



**ALFIX SYSTEM-  
INDEPENDENT  
ACCESSORIES**  
Catalogue



## ALFIX FAÇADE SCAFFOLDING

The ALFIX Façade scaffolding system is a frame scaffolding system consisting of prefabricated components.



## UNIFIX FAÇADE SCAFFOLDING

The UNIFIX Façade scaffolding system is a frame scaffolding system consisting of prefabricated components.



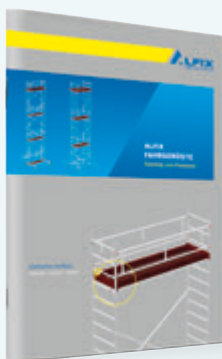
## ALFIX MODUL MULTI

The „ALFIX MODUL MULTI“ modular scaffolding system offers an impressive range of uses for façade and industrial construction work scaffolding and complex support structures.



## ALFIX MODUL METRIC

The „ALFIX MODUL METRIC“ modular scaffolding system offers an impressive range of uses for façade and industrial construction work scaffolding and complex support structures.



## ALFIX MOBILE SCAFFOLD TOWERS

The aluminium ALFIX MOBILE SCAFFOLD TOWERS - lightweight and robust for the industry and trades.



## ALFIX TEMPORARY ROOF VARIO

The ALFIX TEMPORARY ROOF VARIO helps you master all weather conditions: For renovation and reconstruction work, upward access, or structural, civil or road engineering applications, work can be carried out in all weather conditions.



## ALFIX STAIRWAY TOWERS

For use as a construction site stairway tower or as a stairway tower in public areas in accordance with the German Ordinance on Places of Assembly - the ALFIX Stairway Tower product range has a user-friendly, safe and cost-effective solution for every requirement.



## ALFIX SYSTEM-INDEPENDENT ACCESSORIES

Numerous scaffold offers to meet your needs.

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ALFIX System-Independent Accessories Catalogue.

Edition: September 2022

## EXTENSION COMPONENTS



APPLICATION EXAMPLE 03 PROTECTIVE BASE  
for 01 02 BASE JACKS

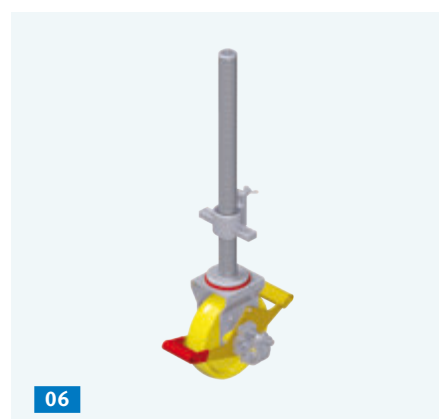
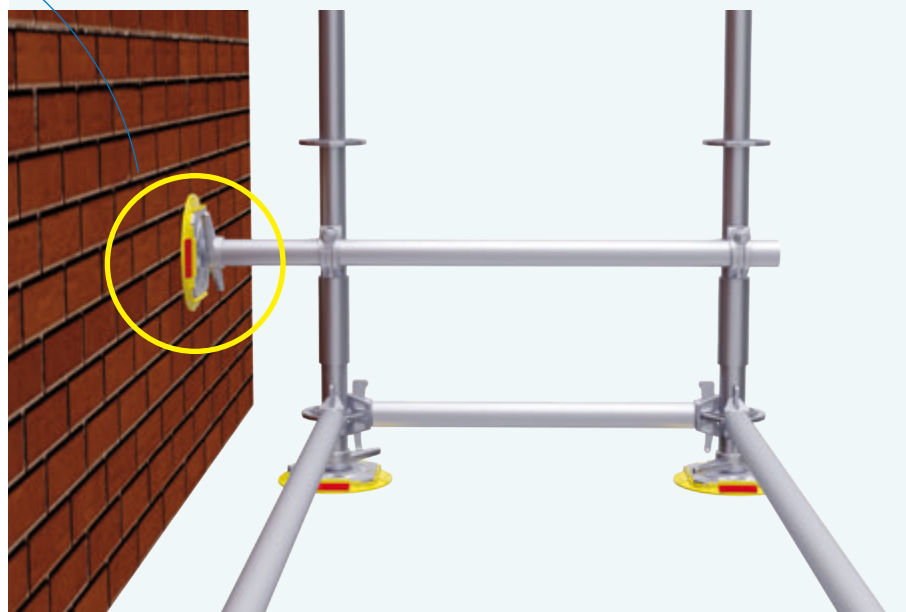
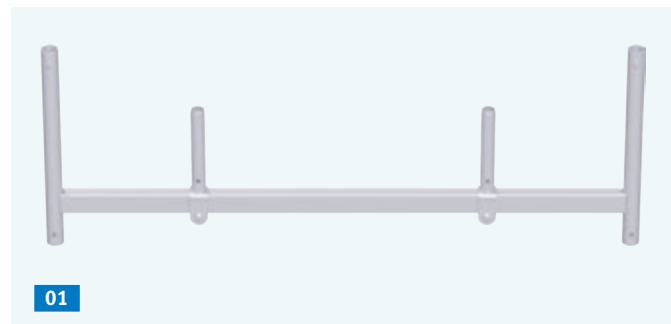




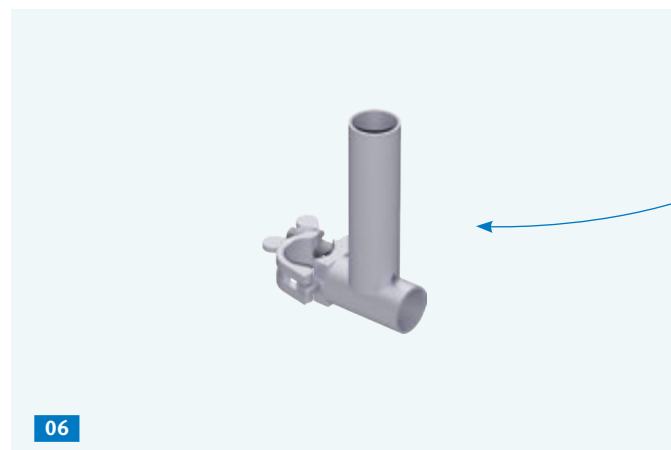
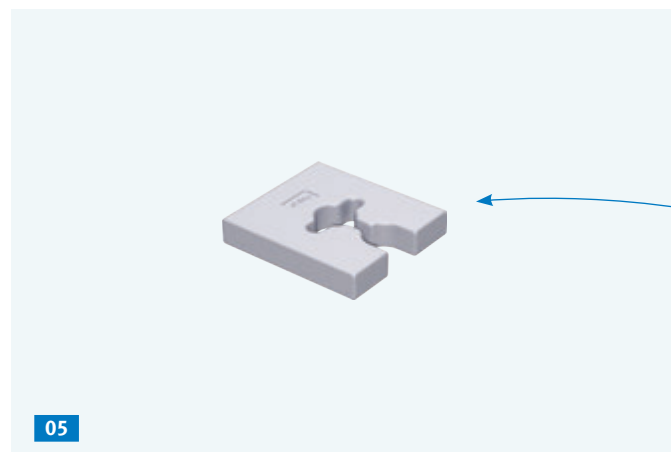
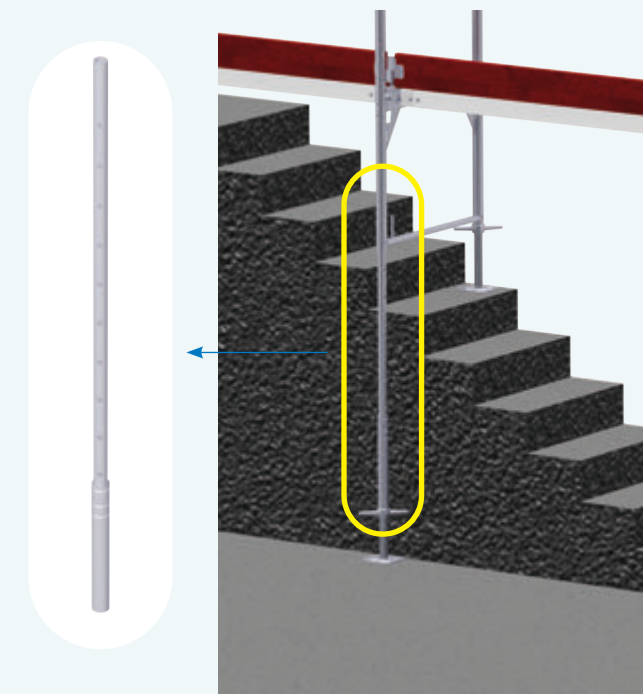
FIG.	DESCRIPTION	SPINDLE TRAVEL [m]	DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Base jack</b> + steel; hot-dip galvanised  — base plate 15 × 15 cm, threaded tube ø 38 mm — with low-resistance tube spindle and toggle nut — locking function to prevent unfastening	0.25	0.40	3.0	11 51 040
		0.45	0.60	3.6	11 51 060
		0.60	0.80	4.4	11 51 080
02	<b>Base jack, swivelling</b> steel; hot-dip galvanised  — base plate 15 × 15 cm, threaded tube ø 38 mm	0.45	0.60	4.5	11 52 060
03	<b>Protective base (circular)</b> + for base jacks; polypropylene; yellow  — guarantees safe and non-slip working — with 2 reflectors — no load-distributing effect			0.23	37 00 006
04	<b>Protective base (angular)</b> for base jacks; polypropylene; yellow  — inclination of 5° for adjustments to inclined undergrounds — stackable for the purpose of varying the angle of inclination — with 1 reflector — no load-distributing effect			0.32	37 00 007
05	<b>Head jack „U“</b> + steel; hot-dip galvanised  — with 4 boreholes on the sides 12 mm — opening width 174 mm, support length 150 mm, depth 2 mm	0.45	0.60	6.0	41 59 000
		0.75	1.00	8.0	41 59 100
06	<b>Castor, rail-guided</b> steel; galvanised, wheel type: plastic ø 200 mm  — with twin break — load centering — permissible load 10 kN — with thread for adjusting the height — wing nut with lock	0.35	0.50	7.7	47 99 001
07	<b>Castor 10 kN</b> steel; galvanised, wheel type: plastic ø 200 mm  for technical details: see article <b>06</b>	0.35	0.50	6.5	14 12 007
08	<b>Flange castor</b> steel; galvanised, wheel type: plastic ø 200 mm  — max. load capacity: 7 kN	0.45	0.70	6.7	14 12 005

## EXTENSION COMPONENTS



### APPLICATION EXAMPLE

#### 02 SPACER TUBE



### APPLICATION EXAMPLE

#### 05 UNIVERSAL BALLAST WEIGHT and

#### 06 BALLAST WEIGHT HOLDER WITH HALFCOUPLER

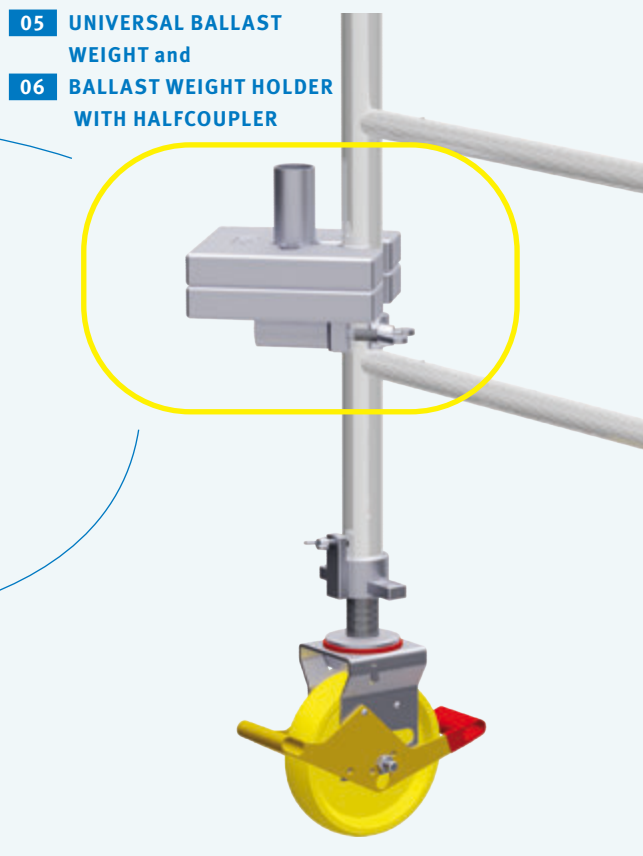


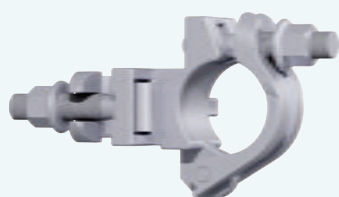
FIG.	DESCRIPTION	DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Rolling beam, universal design</b> steel; hot-dip galvanised  — two moveable tube connectors allow for system- independent use	1.60	10.7	30 07 510
		2.00	14.6	30 07 610
02	<b>Spacer tube +</b> steel; hot-dip galvanised  — adjustment function, e.g., with downward stairway — multiple height adjustment possibilities thanks to 120 mm hole raster — secured by locking pin	1.80	6.4	13 60 180
03	<b>Locking pin</b> steel; galvanised  — to secure scaffolding components		0.13	14 50 000
04	<b>Linchpin</b> steel; galvanised; 12 × 70 mm with snap-on lock		0.1	13 60 000
05	<b>Universal ballast weight +</b> steel; hot-dip galvanised  — for assembling onto the ballast weight holder with halfcoupler — in connection with ballast weight holder with halfcoupler universally usable for ballasting	0.20 × 0.20	10.0	30 20 011
06	<b>Ballast weight holder with halfcoupler for a max. of 4 05 ballast weights +</b> steel; hot-dip galvanised; with wing nut M 14	0.17	1.6	30 20 015



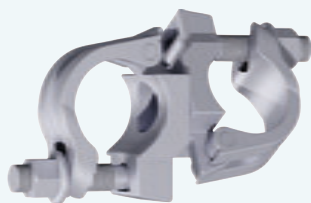
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# COUPLERS, SCAFFOLD TUBES AND SPARE PARTS



01



02

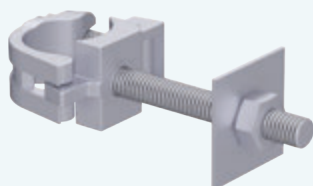


03



04

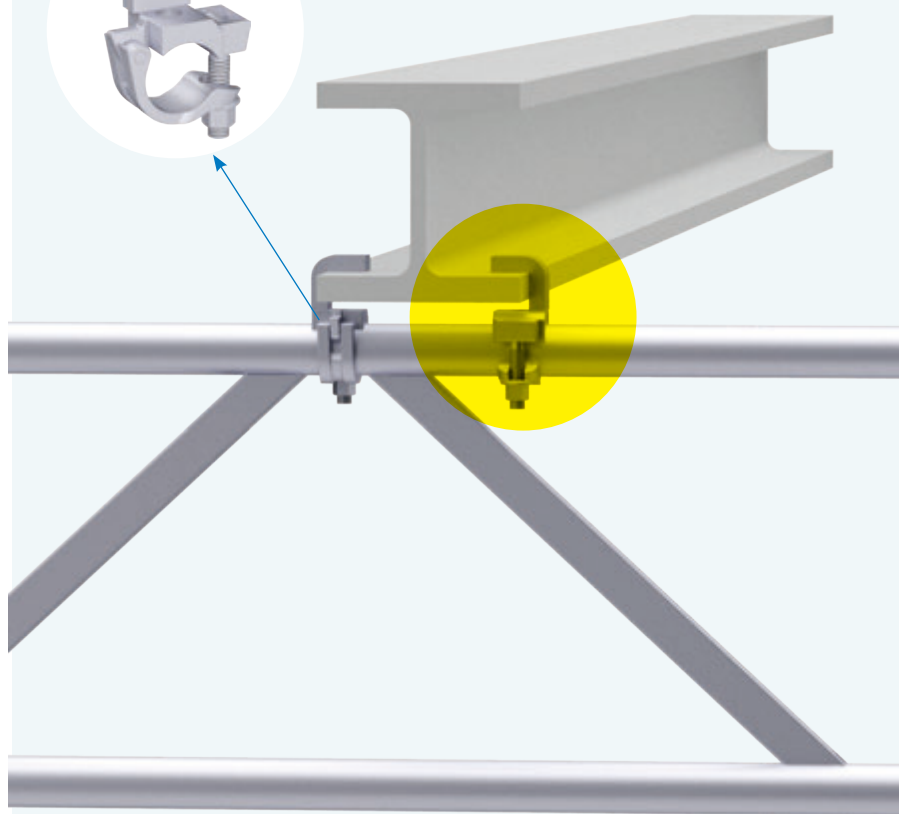
APPLICATION EXAMPLE 05 CLAW COUPLER  
always assemble in pairs



06



07



08



09

FIG.	DESCRIPTION		DIMENSIONS ø/ø [mm]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Standard coupler*</b> steel; hot-dip galvanised — for right-angle connections	WS 19	48 / 48	1.0	13 01 019
		WS 22	48 / 48	1.0	13 01 022
02	<b>Swivel coupler*</b> steel; hot-dip galvanised — for connections at any angle	WS 19	48 / 48	1.0	13 03 019
		WS 22	48 / 48	1.0	13 03 022
03	<b>Halfcoupler*</b> steel; hot-dip galvanised	WS 19	48 / –	0.6	13 02 019
		WS 22	48 / –	0.6	13 02 022
04	<b>Wedge halfcoupler*</b> steel; hot-dip galvanised		48 / –	0.7	13 02 039
05	<b>Claw coupler* +</b> steel; hot-dip galvanised — claw opening 35 mm	WS 19	48 / –	0.9	13 10 019
		WS 22	48 / –	0.9	13 10 022
06	<b>Combination coupler*</b> steel; hot-dip galvanised — with threaded bolt M16 × 120 mm, with coupling plate 60 × 60 and nut M16	WS 19	48 / –	0.5	13 04 019
		WS 22	48 / –	0.5	13 04 022
07	<b>Tension coupler*</b> steel; hot-dip galvanised	WS 19	48 / 48	1.4	13 07 019
		WS 22	48 / 48	1.4	13 07 022
08	<b>Tube connector for tension coupler*</b> steel; hot-dip galvanised	WS 19		1.0	13 08 000
09	<b>Halfcoupler with toeboard bolt*</b> (see page 10) steel; hot-dip galvanised	WS 19	48 / –	0.6	13 13 019
		WS 22	48 / –	0.6	13 13 022

**NOTE** \*for tubes with ø 48.3 mm; Couplers are approved by the respective manufacturer and in accordance with EN 74 standard.

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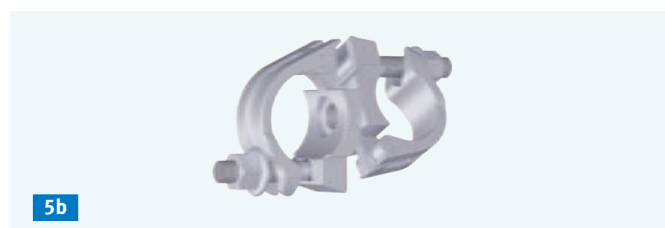
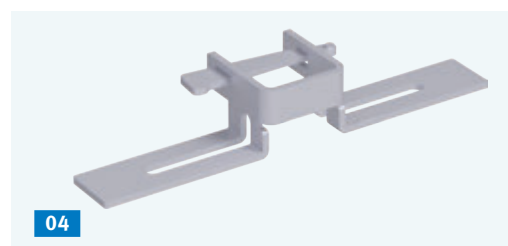
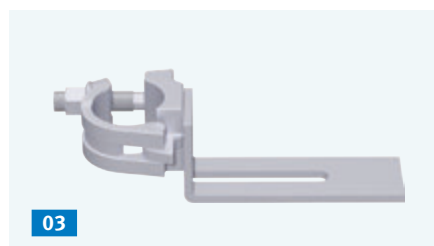
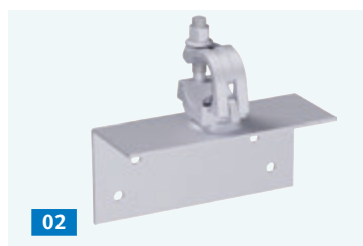
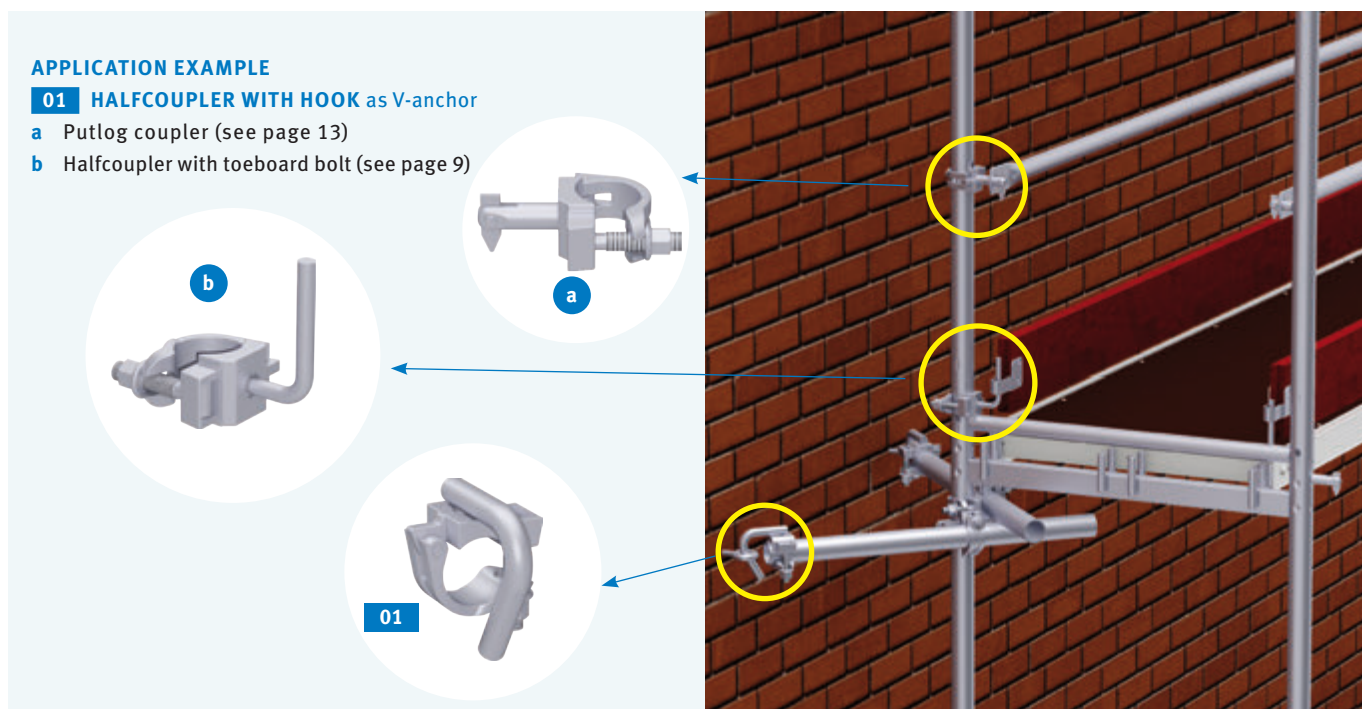
# COUPLERS, SCAFFOLD TUBES AND SPARE PARTS

## APPLICATION EXAMPLE

### 01 HALFCOUPLER WITH HOOK as V-anchor

a Putlog coupler (see page 13)

b Halfcoupler with toeboard bolt (see page 9)



## APPLICATION EXAMPLE

### 07 ALFIX ANCHOR COUPLER



FIG.	DESCRIPTION		DIMENSIONS ø/ø [mm]	WEIGHT approx. [kg]	ARTICLE NO.	
01	<b>Halfcoupler with hook* +</b> steel; hot-dip galvanised	WS 19	48 / –	0.9	13 06 019	
		WS 22	48 / –	0.9	13 06 022	
02	<b>Squared timber coupler*</b> steel; hot-dip galvanised  — plate: 100 × 220 × 80 mm; with swivel halfcoupler and 4 boreholes ø 10 mm	WS 19	48 / –	1.8	33 81 019	
		WS 22	48 / –	1.8	33 81 022	
03	<b>Clamp coupler, universal design* +</b> steel; hot-dip galvanised	WS 19	48 / –	1.1	13 17 019	
04	<b>Double clamp coupler with wedge *</b> Stahl; hot-dip galvanised  — for securing gap covers in the façade scaffold on both sides — assembly with frictional connection by means of wedge			1.2	13 17 030	
05	<b>Reduction coupler*</b> steel; hot-dip galvanised	<b>5a</b> Standard reduction coupler	WS 19	48 / 34	1.0	13 11 019
			WS 22	48 / 34	1.0	13 11 022
		<b>5b</b> Swivel reduction coupler	WS 19	48 / 34	1.1	13 12 219
			WS 22	48 / 34	1.1	13 12 222
06	<b>Guardrail coupler*</b> steel; hot-dip galvanised	<b>6a</b> with wedge coupler		48 / –	1.3	13 09 030
		<b>6b</b> with halfcoupler	WS 19	48 / –	1.3	13 09 019
07	<b>ALFIX anchor coupler* +</b> steel; hot-dip galvanised	WS 19	48 / –	0.9	13 06 119	
08	<b>UNIFIX anchor coupler*</b>	WS 22	48 / –	0.9	13 06 222	

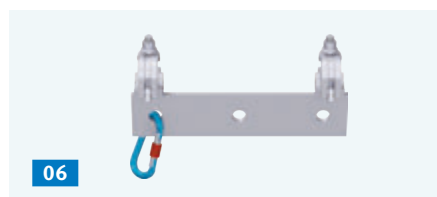
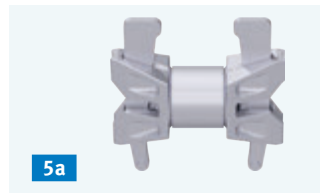
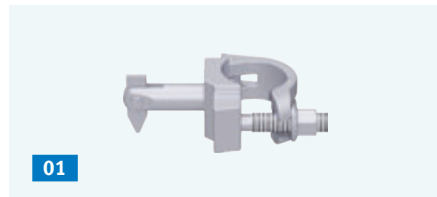
**NOTE** \*for tubes with ø 48.3 mm; Couplers are approved by the respective manufacturer and in accordance with EN 74 standard.

#### APPLICATION EXAMPLE 03 CLAMP COUPLER, UNIVERSAL DESIGN

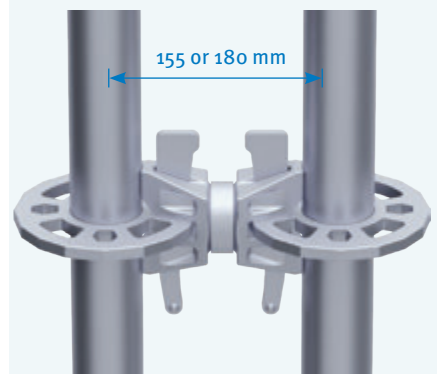
as tilt protection for aluminium bridging decks and to prevent unintentional lift-off for guardrails in roof fall arrest scaffolds



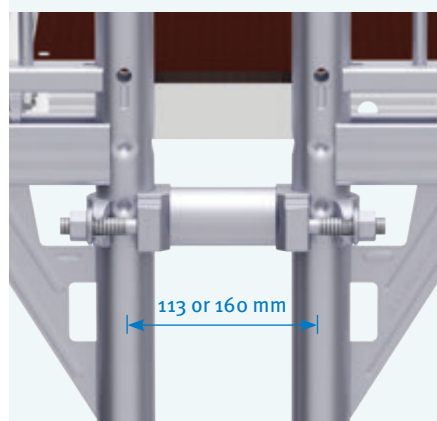
# COUPLERS, SCAFFOLD TUBES AND SPARE PARTS



APPLICATION EXAMPLE  
**06** DISTANCE COUPLER  
for modular scaffold



APPLICATION EXAMPLE  
**02** DISTANCE COUPLER  
for façade scaffold



## APPLICATION EXAMPLE **06** TENSION BELT COUPLER

The tension belt coupler allows for a defined force transmission with any downstand steel cable structures that may be required within the roof girders. The tension belt coupler is used for attaching a steel cable downstand structure or, in special cases, a tensioning strap. By means of two couplers, a distributed force is applied to the bottom chord. The tension belt coupler can also be used as an attachment point for loads of up to 250 kg, e.g., in the events industry.

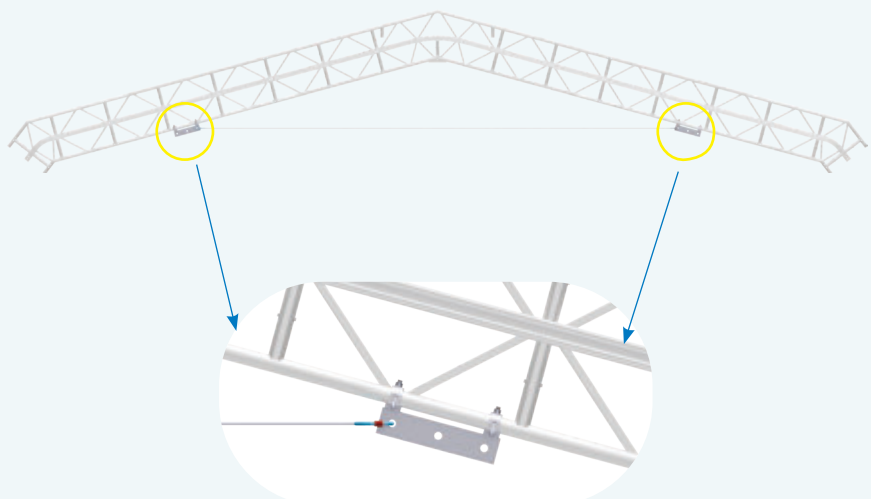
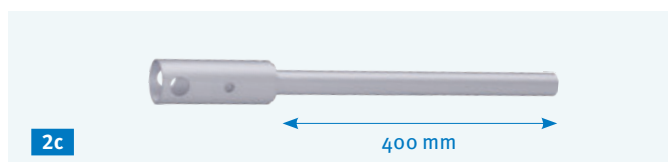
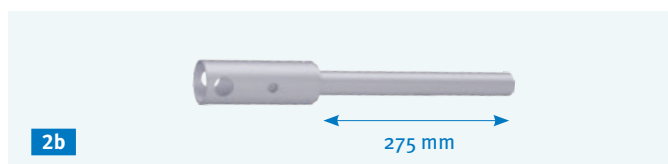
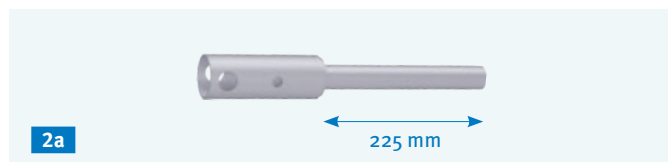


FIG.	DESCRIPTION		DIMENSIONS ø/ø [mm]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Putlog coupler*</b> + (see page 10) steel; hot-dip galvanised	WS 22	48 / –	0.6	13 05 022
02	<b>Distance coupler*</b> + steel; hot-dip galvanised	2a 113 mm	WS 22 48 / 48	1.5	13 20 022
		2a 160 mm	WS 22 48 / 48	1.6	13 20 122
03	<b>Mobile scaffold tower coupler*</b> steel; hot-dip galvanised  — rotatable, with palm grips		48 / 48	1.1	30 20 000
04	<b>Wedge-head coupler*</b> steel; hot-dip galvanised	4a fixed	WS 19 48 / –	1.0	41 50 000
		4b swivelling	WS 19 48 / –	1.0	41 50 001
FIG.	DESCRIPTION		LENGTH [m]	WEIGHT approx. [kg]	ARTICLE NO.
05	<b>Distance coupler, fixed*</b> + steel; hot-dip galvanised	5a 180 mm		1.2	41 50 002
		5b 155 mm		1.1	41 50 003
06	<b>Tension belt coupler*</b> + steel; hot-dip galvanised  — 360 × 80 × 10 mm — with halfcouplers ø 48.3 mm — with carabiner	WS 19		3.7	43 50 019
		WS 22		3.7	43 50 022
07	<b>T-bolt</b> steel; galvanised; M 14 × 78 mm; packaging unit: 50 pieces				14 51 000
08	<b>Collar nut M14</b> steel; galvanised; packaging unit: 50 pieces	WS 19			14 52 001
		WS 22			14 52 000
09	<b>Scaffold tube, steel</b> ø 48.3 × 3.25 mm; hot-dip galvanised		1.00	3.5	13 51 100
			2.00	7.0	13 51 200
			3.00	10.5	13 51 300
			4.00	14.0	13 51 400
			5.00	17.5	13 51 500
	Custom dimensions available upon request.		6.00	21.0	13 51 600
10	<b>Scaffold tube, aluminium</b> ø 48.3 × 4.05 mm		1.00	1.5	13 40 100
			2.00	3.0	13 40 200
			3.00	4.5	13 40 300
			4.00	6.0	13 40 400
			5.00	7.5	13 40 500
	Custom dimensions available upon request.		6.00	9.0	13 40 600
11	<b>Tube end cap</b> plastic	11a black		0.02	37 69 000
	— for scaffold tubes ø 48.3 mm	11b yellow		0.03	37 69 001

**NOTE** \*for tubes with ø 48.3 mm; Couplers are approved by the respective manufacturer and in accordance with EN 74 standard.

## SCAFFOLD AND EIFS ANCHORAGE



## APPLICATION EXAMPLE

**2a** ANCHOR SLEEVE with  
**03** LINCHPIN and  
**01** SPACER TUBE 1.00 m  
 and standard couplers (see page 9)  
 fitted to the wall of a building without  
 heat insulation

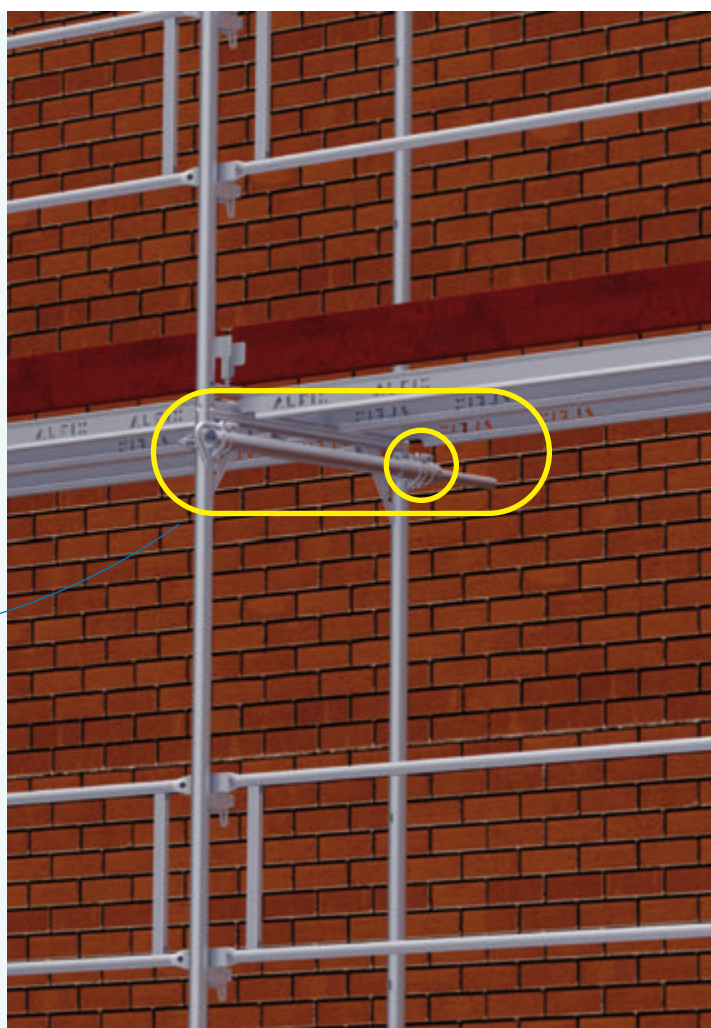


FIG.	DESCRIPTION	L × W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Distance tube</b> + steel ø 48.3 mm; hot-dip galvanised  — assembly with two standard couplers to both frame tubes, starting at a length of 1.00 m — with borehole (for spacer tubes of 1.00 m and longer) for locking the EIFS anchor sleeve by means of a linchpin	0.40	1.5	13 61 040
		1.00	3.3	13 61 100
		1.30	4.2	13 61 130
		1.50	4.8	13 61 150
02	<b>Anchor sleeve</b> + steel; galvanised  — for anchoring façade scaffoldings to buildings for which EIFS is required / has already been installed — anchoring generally required only at every 4th-5th anchoring point — can be completely removed when dismantling, and is therefore suitable for reinstallation several times — the opening resulting from the removal of the anchor sleeve must be sealed using an EIFS NEOPOR® 32 insulation plug and a lamellar plug — for insulation thicknesses of up to 160 mm and when using standard reduction couplers additional widening of the bay is not required	<b>2a</b> 300 EIFS thickness of up to 220 mm for ring screw 300 mm	1.8	13 60 300
		<b>2b</b> 350 EIFS thickness of up to 270 mm for ring screw 350 mm	2.0	13 60 350
		<b>2c</b> 475 EIFS thickness of up to 395 mm for ring screw 500 mm	2.8	13 60 475
03	<b>Linchpin</b> + galvanised; 12 × 70 mm with snap-on lock		0.1	13 60 000
04	<b>Flexible corrugated tube</b> plastic; black	25.00	3.6	13 60 025
05	<b>EIFS insulation plug NEOPOR® 32</b> 32 × 220 mm			13 60 002
06	<b>Lamellar plug</b> plastic; nature; ø 32 mm			13 60 001
07	<b>Standard reduction coupler</b> 60 / 48 mm, WS 19		1.5	13 11 419

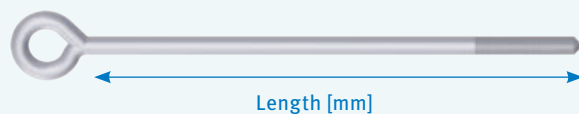
For detailed information on anchor sleeve application please refer to the respective Instructions for Assembly and Use.  
Instruction videos and further information at [www.alfix-systems.com](http://www.alfix-systems.com).



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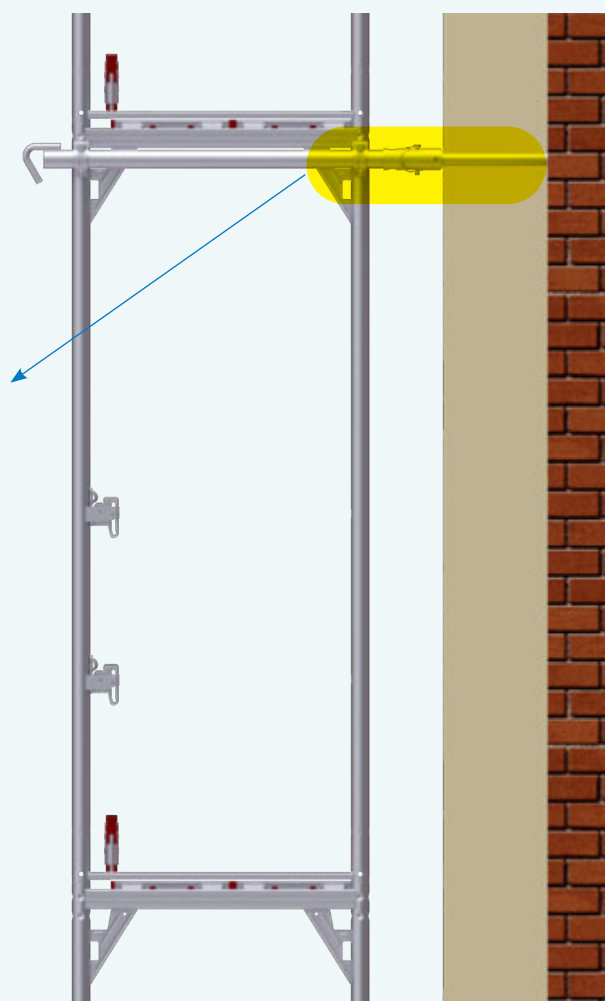
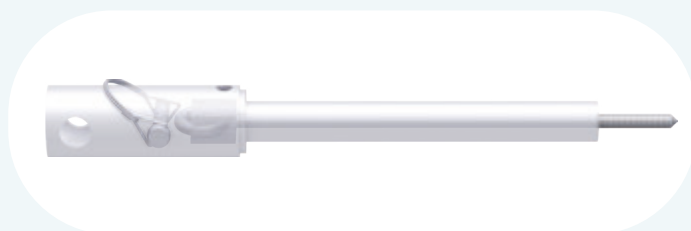
# EIFS ANCHORAGE

01



## APPLICATION EXAMPLE

**01 RING SCREW** with EIFS anchor sleeve, spacer tube and linchpin (see page 14)



02




03



04





FIG.	DESCRIPTION	LENGTH [mm]	PACKAGING UNIT [piece]	ARTICLE NO.
01	<b>Ring screw</b> 	90	50	37 02 090
	steel; galvanised; ø 12 mm	120	50	37 02 120
	— with installation depth marking	160	50	37 02 160
	— ring hole diameter 25 mm	190	50	37 02 190
	— wooden thread	230	30	37 02 230
	— for dowels ø 14 mm	300	30	37 02 300
		350	30	37 02 350
		400	20	37 02 400
		450	20	37 02 450
		500	20	37 02 500
20% quantity discount for orders of 500 or more				
02	<b>Multipurpose plug</b> 100% nylon; ø 14 mm  — for <b>01</b> ring screws with a ø 12 mm screw thread	70	100	37 00 000
03	<b>Scaffolding plug</b> 100% nylon; ø 14 mm  — high-quality nylon plug with tie and screw-in depth marking in accordance with the BG regulations and DIN EN 12811-1	70	100	37 00 010
		100	100	37 00 011
		135	100	37 00 012
04	<b>Cap</b> plastic; cap ø 28 mm  — suitable for ALFIX plugs with ø 14 mm — for closing anchor boreholes	40		37 01 001

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## ALFIX FAÇADE SCAFFOLDING

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# LATTICE GIRDERS

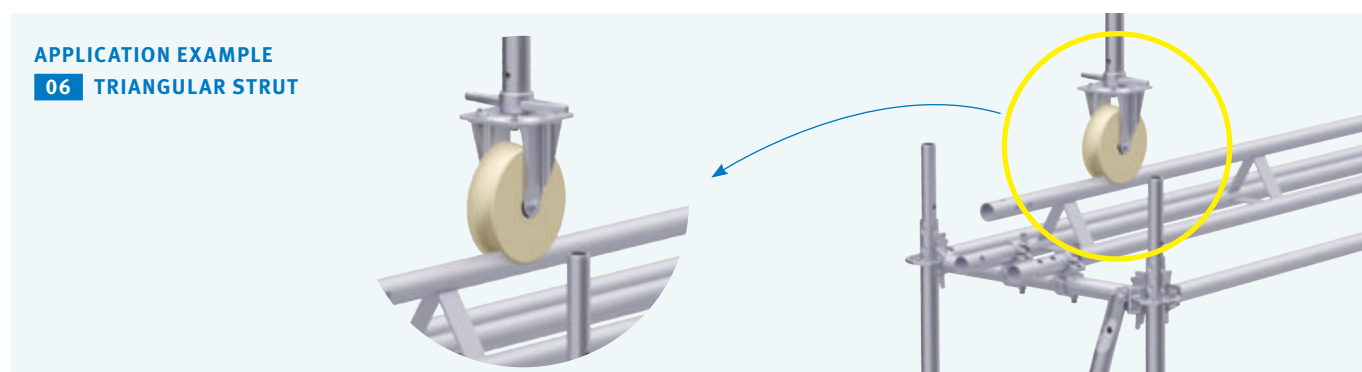
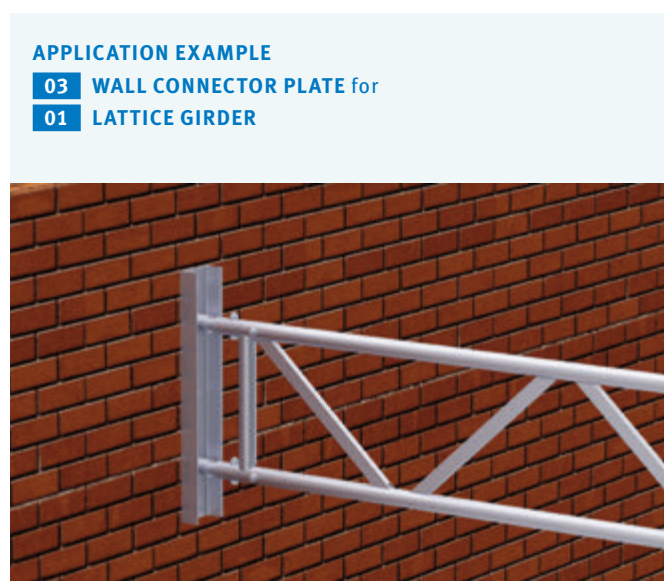
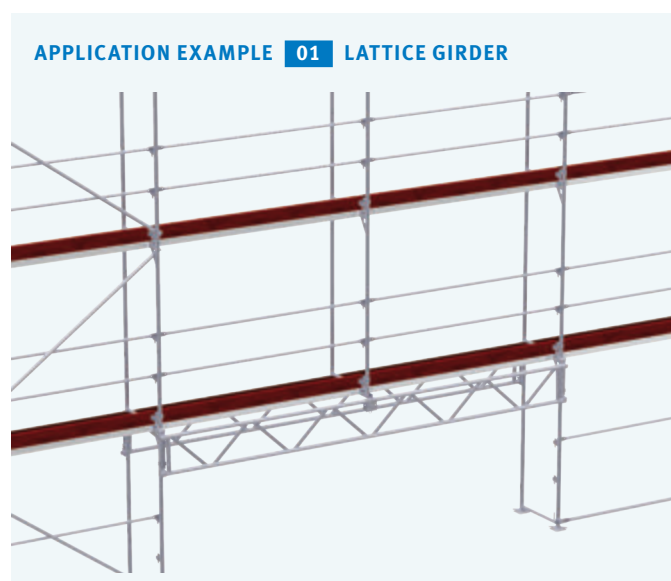
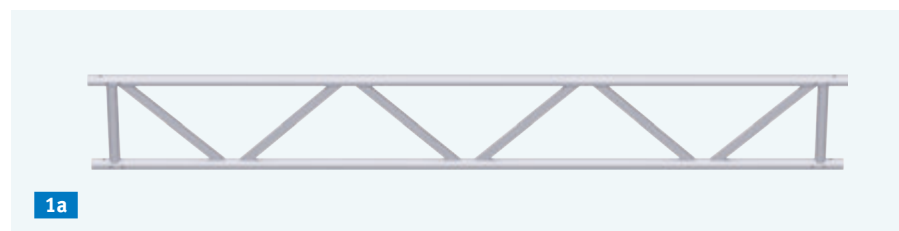

























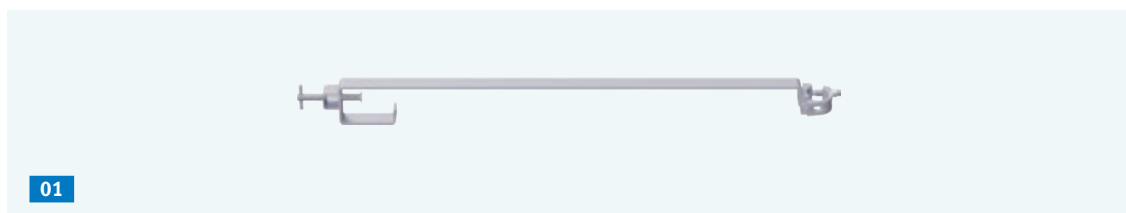
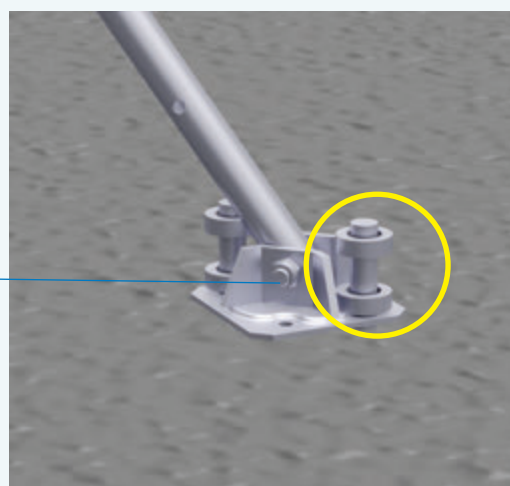


FIG.	DESCRIPTION	ALFIX	UNIFIX	DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Lattice girder</b>   — for use in façade scaffolding for construction-related bridging purposes (e.g. passages)  — The load-bearing capacity depends on the material and bridging length. For loading tables, please refer to the respective approval or the Instructions for Assembly and Use.	1a steel ø 48.3 mm; hot-dip galvanised		3.10 × 0.45	30.9	23 75 310
				3.20 × 0.45	31.9	13 75 320
				4.10 × 0.45	40.1	23 75 410
				4.20 × 0.45	41.1	13 75 420
				5.10 × 0.45	49.4	23 75 510
				5.20 × 0.45	50.3	13 75 520
				6.10 × 0.45	58.6	23 75 610
				6.20 × 0.45	59.6	13 75 620
				7.60 × 0.45	73.0	23 75 760
				7.77 × 0.45	73.9	13 75 706
		1b aluminium ø 48.3 mm		3.10 × 0.45	12.5	23 70 310
				3.20 × 0.45	12.8	13 70 320
				4.10 × 0.45	16.3	23 70 410
				4.20 × 0.45	16.5	13 70 420
				5.10 × 0.45	19.9	23 70 510
				5.20 × 0.45	20.2	13 70 520
				6.10 × 0.45	23.6	23 70 610
				6.20 × 0.45	23.8	13 70 620
				8.10 × 0.45	30.9	23 70 800
				8.20 × 0.45	31.2	13 70 820
<b>* BAY WIDTHS</b>  Alfix 2.57 m  Unifix 2.50 m						
02	<b>Tube connector for lattice girder</b> steel; hot-dip galvanised; with 4 M14 × 65 mm screws and nuts			0.41	1.5	13 88 030
03	<b>Wall connector plate for lattice girder</b>  steel; hot-dip galvanised; with U-profile 120 mm; boreholes ø 16 mm  — for lattice girders with axial distance 45 cm — fitting in accordance with anchorage ground and load — fastening in accordance with anchorage ground and load / individual project-use verification required			0.70	6.8	13 90 001
04	<b>Hexagon bolt</b> steel; galvanised; packaging unit: 50 pieces	M14 × 65			0.1	14 53 000
		M12 × 60			0.05	73 01 260
05	<b>Hexagon nut</b> steel; galvanised; packaging unit: 50 pieces	M14				73 02 018
		M12				73 01 030
06	<b>Triangular strut</b>  steel ø 48.30 mm; hot-dip galvanised  — triple-chord beam 0.22 × 0.22 × 0.22 m			2.00 × 0.17	24.3	13 90 200
				3.00 × 0.17	36.1	13 90 300
				4.00 × 0.17	47.8	13 90 400
				5.00 × 0.17	59.6	13 90 500

## SYSTEM-INDEPENDENT COMPONENTS



APPLICATION EXAMPLE 03 GROUND PEG



APPLICATION EXAMPLE 02 TELESCOPIC SCAFFOLD STABILISER

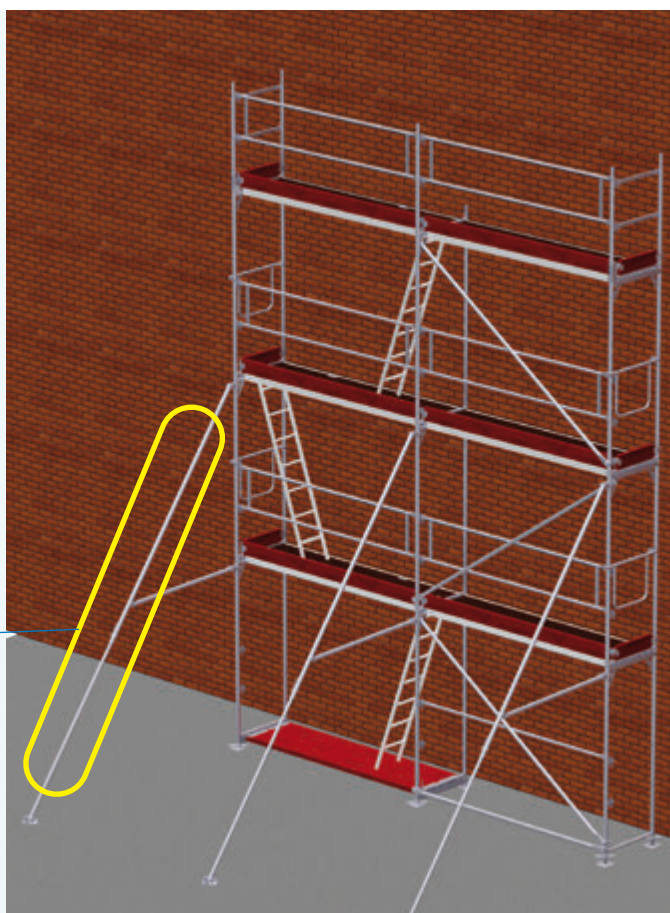
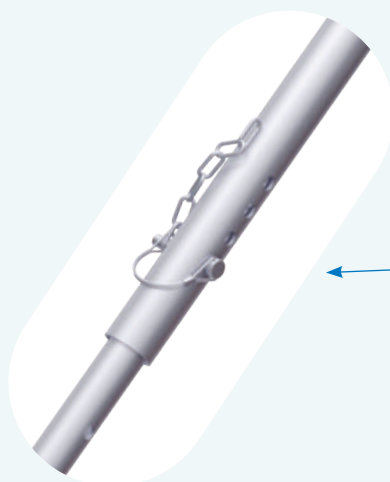
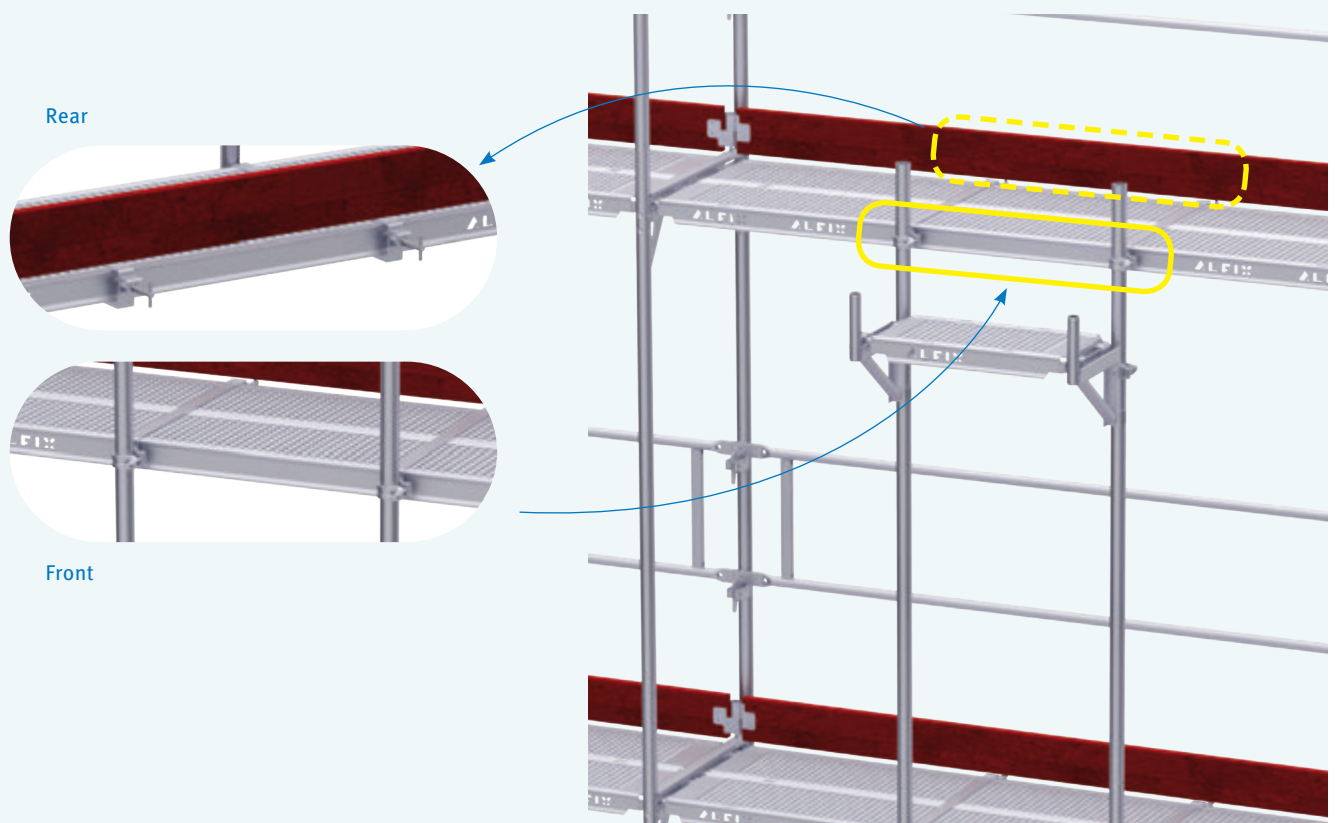


FIG.	DESCRIPTION		DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Recess bracket holder +</b> steel; hot-dip galvanised  — with integrated halfcoupler — for all scaffolding systems up to bay widths 0.65 and 1.00 m	WS 19	0.70	2.3	14 51 060
		WS 19	1.00	2.9	14 51 100
02	<b>Telescopic scaffold stabiliser 3.20 – 5.00 m +</b> steel; hot-dip galvanised  — transportation length 3.20 m — extension length 3.00– 5.00 m — to stabilise free-standing scaffoldings with assembly heights of up to 6.20 m — also ensures safe connection to the scaffolding due to bracing effect — with locking pin 12 × 70 mm to provide secure locking of the diagonal brace at various extension lengths			28.0	13 63 500
03	<b>Ground peg +</b> Ø 25 mm; steel; non-galvanised		0.48	2.0	61 00 000

#### APPLICATION EXAMPLE

##### 01 RECESS BRACKET HOLDER

Two recess bracket holders are fitted to the decks of each level by means of a tensioning screw. Recess bracket holders can be used for each deck type. The holders must be arranged such that the niche is closed with a suitable deck and that any remaining gaps must not exceed 30 cm. The recess bracket holders features halfcouplers which serve to vertically fit standards for two or more levels, which accommodate the brackets at the respective height.



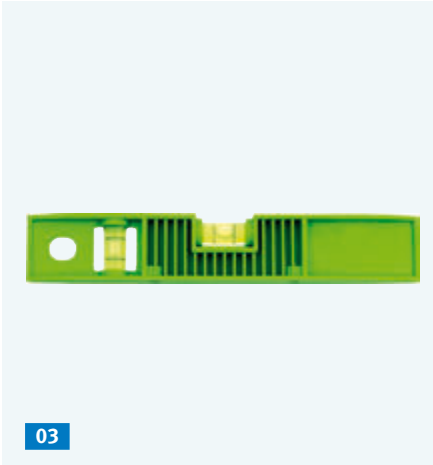
TOOLS



01



02



03

**Identification and approval** for scaffolds according to DIN EN 12811 / DIN 4420

<b>Customer / Client:</b>	<b>Scaffolding erector</b> (copy, if applicable)	<b>Competent person during assembly:</b>
<b>Construction project / Place of erection:</b>		<b>Assembly period:</b>
<b>Scaffold no.:</b>		<b>Competent person for inspection:</b>
<b>Phone:</b>	<b>Phone:</b>	<b>Inspection period:</b>

<b>Scaffold:</b>	<input type="checkbox"/> Working scaffold acc. to EN 12811	<input type="checkbox"/> Facade scaffold	<input type="checkbox"/> Bridge scaffold	<input type="checkbox"/> Protective roof	<input type="checkbox"/> Stairway tower
	<input type="checkbox"/> Protective scaffold acc. to DIN 4420	<input type="checkbox"/> Roof fall arrest scaffold	<input type="checkbox"/> Mobile scaffold	<input type="checkbox"/> Mobile scaffold tower	<input type="checkbox"/> Custom-design scaffold

<b>Cladding:</b>	<input type="checkbox"/> None	<input type="checkbox"/> Tarps	<input type="checkbox"/> Nets	<input type="checkbox"/>
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<b>Load class:</b>	<input type="checkbox"/> > 150 kg/m <sup>2</sup>	<input type="checkbox"/> 3 (200 kg/m <sup>2</sup> )	<input type="checkbox"/> 4 (300 kg/m <sup>2</sup> )	<input type="checkbox"/> (___) kg/m <sup>2</sup>
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<b>Width class:</b>	<input type="checkbox"/> W00	<input type="checkbox"/> W01	<input type="checkbox"/> W___	<b>System width:</b>	<input type="checkbox"/> SW06	<input type="checkbox"/> SW09	<input type="checkbox"/> SW___
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**Restrictions on use:**

Unauthorized scaffold modifications are prohibited unless the scaffolding erector has been consulted beforehand. Please follow the respective instructions for Assembly and Use.

<b>Inspected and approved:</b>	<b>Competent person of user:</b>	<b>ALFIX</b>
Competent person of scaffolding erector:		ALFIX GmbH
Date, Signature	Date, Signature	Langenhennersdorfer Str. 15 D - 09603 Großschirma



04

**Inspection protocol** according to Section 14 of the German Industrial Safety Regulations (BetrSichV)

<b>Scaffold no.:</b>		<b>In order?</b>
		Yes No Not applicable

<b>Scaffolding components</b>	No visible damage	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Dimensions - decks/planks, tube wall thickness	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Identification - tubes, couplers, components	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Structural stability</b>	Load-bearing capacity of assembly surface/ground	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Base jacks - extension length	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Struts / diagonals (at least 1 per 5 bays in every axis), longitudinal ledger	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lattice girders - bracing of compression chord, mounting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Anchoring - number, anchoring surface, anchoring configuration, spacing, testing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Decks</b>	Scaffold levels - fully decked or with horizontal bracing	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Scaffolding planks - cross-section, mounting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lift-off preventer - in case of lift-off forces	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Corner design - in full width, side protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Working and operating safety</b>	Three-part side protection - end protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Openings - gaps closed, full width class	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Accesses and ascents - number, suitability, height (ladders > 5 m)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Traffic safety - lighting, barriers	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Brackets, projections - bracing, anchoring	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Free-standing towers - width to height, ballasting	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Distance between structure and deck - inward side protection	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Protective wall in brick guard	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Mobile scaffold tower</b>	Castors	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Ballasting/widening	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

<b>Identification</b>	Parts of the scaffold not usable are identified with a prohibition sign indicating "No entry" and marked off by barriers preventing access.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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<b>Design:</b>	<input type="checkbox"/> Standard version	<input type="checkbox"/> Type testing	<input type="checkbox"/> Instructions for Assembly and Use	<input type="checkbox"/> Individual verification/assembly plan
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**Notes/comments:**

<b>Inspected and approved</b>	<b>Competent person of user:</b>
Competent person of scaffolding erector:	
Date, Signature	Signature

05



06



FIG.	DESCRIPTION	DIMENSIONS	WEIGHT	ARTICLE NO.
		L×W [m]	approx. [kg]	
01	<b>Standard double ratchet</b> — with pin for ring screws	WS 19 / 22	0.4	37 01 922
02	<b>Mannesmann ratchet spanner</b>  — high-quality ratchet wrench with steel impact head — aluminium handgrip — with ratch wheel — steel impact head with switch for clockwise and counterclockwise rotation	WS 19	1.0	37 23 019
		WS 22	1.0	37 23 022
		WS 19 / 22	1.0	37 24 019
03	<b>TORPEDO spirit level, 25 cm</b> — magnetic		0.4	37 25 001
04	<b>Plastic pocket for the scaffold identification protocol</b> A5 landscape format			37 58 003
05	<b>Scaffold approval certificate and Inspection protocol</b> free download on the website  — Scaffold approval certificate for 04 plastic pocket			37 58 004
06	<b>Long load safety flag</b> with ALFIX company logo; plastic; red	30 × 30		37 58 000



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<i>France</i>	<i>Sweden</i>
<i>Greece</i>	<i>Switzerland</i>
<i>Great Britain</i>	<i>Slovakia</i>
<i>Ireland</i>	<i>Spain</i>
<i>Italy</i>	<i>Czech Republic</i>
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<i>Latvia</i>	<i>Israel</i>
<i>Lithuania</i>	<i>Central Africa</i>

## SCAFFOLD TARPAULINS AND NETS



### APPLICATION EXAMPLE

- 04 SIDE PROTECTION NET with
- 05 QUICK STRAP FASTENER

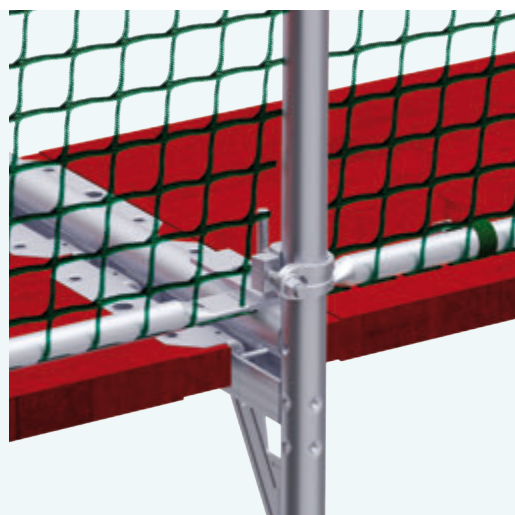


FIG.	DESCRIPTION	DIMENSIONS L × W [m]	ARTICLE NO.
01	<b>Scaffold tarpaulin</b> woven PE fabric; transparent; about 160g/m <sup>2</sup> — protection from rain, snow and low temperatures — fixed by means of eyelets at intervals of 50 cm (double eyelets) all way around	10.00 × 0.80	37 51 108
		10.00 × 1.10	37 51 111
		10.00 × 1.60	37 51 116
		20.00 × 1.60	37 51 216
		10.00 × 2.10	37 51 120
		10.00 × 2.60	37 51 126
		20.00 × 2.60	37 51 226
		10.00 × 3.10	37 51 131
		20.00 × 3.10	37 51 231
02	<b>Scaffolding tarpaulin</b> PE mesh; transparent; about 200 g/m <sup>2</sup> — highly tear-resistant, transparent, mesh reinforced PE tarpaulin with welded-on eyelet tapes along the sides — normal UV stabilization — protection from rain, snow and low temperatures — temperature resistance: – 40° / + 80° — tear-resistance approx. 500 N	10.00 × 2.70	37 50 127
		20.00 × 2.70	37 50 227
		10.00 × 3.20	37 50 132
		20.00 × 3.20	37 50 232
03	<b>Scaffolding net</b> blue; mesh width approx. 2 × 3 mm — highly tear-resistant; highly light-transmissive; 70 % wind permeable — easy installation — reinforced borders and button border	10.00 × 2.57	37 53 125
		20.00 × 2.57	37 53 225
		10.00 × 3.07	37 53 130
		20.00 × 3.07	37 53 230
04	<b>Side protection net</b> + green; mesh width 100 × 100 mm — highly tear-resistant fabric; normal UV stabilization — to prevent persons, building materials or tools from falling down during construction or assembly	5.00 × 2.00	37 56 512
		10.00 × 2.00	37 56 511
05	<b>Quick strap fastener</b> + for rapid mounting of protective nets; strap breaking load 750 daN; packaging unit: 50 pieces	0.55 × 0.025	37 41 000

# KEDER TARPAULINS



**APPLICATION EXAMPLE 03 KEDER TARPAULIN**  
Colour code indication system: coloured straps to mark Keder tarpaulin lengths and additional colour dot to indicate the bay width.

- Bay width of 2.57 m [tarpaulin 2.53 m]

6.00 \* 8.00 \* 10.00 \* 12.00 \*

Bay width of 2.50 m [tarpaulin 2.46 m]

6.00 \* 8.00 \* 10.00 \* 12.00 \*
- \* Length in m
- 26



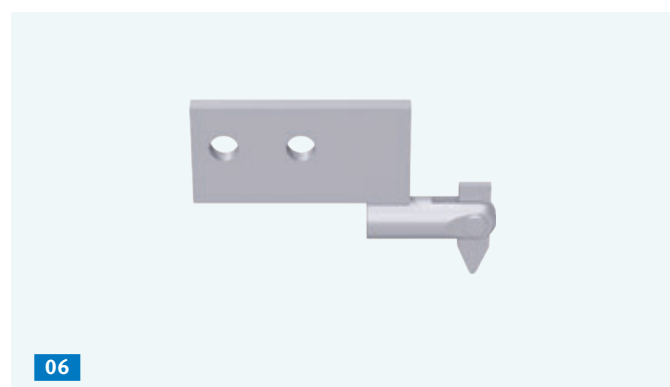
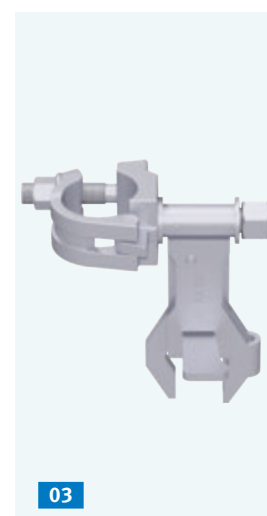
FIG.	DESCRIPTION	DIMENSIONS L × W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Keder tarpaulin woven fabric</b> white; about 240g/m <sup>2</sup> ; PE woven fabric; UV stabilized  — only suitable for fitting tarpaulins to walls	8.00 × 2.46	4.7	47 92 080
		10.00 × 2.46	5.9	47 92 100
		12.00 × 2.46	7.1	47 92 120
		8.00 × 2.53	4.9	47 93 080
		10.00 × 2.53	6.1	47 93 100
		12.00 × 2.53	7.3	47 93 120
02	<b>Keder tarpaulin PE mesh</b> white-translucent; about 300g/m <sup>2</sup> ; with transparent PVC-coating on both sides  — only suitable for fitting tarpaulins to walls	8.00 × 2.46	5.9	47 94 080
		10.00 × 2.46	7.4	47 94 100
		12.00 × 2.46	8.9	47 94 120
		8.00 × 2.53	6.1	47 95 080
		10.00 × 2.53	7.6	47 95 100
		12.00 × 2.53	9.1	47 95 120
03	<b>Keder tarpaulin PVC +</b> white; about 590g/m <sup>2</sup> ; DIN 4102 B1; flame-retardant  — suitable for fitting tarpaulins to roofs and walls — metal eyelets at the ends on both sides at intervals of 50 cm — straps with steel eyelet — colour coding to indicate tarpaulin length and bay width	8.00 × 2.46	12.0	47 90 080
		10.00 × 2.46	15.0	47 90 100
		12.00 × 2.46	17.0	47 90 120
		8.00 × 2.53	12.0	47 91 080
		10.00 × 2.53	15.0	47 91 100
		12.00 × 2.53	17.0	47 91 120
04	<b>Standard zip tie</b> white; minimum breaking load 23 daN; packaging unit: 100 pieces	300 × 4.80 mm		37 40 001
		380 × 7.80 mm		37 40 004
05	<b>Toggle tie</b> packaging unit: 50 pieces  — for fixing tarpaulins and scaffolding nets to the scaffold		0.01	37 40 000

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# KEDER RAIL SYSTEM



## APPLICATION EXAMPLE

- 1b** ALUMINIUM KEDER RAIL WITH TILTING PIN and  
**06** EAVES LEDGER CONNECTION

for fixing the eaves ledgers, to enable fastening roof tarpaulins in the eaves section also when using Keder rails. When an eaves ledger connection is installed in the upper opening of the Keder rail, a tarpaulin can be fixed using an additional eaves ledger.

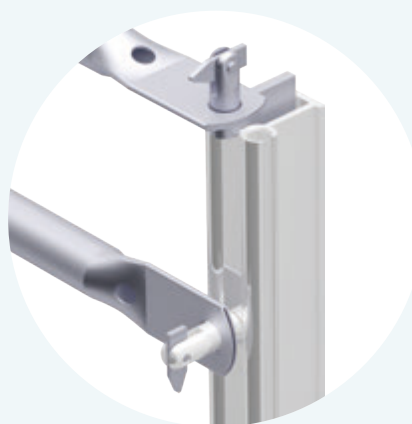
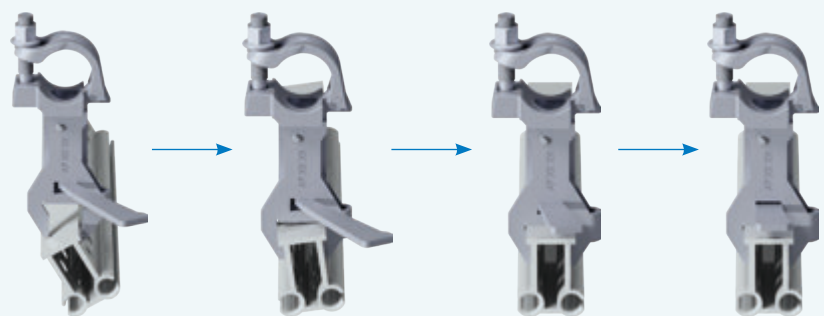




FIG.	DESCRIPTION		DIMENSIONS L x W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Keder rail</b> + aluminium	1a with boreholes on both sides	1.80	5.4	47 75 180
			2.30	6.0	47 75 230
			3.00	9.0	47 75 300
			4.00	12.0	47 75 400
			5.00	15.0	47 75 500
			6.00	18.0	47 75 600
		1b with tilting pin	0.50	1.8	47 75 050
02	<b>Keder rail holder</b> + steel; hot-dip galvanised — continuously variable attachment of the Keder rail onto the scaffolding — distance of Keder holders from one another max. 2.00 m	WS 19		1.1	47 99 000
		WS 22		1.1	47 99 015
03	<b>Keder rail holder, 360° rotatable</b> steel; hot-dip galvanised	WS 19		1.4	47 99 019
04	<b>Keder rail longitudinal connector</b> steel; hot-dip galvanised — with 4 bolts M12 x 50 and 4 nuts M12 — with 4 boreholes ø 14 mm — for connecting Keder rails in longitudinal direction		0.30 x 0.05	1.3	47 99 014
05	<b>Sponge rubber, keder rail seal</b> thickness: 4 mm				47 99 005
06	<b>Eaves ledger connection</b> + steel; hot-dip galvanised — with tilting pin		0.10 x 0.05	0.4	47 45 300

## FUNCTIONING

## 02 KEDER RAIL HOLDER



The Keder rail is mounted by means of the Keder rail holder. The Keder rail is positioned by laterally inserting the rail into the fixed part of the holder. By clicking the Keder rail into the end position, the rotatable part of the holder closes automatically and embraces the Keder rail. Keder rail and holder are secured non-positively and positively by a hammer blow on the wedge.

The Keder rail is continuously variable - regardless of position and number of Keder rail holders. An installation is possible at any construction stage. Due to the Keder rail's robust construction, holders are required only every 2 metres. As a result, the number of Keder rail holders can be reduced by 1/3, thereby significantly saving installation time.

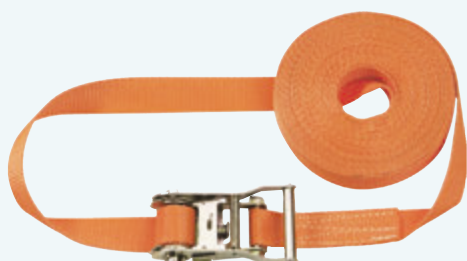
## ROPES AND STRAPS



1a Fig. similar



1b Fig. similar



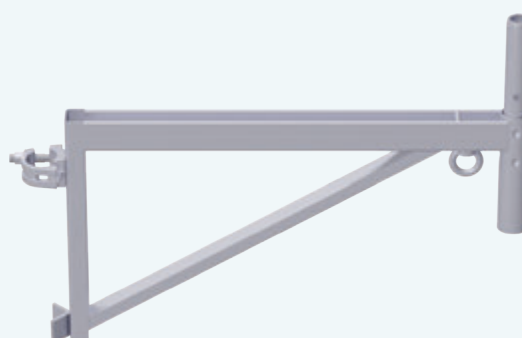
02 Fig. similar



03 Fig. similar



04



05



06



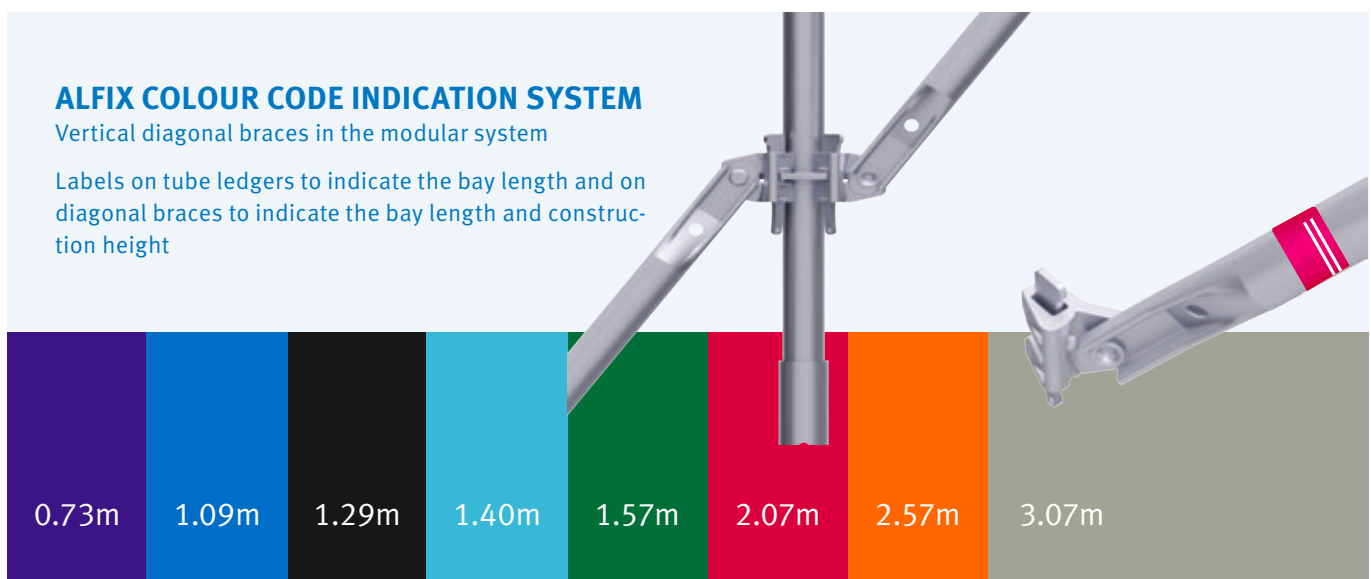
07

FIG.	DESCRIPTION		LENGTH [m]	WEIGHT approx. [kg]	ARTICLE NO.
<b>01</b>	<b>Lashing strap with ratchet</b> 2-piece	<b>1a</b> claw hook	8.00	2.4	37 68 000
	— lashing strap with ratchet to secure loads; allowable tension load in the strapping: 5000 daN — 50 mm polyurethane-coated strap (PU) — length: ratchet part 0.50 m, end piece 7.50 m	<b>1b</b> pointed hook	8.00	2.4	37 68 002
<b>02</b>	<b>Lashing strap with ratchet</b> 1-piece		6.00	1.1	37 68 004
	— lashing strap with ratchet to secure loads; allowable tension load in the strapping: 2000 daN — 35 mm strap				
<b>03</b>	<b>Fibre rope</b> plaited	with 1 end loop	30.00	7.6	37 81 130
		with 1 end loop	40.00	10.1	37 81 140
<b>04</b>	<b>Scaffold rope, plastic</b> plastic; ø 8 mm; with clamp; 4 shafts		2.50	0.05	37 82 006
<b>05</b>	<b>Bracket for pulley</b> steel, hot-dip galvanised		0.73	6.7	10 49 073
	— with halfcoupler — with welded-on fixture for <b>07</b> pulley				
<b>06</b>	<b>Load hook for scaffolding components</b> steel; galvanised			0.5	36 01 408
	— for use with, among others, <b>07</b> pulley and <b>03</b> fibre rope				
<b>07</b>	<b>Pulley</b> steel; ø 190 mm			2.3	37 83 000
	— with cross-bar and rotatable load hook				

## ALFIX COLOUR CODE INDICATION SYSTEM

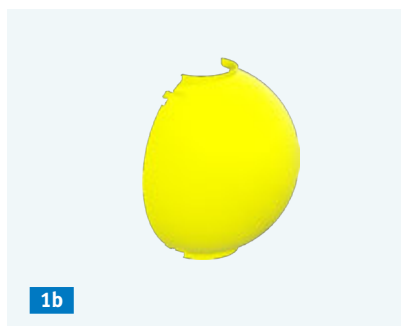
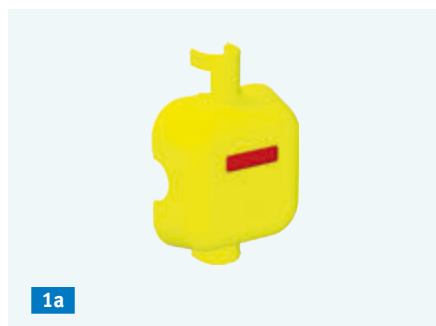
Vertical diagonal braces in the modular system

Labels on tube ledgers to indicate the bay length and on diagonal braces to indicate the bay length and construction height



## OCCUPATIONAL SAFETY AND HEALTH

FIG.	DESCRIPTION	LENGTH [m]	WEIGHT approx. [kg]	ARTICLE NO.
<b>01</b>	<b>Cover</b> plastic (PP); yellow  — for inner and outer fixation to standard by means of plug connection — with <b>1a</b> reflector	<b>1a</b> for modular connector node 180 × 260 mm  <b>1b</b> for modular connector disc (rosette) 2-piece; ø 138 mm; width 146 mm	0.2  0.1	37 00 008  37 00 009
<b>02</b>	<b>Personal fall protection equipment kit (PPE)</b> EN 354 / 355 / 361 / 363 ; fastener sharp-edge tested  — with special carabiners to suit scaffolding use — delivered in a functional PVC bag — Revolution R2 Scaff harness 2.50 m; safety rope Manyard Edge — with Pivot Link™ attachment point at waist level to securely attach accessories, e.g. <b>03</b> ratchet spanner holster			37 67 009
<b>03</b>	<b>Ratchet spanner holster</b> — with integrated Pivot Link™ attachment point for secure attachment to safety harness			37 50 017
<b>04</b>	<b>Miller Turbolite</b> — personal fall limiter — lightweight (1.6 kg) — for a user with a body weight of up to 136 kg — replaces safety rope and shock absorbing lanyard for PPE — strap 2.00 m with scaffolding hook and twistlock	1.6	1.6	37 50 025
<b>05</b>	<b>Safety helmet with chin strap</b> — in accordance with EN 397 — universal size — adjustable	<b>5a</b> white (not shown)  <b>5b</b> yellow		37 50 018  37 50 024



# ADVERTISING

FIG.	DESCRIPTION		DIMENSIONS L×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
06	<b>Advertising tarpaulin</b> PVC or mesh fabric  — multicolour digital print — with top and bottom hollow seam	6a	without ALFIX logo	2.40 × 2.05	37 59 000
		6b	with ALFIX logo	2.40 × 2.05	37 59 001
07	<b>Scaffold sign frame</b> steel; hot-dip galvanised  — with two halfcouplers WS 19 for tubes ø 48.3 mm		1.00 × 0.70	5.6	14 99 001
08	<b>Toe board labelling</b>				Available upon request



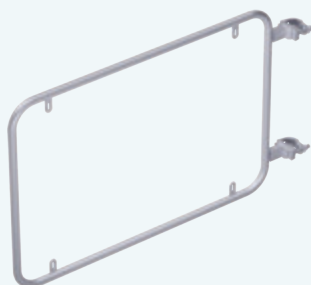
6a



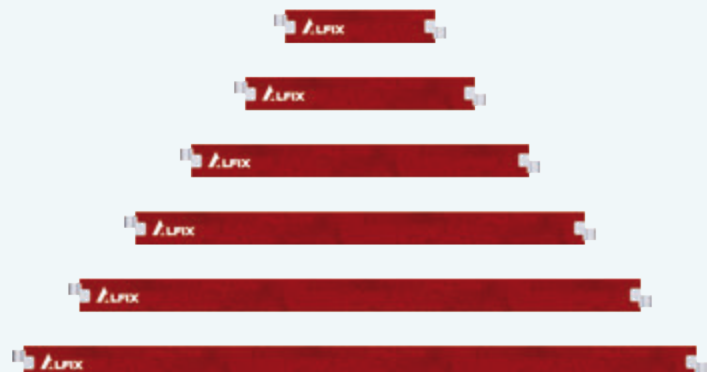
6b yellow imprint



6b blue imprint

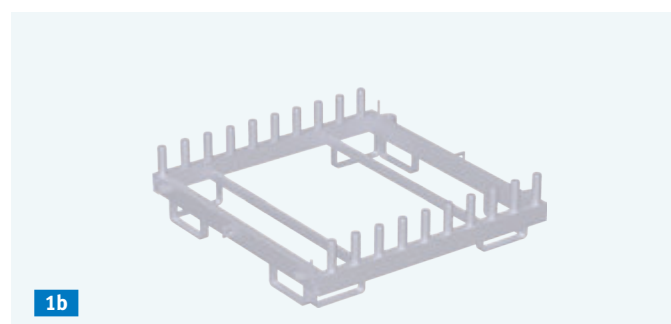
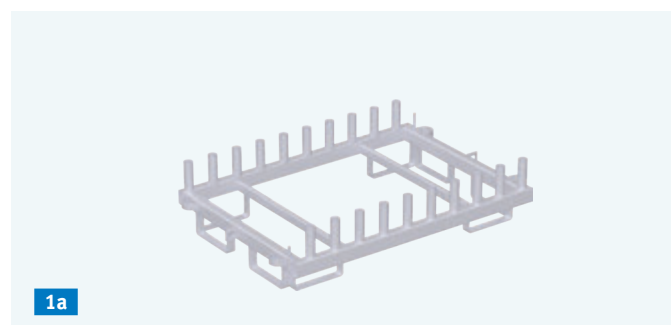


07



08

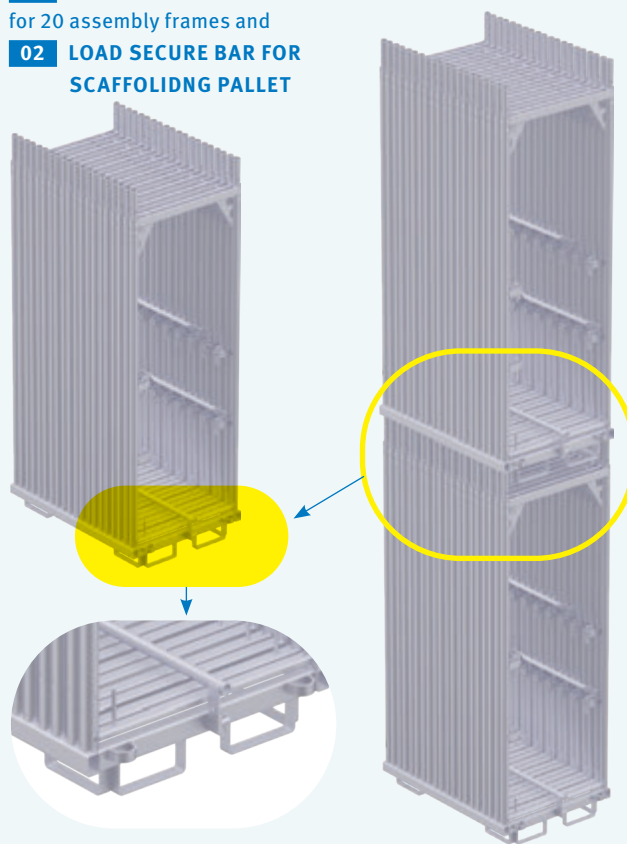
# PALLETS AND CONTAINERS



## APPLICATION EXAMPLE

**01** SCAFFOLDING PALLET  
for 20 assembly frames and

**02** LOAD SECURE BAR FOR  
SCAFFOLDING PALLET



## APPLICATION EXAMPLE

**01** SCAFFOLDING  
PALLET

### NOTE

The assembly frames are  
secured longitudinally by the  
guardrail 0.73 m.

## APPLICATION EXAMPLE

**03** MODULAR PALLET with  
**05** MODULAR SKELETON BOX





FIG.	DESCRIPTION		DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
01	<b>Scaffolding pallet +</b> steel; hot-dip galvanised  — capacity: 20 assembly frames — for storing and transporting scaffolding frames	1a	1.25 × 0.73	32.5	33 80 070
		1b	1.25 × 1.09	39.3	33 80 109
02	<b>Load secure bar for scaffolding pallet +</b> steel; hot-dip galvanised		1.25	3.1	33 86 002
03	<b>Modular pallet 53 +</b> steel; hot-dip galvanised  — with 4 lifting eyes — max. load-bearing capacity of 2.0 t per pallet — a maximum of 3 pallets can be stacked on top of each other when each pallet is loaded with the maximum load — can be lifted using crane slings, minimum length of crane slings 2.00 m — height adjustable bearing tubes for forklift loading and unloading		Outer dimensions: 1.20 × 0.80 × 0.82 Inner dimensions: 1.08 × 0.68 × 0.53	42.8	68 22 800
04	<b>Modular pallet 83</b> steel; hot-dip galvanised		Outer dimensions: 1.20 × 0.80 × 1.12 Inner dimensions: 1.08 × 0.68 × 0.83	49.5	68 22 810
05	<b>Modular skeleton box 53 +</b> steel; hot-dip galvanised  — max. load-capacity per pallet 1.5 t (in connection with 03 04 modular pallet) — a maximum of 3 pallets can be stacked on top of each other maximum load-capacity		Outer dimensions: 1.06 × 0.80 × 0.64 Inner dimensions: 1.05 × 0.79 × 0.55	34.6	68 22 900

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## PALLETS AND CONTAINERS

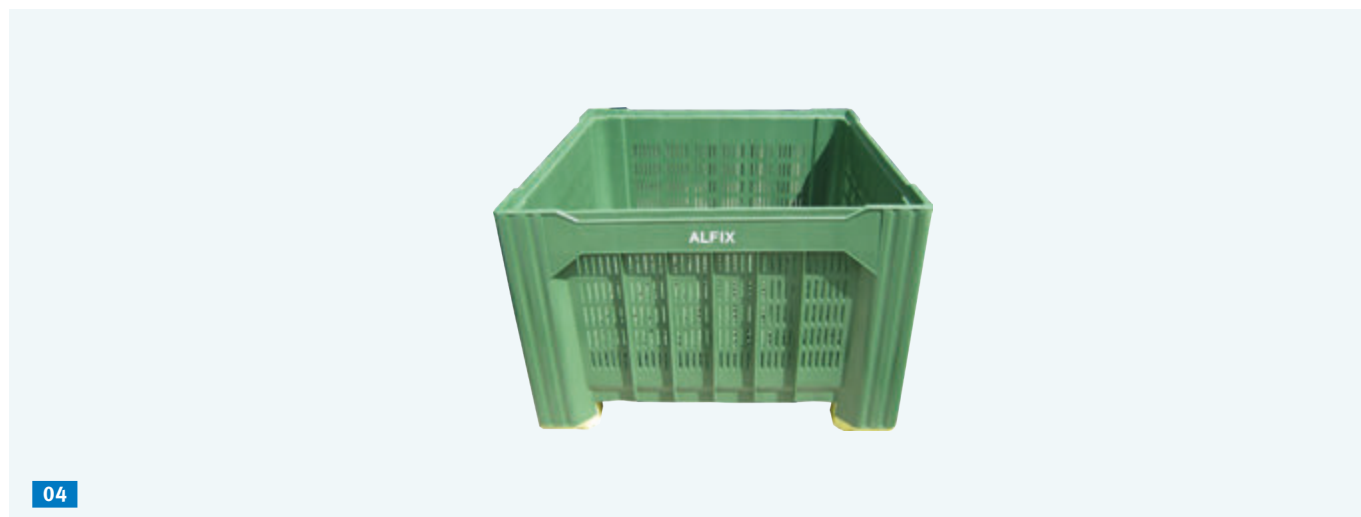
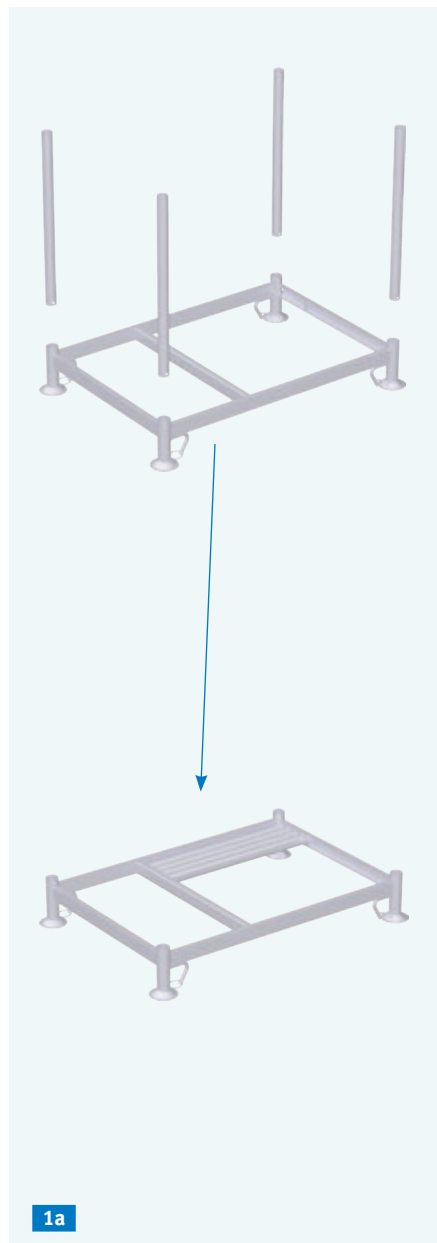


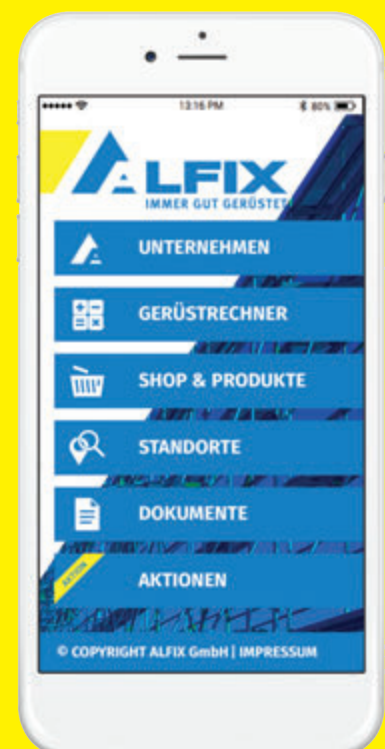
FIG.	DESCRIPTION	DIMENSIONS L/H×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
<b>01</b>	<b>Tube pallet</b> steel tube; hot-dip galvanised  — stable and secure means of storage and transport — for storing scaffolding components			
<b>1a</b>	<b>Tube pallet 125</b> with 4 detachable corner posts	Outer dimensions: 1.37 × 0.97 × 0.85 Inner dimensions: 1.12 × 0.79 × 0.62	30.5	33 80 120
<b>1b</b>	<b>Standard tube pallet 125</b> with 4 welded corner posts	Outer dimensions: 1.37 × 0.97 × 0.84 Inner dimensions: 1.20 × 0.80 × 0.65	30.2	33 80 125
<b>1c</b>	<b>Special tube pallet</b> — height adjustable bearing tubes for forklift loading and unloading	Outer dimensions: 1.37 × 0.85 × 0.65 Inner dimensions: 1.20 × 0.68 × 0.45	30.1	33 80 140
<b>02</b>	<b>Gitterpalette</b> steel, hot-dip galvanised  — steel grid side panels mesh size 50 × 50 mm	Outer dimensions: 1.27 × 0.77 × 0.74 Inner dimensions: 1.10 × 0.60 × 0.54	53.0	33 80 171
<b>04</b>	<b>Plastic container</b> plastic; green  — load-bearing capacity 500 kg; volume 650 l — stackable	1.12 × 1.12 × 0.77	34.0	33 90 003

## THE ALFIX APP:

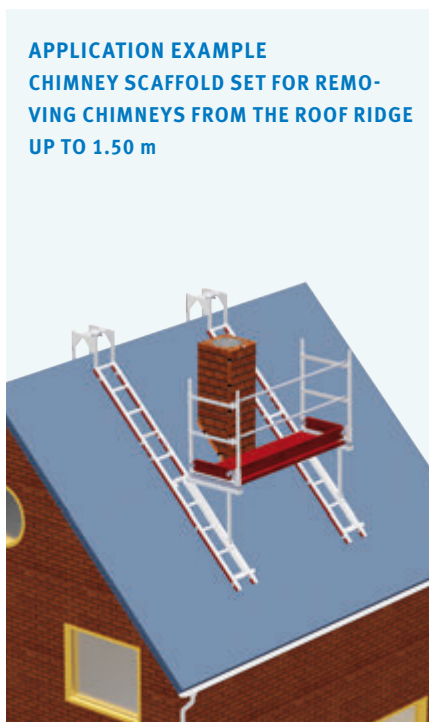
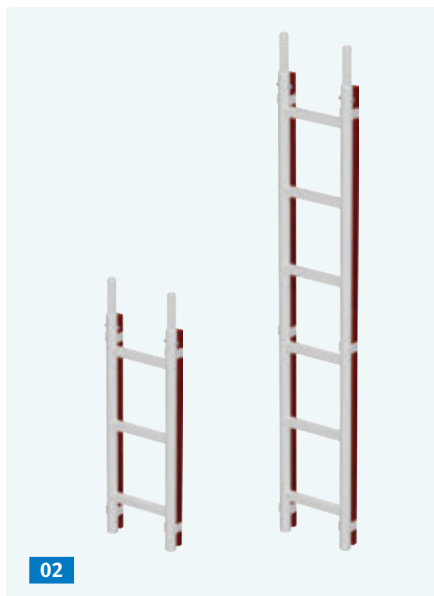
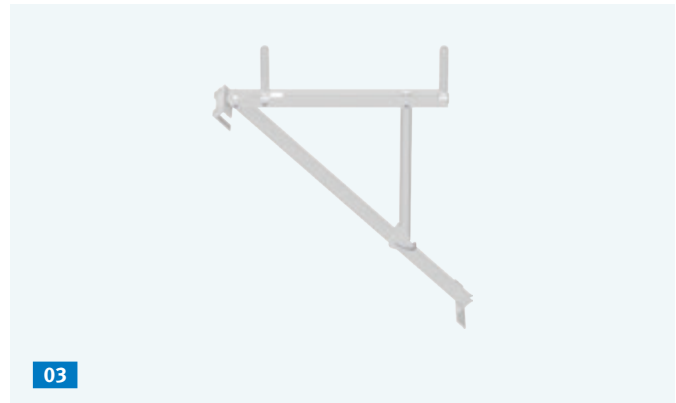
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# ROOF SCAFFOLDS, ROOF FALL PROTECTION AND ROOF TRETTLES

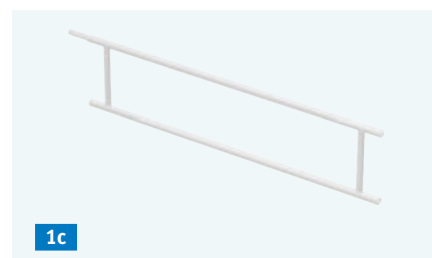
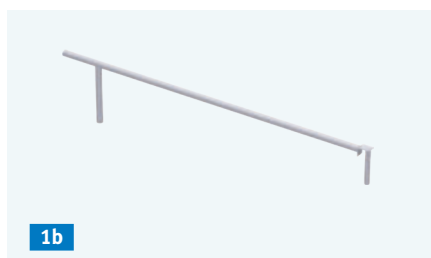


\* Illustration shows additional components which are not comprised in the package price.

FIG. DESCRIPTION		DIMENSIONS	WEIGHT	ARTICLE NO.	
		L×W [m]	approx. [kg]		
01	<b>Double sided jointed eaves roof ladder</b> aluminium with impregnated wooden support  — for roof pitches of 15° - 60 ° — load-bearing capacity: 300 kg per side	1.20 × 0.25	18.5	32 20 000	
02	<b>Extension ladder</b> aluminium with impregnated wooden support; including 2 locking pins  — connected to the double-sided jointed eaves roof ladder by means of locking pins	1.00 × 0.25	4.9	32 21 100	
		2.00 × 0.25	8.8	32 21 200	
03	<b>Roof frame</b> aluminium; including 1 special design locking pin  — as load bracket, chimney and frame scaffolding beam for roof pitches of 15° - 60° — with hinged tube connector for accommodating ALFIX / UNIFIX scaffolds — load-bearing capacity: 300 kg per piece	3a ALFIX	0.73	7.0	32 10 000
		3b UNIFIX	0.74	7.0	24 61 000
CHIMNEY SCAFFOLDS / SETS		ALFIX	UNIFIX	ALFIX	UNIFIX
Distance chimney - eave:		up to 1.50 m	1.50 m	2.00 m	2.00 m
Article number		32 29 150	32 39 150	32 29 200	32 39 200
INDIVIDUAL COMPONENTS CHIMNEY SCAFFOLD		ARTICLE NO.			
Double sided jointed eaves roof ladder 1.20 m	32 20 000	2	2	2	2
Extension ladder 1.00 m	32 21 100	—	—	—	—
Extension ladder 2.00 m	32 21 200	2	2	4	4
ALFIX roof frame	32 10 000	2	—	4	—
UNIFIX roof frame	24 61 000	—	2	—	4
ALFIX aluminium end guardrail frame	10 52 073	2	—	4	—
UNIFIX aluminium end guardrail frame	20 67 074	—	2	—	4
ALFIX guardrail 2.07 m	10 60 207	2	—	4	—
UNIFIX guardrail 2.00 m	20 60 200	—	2	—	4
ALFIX wooden support 2.07 × 0.32 m	12 31 207	2	—	4	—
UNIFIX wooden support 2.00 × 0.32 m	22 31 200	—	2	—	4
ALFIX starter transom 0.73 m	14 01 073	2	—	4	—
UNIFIX starter transom 0.74 m	24 03 070	—	2	—	4
ALFIX toeboard 2.07 m, wood	12 50 207	1	—	2	—
UNIFIX toeboard 2.00 m, wood	22 50 200	—	1	—	2
ALFIX end toeboard 0,73m, wood	12 51 073	2	—	4	-
UNIFIX end toeboard 0.74m, wood	22 51 070	—	2	—	4
— not required					
04	<b>Roof trestle +</b> aluminium; with linchpin with spring  — for roof pitches of 20° - 60° — maximum load-bearing capacity 10kN/pair — to be used only on continuous rafters with a minimum width of 6 cm	1.00	5.6	67 82 500	

# FLAT ROOF FALL PROTECTION

FIG.	PRODUCT	DIMENSIONS L×W [m]	WEIGHT approx. [kg]	ARTICLE NO.
<b>01</b>	<b>Flat roof side protection set MOBIL</b> 	4.50 × 2.50	147.6	67 12 510
	— in accordance with DIN EN 13374 – A — for use with roof pitches up to 7°			
	comprising:			
2 ×	<b>1a</b> Mobile beam steel; hot-dip galvanised	2.50	25.7	67 12 501
2 ×	<b>1b</b> Plug-in guardrail steel; hot-dip galvanised	2.50	9.5	67 12 502
2 ×	<b>1c</b> Guardrail frame aluminium	2.50	7.8	67 12 503
4 ×	<b>1d</b> Locking pin steel; galvanised			14 50 000
6 ×	<b>1e</b> Universal ballast weight 10 kg steel; hot-dip galvanised		10.0	30 20 011
2 ×	<b>1f</b> Locking washer steel; hot-dip galvanised		0.2	67 12 504
	— for securing the universal weights at the mobile beam			



## APPLICATION EXAMPLE **01** FLAT ROOF SIDE PROTECTION - MOBILE

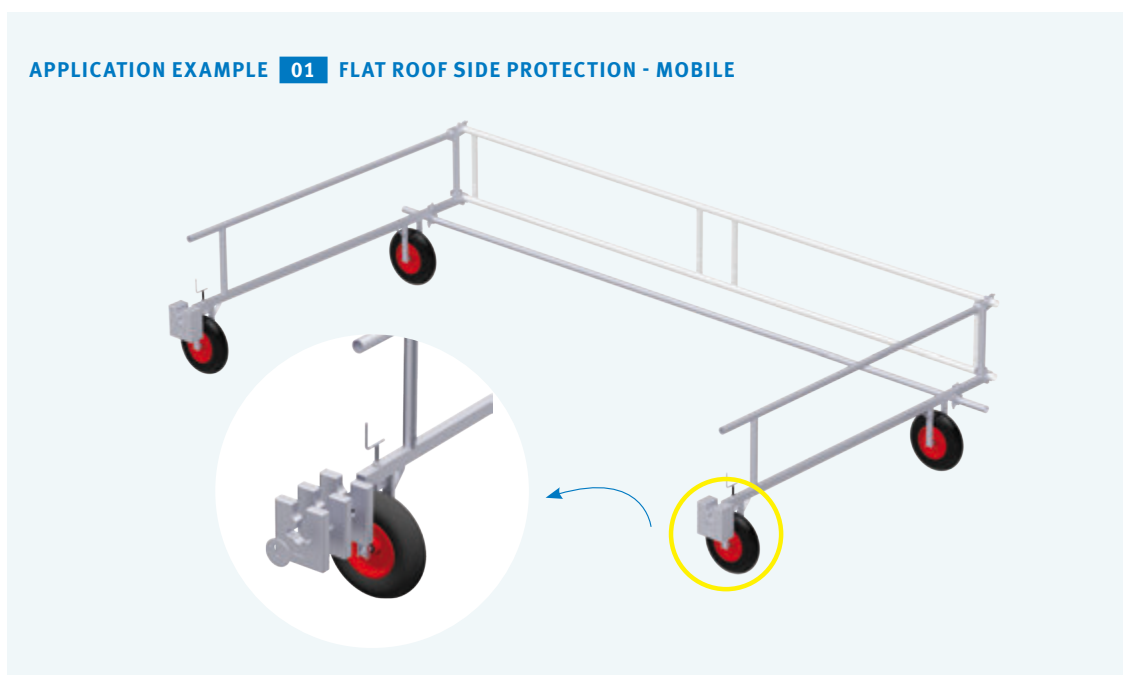
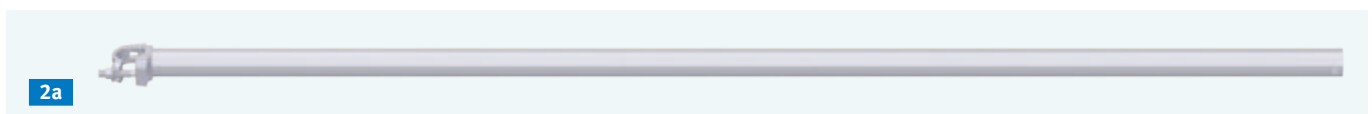
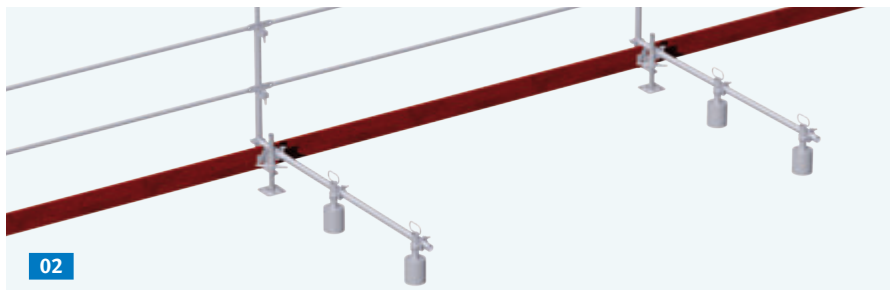
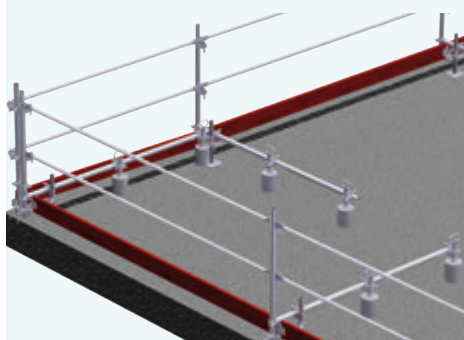




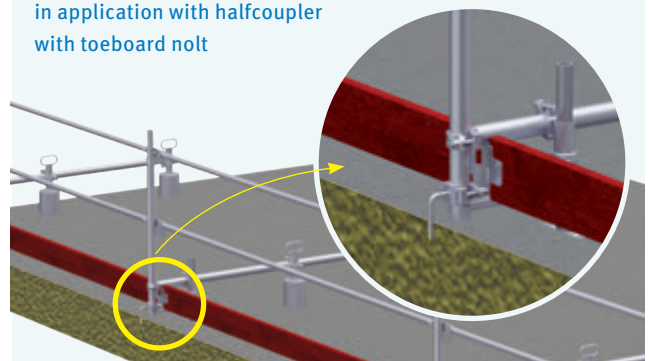
FIG.	PRODUCT		DIMENSIONS L/H/W [m]	WEIGHT approx. [kg]	ARTICLE NO.
02	<b>Flat roof fall protection</b> + all-in - one for approximately 15 running meters; comprising:		15.35	494.5	32 40 000
6 ×	<b>2a Base scaffolding tube</b> steel tube ø 48.3 mm; hot-dip galvanised	WS 19	2.00	8.0	32 40 200
—	with welded-on half coupler				
12 ×	<b>2b Ballast weight with standard coupler</b> steel; hot-dip galvanised			22.9	32 41 001
6 ×	<b>2c Special coupler</b> steel; hot-dip galvanised	WS 19		0.9	32 42 000
—	with tube fitting ø 48.3 mm				
6 ×	<b>2d Halfcoupler with toeboard bolt</b> steel; hot-dip galvanised; (not shown)	WS 19		0.6	13 13 019
6 ×	<b>2e Guardrail post, single</b> steel; hot-dip galvanised; (not shown)		1.00	5.4	10 65 100L
10 ×	<b>2f Guardrail</b> steel; hot-dip galvanised; (not shown)		3.07	5.7	10 60 307
5 ×	<b>2g Toeboard, wood</b> (not shown)		3.07	7.5	12 50 307
6 ×	<b>2h Base jack</b> steel; hot-dip galvanised; (not shown)		0.60	3.6	11 51 060



**APPLICATION EXAMPLE**  
**02 FLAT ROOF FALL PROTECTION SOLUTION FOR CORNERS**

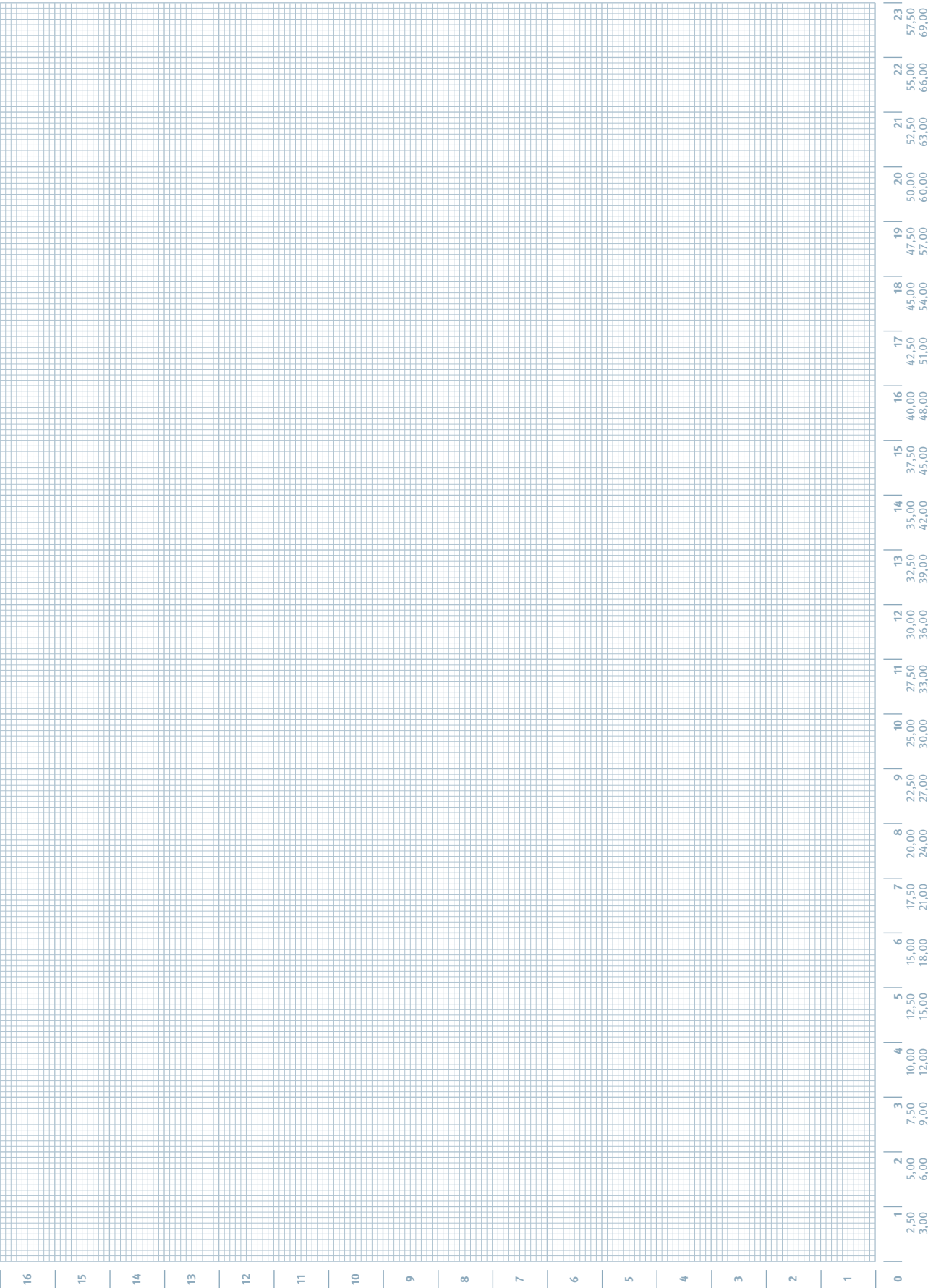


**APPLICATION EXAMPLE**  
**02 FLAT ROOF FALL PROTECTION**  
in application with halfcoupler  
with toeboard bolt



## NOTES

SKETCHES



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