
- 1 stacking pallet for braces and platforms
- Order in the warehouse, easy manipulation, no more boxes and pallets more required
- stackable
- can be moved with crane and forklift
- Dimensions: L x B x H = 1,2 x 1,2 x 1,38m



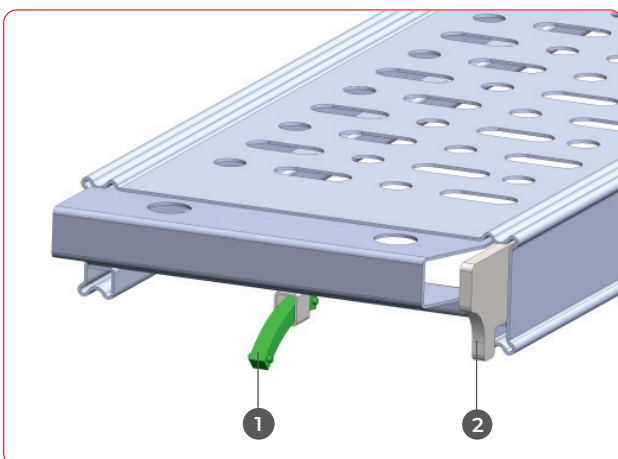
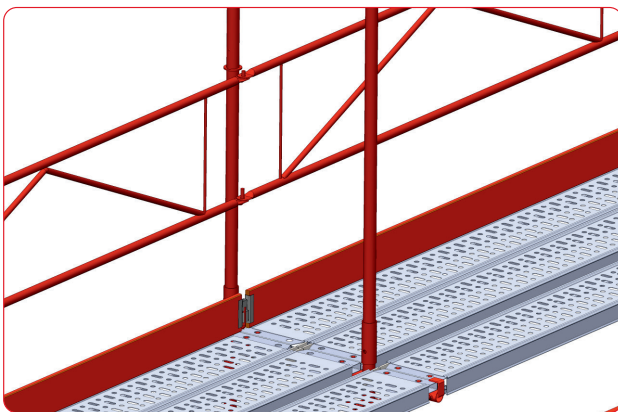
Description	Art. Nr.	Weight
Stacking pallet for frames and accessories galv.	10000409	43,0kg
Stacking pallet for braces and platforms galv.	10000410	44,0kg

Steel Platform for Scaffolding



Steel platform new for RINGER Double railing and speedy scyffolding

- Applicable as working and safety scaffolding
- Dimensions: Width= 30cm
Length= 2,5m
- max. Belastung: Length 2,5m= scaffolding group 4 (300kg/m²)
- Can be used with all RINGER scaffolding frames as well as additional parts such as brackets ect.
- With integrated anti-lift protection
- Surface hot-dip galvanised



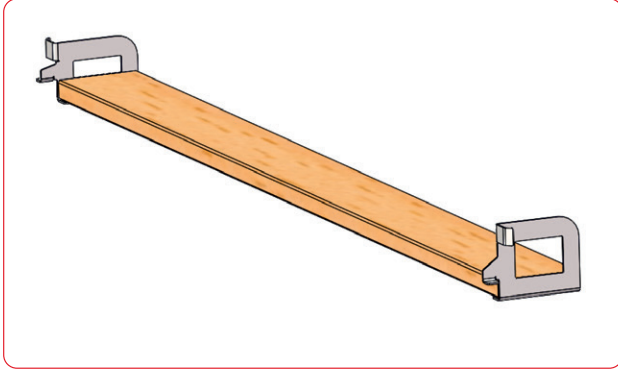
- 1 Anti-lift protection
- 2 Additional support and stabiliser

Description	Art. Nr.	Weight
Steel platform 0,3 x 2,5m galvanized other lengths on request	10004408	16,50kg



weitere Angaben siehe AuV DG + SB Gerüst

Suspension Platform for scaffolding



Suspension Platform for spreading the work area at the facade scaffolding

Usage:

- For the spreading of the stand area
- To reduce the distance between scaffolding and building in case of high insulation thicknesses or structured facades

Advantages:

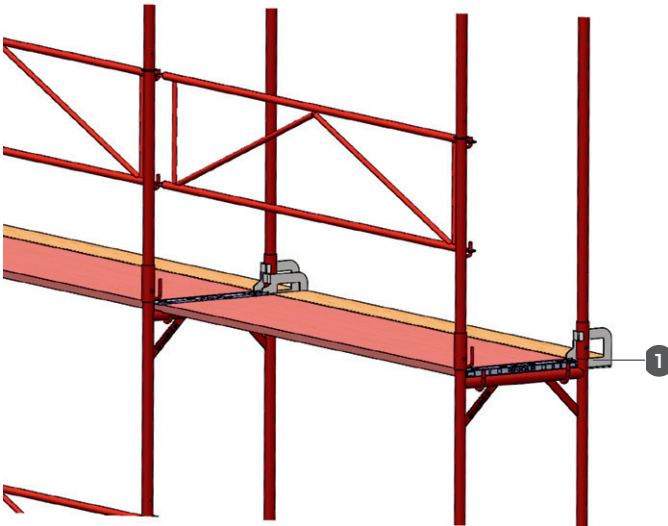
- No brackets or tools are required

Installation:

- It is simply installed from the scaffolding

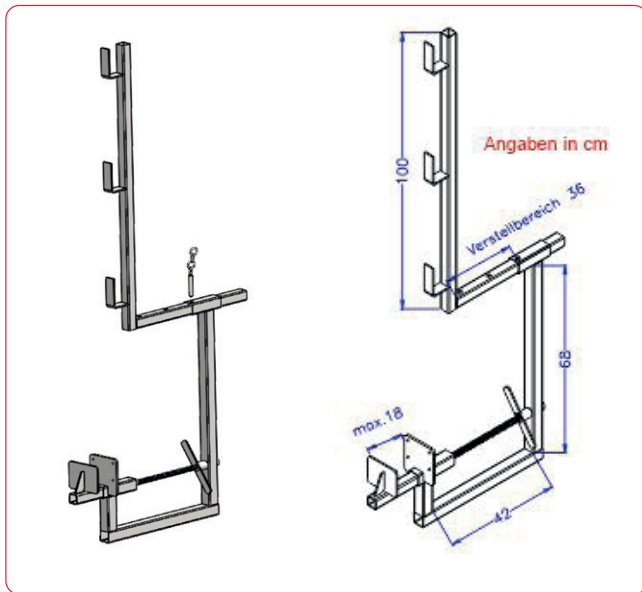
Technical data:

- Length 2,5m
- Width 0,2m
- Bearing capacity max. 200 kg/m²



	Description	Art. No.	Weight
1	Suspension Platform 0,2 x 2,5m	10002653	10,50kg

Verge Guardrail



For side protection of the verge during work on the roof

The RINGER verge guardrail is an efficient means of protecting the verge. In combination with RINGER roof brackets the entire roof area is optimally secured. The verge guardrail complies with EN 13374 class "A" for loads in the direction of the railing sideways to the outside. In this direction, the roof pitch in terms of EN 13374 is equal to 0°.

Advantages:

- Assembly and dismantling possible from the roof surface
- 3 board retaining brackets for different heights
- Flat outer rail clip for free mounting of wind board
- Can also be used on the roofs with insulation
- Can also be used with recessed rafters

Application:

- Fastening to the rafter (size w x h min. 8 x 12cm)
- Adjustment range the fastening from 8-18 cm
- Max. height of roof structure from lower edge of rafter 48cm
- Max. overhang of roof structure above outer edge of rafter 40cm

Assembly:

- Place clamp part at rafter and tighten hand-tight with wing nut (do not use tools!)
- Visual inspection: The locking pins in the clamping plate must be pressed completely into the wood
- In the event of cracks or other damage to the rafter in the area of the clamping point, the verge railing must be installed at a different, suitable place. If this is not possible, additional nails can be placed in the holes of the clamping plate for verge railings from production year 2023. The upper edge of the breast rail must be at least 1.0 m above the roof!
- Hang toe boards or grids and secure with nails.
- Attention:
Top edge of the breast rail min. 1.0m above the roof cladding!

Dismantling:

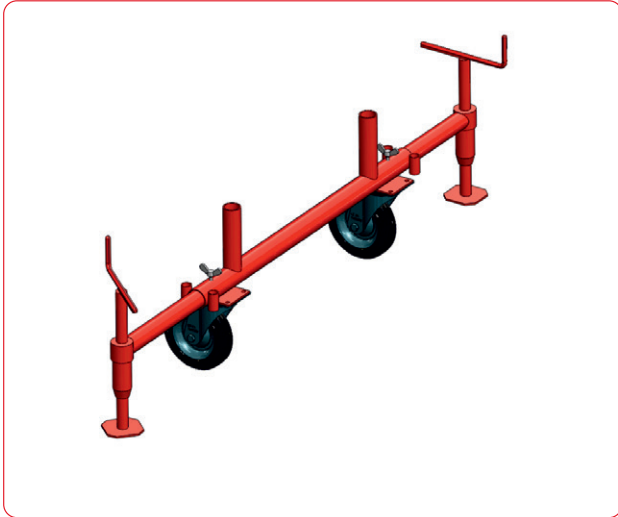
- Remove guardrail
- Lose clamping fixture with spindle, holding the bracket firmly

max. distance between verge guardrails to each other

- with side protection Grid
max. distance between verge guardrail 2,5m
- with toe boards min. 15 x 2,4cm
2,2m distance for one bay
1,1m distance in case of several bays

Description	Art. No.	Weight
Verge guardrail galv.	10004436	13,00kg

Wheeled Chassis



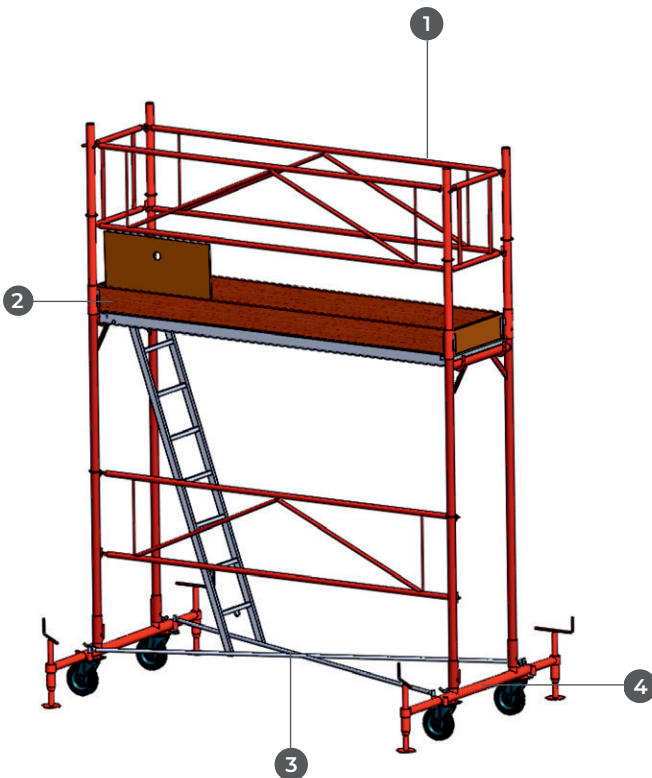
Wheeled Chassis for assembly of a mobile facade scaffolding

Technical data:

Max. working height: 5,2m
Max. load capacity: 200 kg per level
Max. total load capacity: 600 kg

Attention:

- The wheels should be braked during usage
- Installation only on a stable and level surface
- Scaffolding must be aligned vertically
- Ladders may not be used for climbing
- National norms and regulations should be considered
- Complies with Austria: BauV and Norm B4007



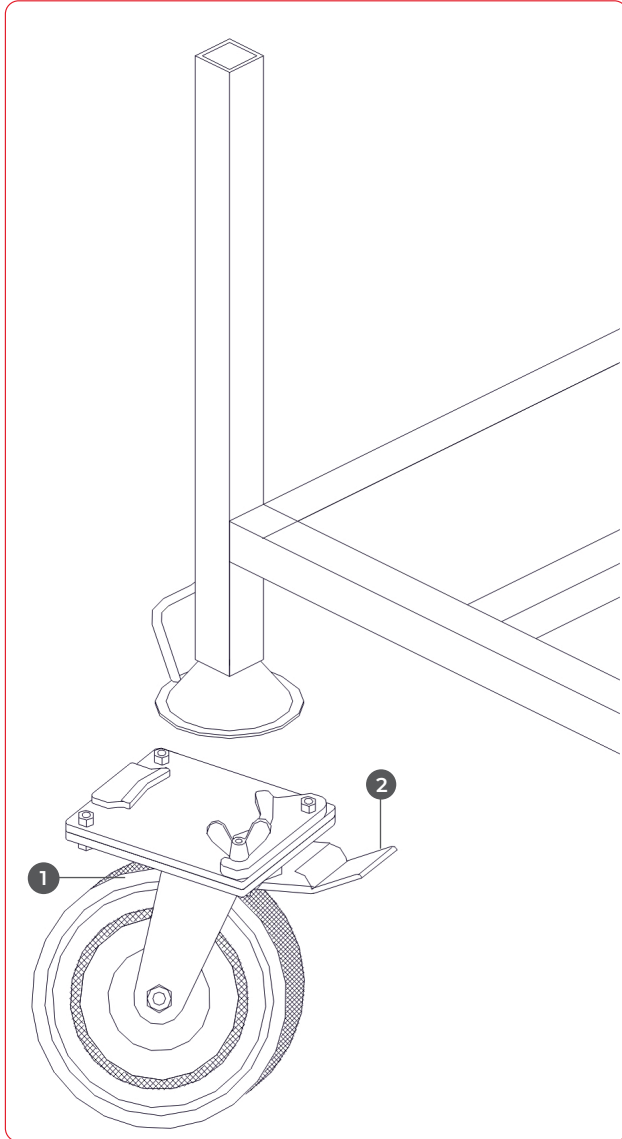
- 1 All-round side protection
- 2 Toe board
- 3 Diagonal Brace 2,5m
- 4 Wheeled Chassis

Description	Art. No.	Weight
Wheeled Chassis (complete) painted	10001903	24,00kg
Wheeled Chassis (complete) galvanized	10000859	24,60kg



For further information see Assembly and Usage instruction DG + SB Scaffolding

Wheel for pallet



Wheel to clamp onto pallet with base plate for easy transport of the units.

Suitable for transport pallets:

- Scaffolding
- Props
- Props EU
- Accessories box
- Ratio for scaffolding

Assembly:

- Attach wheel
- Turn clamping plate on both sides
- Tighten wing nut

Technical data:

- Max. load: 205 kg per wheel
- Overall height 230mm
- Wheel braked
- Galvanised

- 1** Wheel for pallet
- 2** Clamping plate

Description	Art. Nr.	Weight
Wheel braked for pallet	10004065	4,5kg