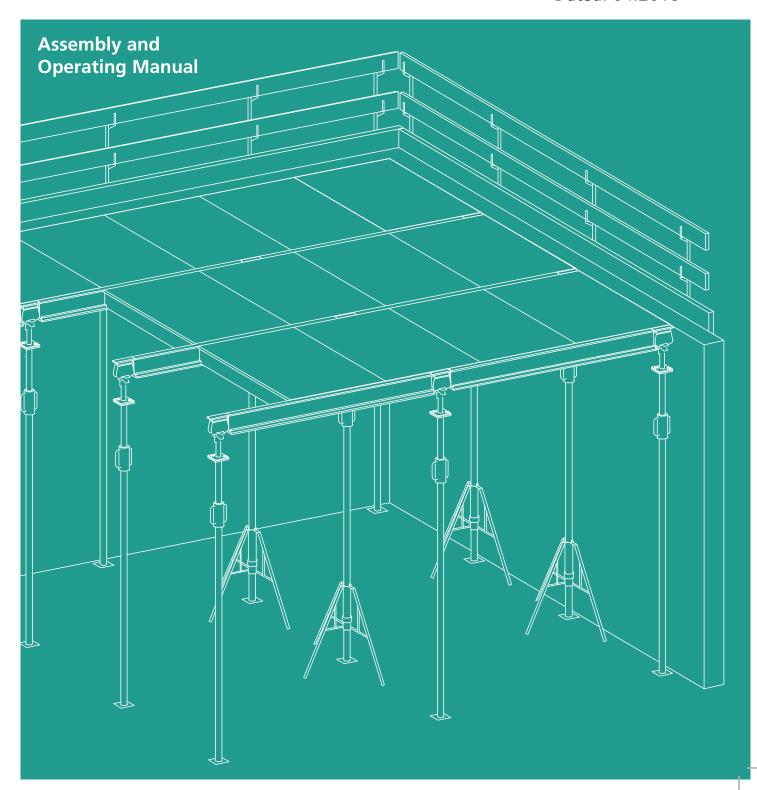


NOE®deck

Dated: 04.2018



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GSV Guidelines

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



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

■ Risk Assessment

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

■ Installation Instructions

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

Assembly Instructions

Formwork is technical work equipment which is intended for commercial use only. The intended use must take place exclusively through properly trained personnel and appropriately qualified supervising personnel. The assembly instructions are an integral component of the formwork construction. They comprise at least safety guidelines, details on the standard configuration and intended use, as well as the system description. The functional instructions (standard configuration) contained in the assembly instructions are to be complied with as stated. Enhancements, deviations or changes represent a potential risk and therefore require separate verification (with the help of a risk assessment) or a set of installation instructions which comply with the relevant laws, standards and safety regulations. The same applies in those cases where formwork and/or falsework components are provided by the contractor.

Availability of the Assembly Instructions

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

■ Representations

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

Storage and Transportation

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

Material Check

Formwork and falsework material deliveries are to be checked on arrival at the construction site/place of destination as well as before each use to ensure that they are in perfect condition

and function correctly. Changes to the formwork materials are not permitted.

■ Spare Parts and Repairs

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

■ Use of Other Products

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

■ Safety Symbols

Individual safety symbols are to be complied with. Examples:



Safety information:

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



Visual check:

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



Note:

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

■ Miscellaneous

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

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Version: 08.2009

2. System overview



2.1 System description

NOEdeck:

■ High-strength
Drop-head load up to 48 kN

■ Lightning fast
Only 1,6 components have to be fitted per m² of formwork area

■ Extra long Longitudinal girder up to 2.40 m

■ XXL
Panel dimensions up to 90 x 150 cm

Professionall
 One system, numerous options:
 with drop-head, panels and longitudinal girder

with aluminium cross-beam

■ Extra light

■ Flexible

Thanks to intelligent fitting and compensating solutions

■ Clean

Thanks to the drophead approx. 40-50% less material is necessary compared to standard deck formwork

■ Infinitely variable
Change of direction with longitudinal girders possible

Economical
 Cantilever beam solution saves on props and drop-heads

Technical Data

Panels:

Width: 90, 60, 45 cm Lenght: 150, 90 cm

Longitudinal girder:

240, 150 cm (from support axis to support axis)

Drophead:

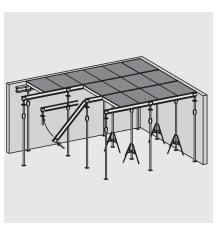
Height: 36 cm Course: 17 cm

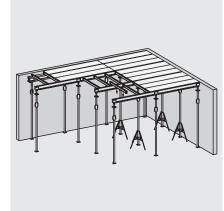
Form-facing:

NOEform, phenolic film, sealed into panel-frame with silicon mastic

Material:

Panels, longitudinal girder: High stregth aluminium-alloy Drophead: Steel-construction, galvanized

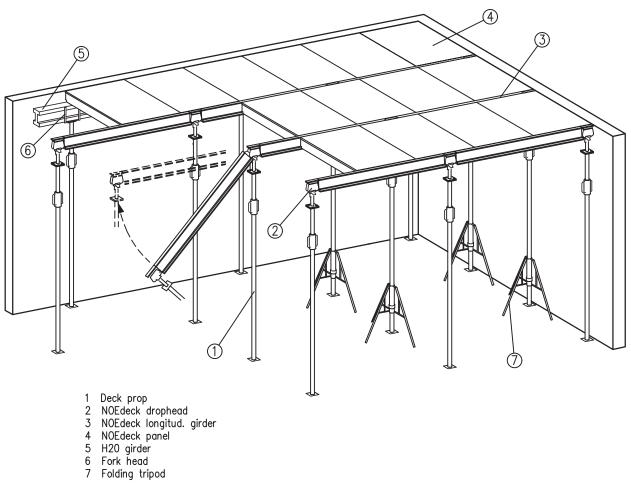




2. System overview



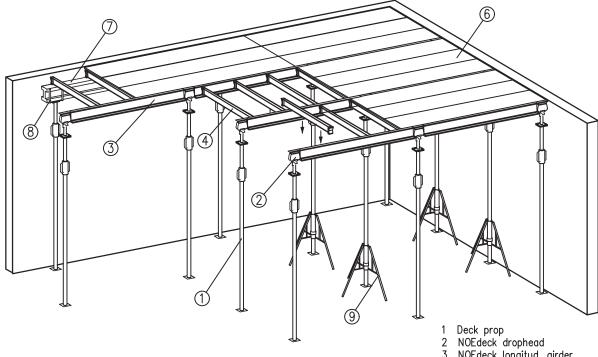
2.2 Formwork with NOEdeck panels



2. System overview



2.3 Formwork with NOEdeck compensation beams - facing between NOEdeck longitudinal girders

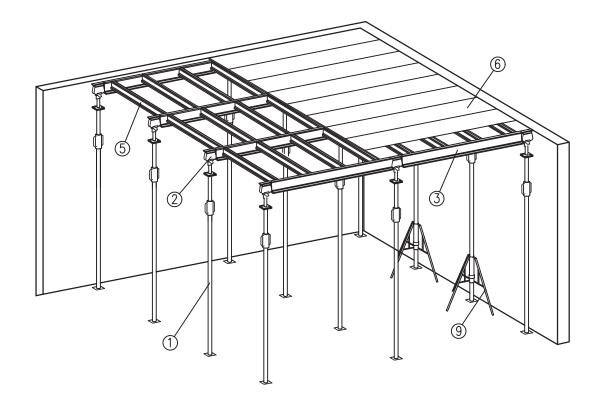


2.4 Formwork with NOEdeck cross-beams - facing continuous e.g. for high-quality surface finish requirements

NOEdeck longitud. girder NOEdeck compensation girder NOEdeck cross-beam

Facing H20 girder

8 Fork head 9 Folding tripod





The individual steps for assembly and erection are shown diagrammatically in the following pages.

In the case of a formwork proposal for which NOE has not provided a design with formwork drawings and parts lists, the panel system must still be designed. The dimensions of the panels, beams and girders, and the requirement for deck supports can be determined based on the deck thickness and height.

Refer to 4.

We recommend that formwork is erected from the edge to the middle of the deck area. For efficiency, the longitudinal and transverse walls should intersect at right angles and the layout of the girders and panels result in as few non-standard, i.e. residual areas as possible. Stripping formwork is best done starting from the compensation strips along the deck edge.

The steps are shown in full detail in the relevant sections indicated with an '--'.



Before installing the formwork, read through the assembly and operating manual and observe the safety advice given in each chapter at all times! Everyone who works with the product must receive instruction from a suitably qualified member of the site supervisory staff.



A risk analysis must be performed for all situations on site by a responsible person. Only defect—free materials are to be used. Therefore each component must be visually inspected or tested during all steps in the work!

3.1 Unloading formwork elements

- ◆ The panels are bundled on transport pallets, the props on NOE pallets and the other individual parts in NOE boxes. All these transport containers have suitable features to allow the attachment of crane lifting tackle for unloading.
 - → Refer to 13. Transporting formwork



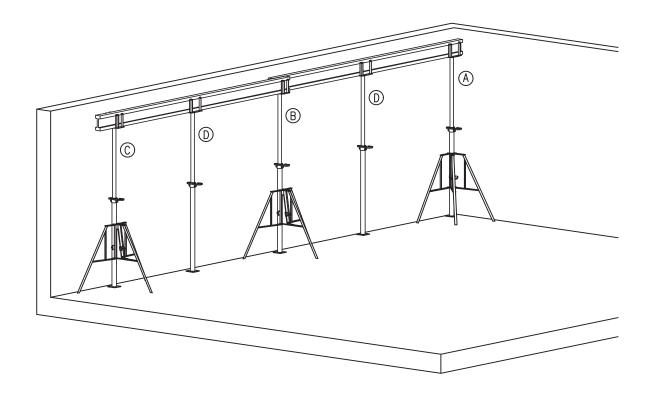
3.2 Erecting formwork

The system parts and the placing direction are given in the formwork drawing or can be taken from the formwork design done on site.

3.2.1 Installing the primary edge girders

- ◆ Preparation: Place the fork heads on to the deck props, secure them and adjust the deck props to provide the correct formwork height. When determining the correct height, take into account the construction depth of the edge girder and the NOEdeck panel.

 The of fork head = underside of deck. 340 mm when H20 primary (longituding) girders are used.
 - Top of fork head = underside of deck 340 mm when H20 primary (longitudinal) girders are used. Lay out the primary edge girders ready for use.
- ◆ Erect prop A with fork head and tripod in the corner, erect prop B with fork head and tripod at the end of the edge girder. Insert the edge girder into the fork heads.
- ◆ Continue this operation with prop C and insert the edge girder into it. Install the intermediate props D with fork head under the edge girders, so that the maximum permissible girder span is not exceeded. Repeat this process for the rest of the required length of supported edge.



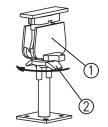


3.2.2 Installing intermediate longitudinal girders

♦ Mount the dropheads on the props, ensuring that the drop piece is at the top and the tie plates of the dropheads are locked. Adjust the installed props to the formwork height (top of NOEdeck drophead = underside of deck).

Refer to 5.1





Drop piece top, strike the tie plate clockwise and lock it.

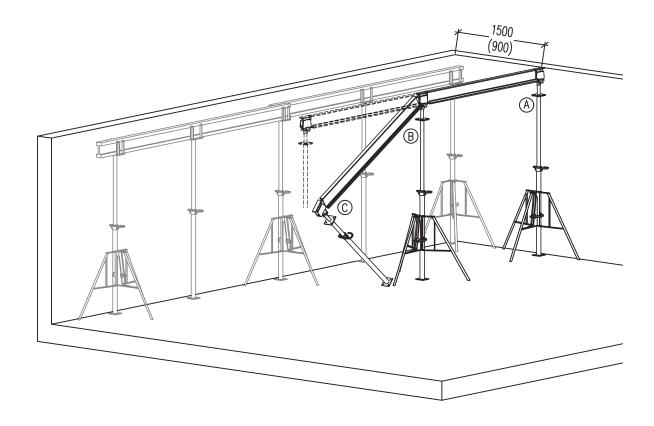
◆ Erect prop A with NOEdeck drophead at the transverse wall at a clear distance of 1500 mm (900 mm) from the longitudinal wall and secure with a tripod. For this step, the longitudinal axis of the NOEdeck drophead is parallel to the longitudinal wall.

Suspend the NOEdeck longitudinal girder loosely in the NOEdeck drophead.

Suspend prop B with the NOEdeck drophead in the NOEdeck longitudinal girder and swing the girder upwards, fully erect and secure the prop with the tripod.

◆ Suspend the next NOEdeck longitudinal girder loosely in the NOEdeck drophead of the already erected prop B (see Fig.). Place prop C on to the other end of the girder and swing the girder up with the prop. Erect the prop vertically and secure with the tripod. Repeat the process for the required length of the series of intermediate longitudinal girders. If necessary incorporate head piece for intermediate props in acc. with the table.

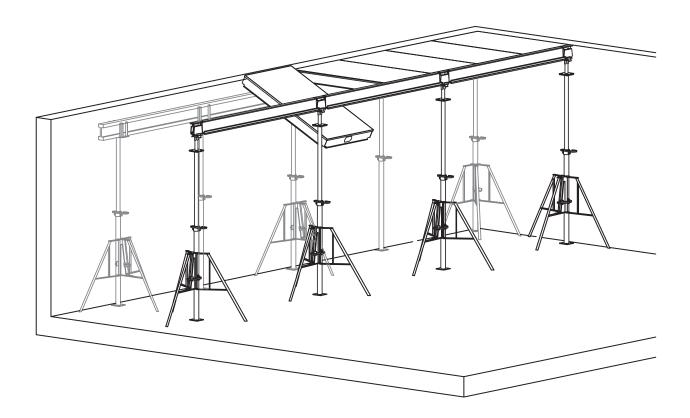
Refer to 5.2





3.2.3 Placing panels

- → Lift the NOEdeck panel up between the two series of girders. When lowering the panel, place the panel edge in the groove of the NOEdeck longitudinal girder and place the other side down on the edge girder. When placing the first panel ensure that it lies flush with the transverse and longitudinal walls.
- ◆ Place the other panels in the same way. Butt the panels up to previously laid panels.



◆ Set up the next series of girders at a centre/centre distance of 1555 mm (955 mm) and place the panels as described. If the deck area so far erected is stable at this stage, there is no need to install further tripods in the remaining series of girders.

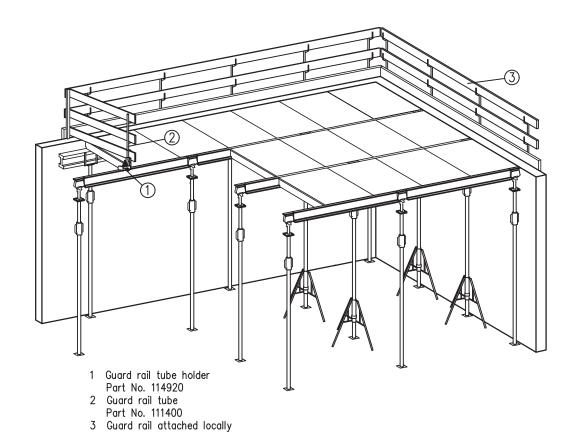


The user of the NOE system must provide a safe place from which to work on formwork at heights not reachable from the ground (e.g. platform, staging, mobile scaffold etc.)





If the panels are placed from above or people walk or spend time on them, then the user must install measures to prevent falls at the edges.

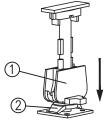


3.2.4 Stripping formwork

◆ Lower drophead by hammering. Strip the formwork by releasing the tie plate and letting the drop piece drop down.



Beware of the danger of crushing injury when the drop piece falls with the suspended NOEdeck longitudinal girders.



1 Drop piece 2 Tie plate

- ◆ Take off the NOEdeck panels.
- Take off the NOEdeck longitudinal girders.
- The props with the NOEdeck drophead remain as back supports until the concrete has cured. Then dismantle by lowering the deck props.

4. Design table for prop loads





When selecting the system dimensions always observe the max. deck thicknesses for the NOEdeck panels and NOEdeck cross—beams (see adjacent tables).

Observe the max. permissible. prop load when selecting the props to suit the formwork height!

4.1 For Longitudinal girder 2400 and 1555 mm

◆ Prop load in kN for various system dimensions

Slab thickness	Load in acc. with DIN EN 12812	Longitudin	L1/L2 L1/L2 L1/L2 L1/L2 Longitudinal girder 2400/1555 L1/L2 Longitudinal girder 1555/1555						55/1555	
(mm)	(kN/m²)	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2
	` ′ ′	1500/1500	1500/900	900/900	1500/1500	1500/900	900/900	1500/1500	1500/900	900/900
100	4,4	16,2	13,1	10,0	13,4	10,8	8,2	10,5	8,5	6,5
120	4,9	18,1	14,6	11,1	14,9	12,0	9,2	11,7	9,5	7,2
140	5,4	20,0	16,1	12,3	16,5	13,3	10,1	12,9	10,4	7,9
160	5,9	21,8	17,6	13,4	18,0	14,5	11,0	14,1	11,4	8,7
180	6,4	23,7	19,1	14,6	19,5	15,8	12,0	15,4	12,4	9,4
200	6,9	25,6	20,6	15,7	21,1	17,0	12,9	16,6	13,4	10,2
220	7,4	27,4	22,1	16,8	22,6	18,2	13,9	17,8	14,3	10,9
240	7,9	29,3	23,6	18,0	24,1	19,5	14,8	19,0	15,3	11,7
260	8,4	31,2	25,2	19,1	25,7	20,7	15,8	20,2	16,3	12,4
280	8,9	33,0	26,7	20,3	27,2	22,0	16,7	21,4	17,3	13,1
300	9,4	34,9	28,2	21,4	28,8	23,2	17,7	22,6	18,2	13,9
350	10,7	40,0	32,3	24,6	33,0	26,6	20,3	25,9	20,9	15,9
400	12,1	45,2	36,4	27,7	37,2	30,0	22,9	29,3	23,6	18,0
450	13,5	_	40,6	30,9	41,4	33,4	25,4	32,6	26,3	20,0
500	14,9	_	44,7	34,0	45,7	36,9	28,0	35,9	29,0	22,1
600	17,6	_	_	40,3	_	43,7	33,2	42,6	34,3	26,1
700	20,4	_	1	46,6	_	_	38,4	_	39,7	30,2
800	22,9	_	_	_	_	_	43,2		44,6	33,9

4.2 For Longitudinal girder 2100 and 1555 mm

◆ Prop load in kN for various system dimensions

Slab thickness	Load in acc. with DIN EN 12812	Longitudino	L1/L2 al girder 210	0/2100	L1/L2 Longitudinal girder 2100/1555			L1/L2 L1/L2 Longitudinal girder 2100/1555 Longitudinal girder 1555/1555		
(mm)	(kN/m²)	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2	B1/B2
_ ` '		1500/1500	1500/900	900/900	1500/1500	1500/900	900/900	1500/1500	1500/900	900/900
100	4,4	14,2	11,5	8,7	12,4	10,0	7,6	10,5	8,5	6,5
120	4,9	15,8	12,8	9,7	13,8	11,1	8,5	11,7	9,5	7,2
140	5,4	17,5	14,1	10,7	15,2	12,3	9,3	12,9	10,4	7,9
160	5,9	19,1	15,4	11,7	16,6	13,4	10,2	14,1	11,4	8,7
180	6,4	20,7	16,7	12,7	18,0	14,6	11,1	15,4	12,4	9,4
200	6,9	22,4	18,1	13,7	19,5	15,7	12,0	16,6	13,4	10,2
220	7,4	24,0	19,4	14,7	20,9	16,9	12,8	17,8	14,3	10,9
240	7,9	25,6	20,7	15,7	22,3	18,0	13,7	19,0	15,3	11,7
260	8,4	27,3	22,0	16,7	23,7	19,2	14,6	20,2	16,3	12,4
280	8,9	28,9	23,3	17,7	25,1	20,3	15,4	21,4	17,3	13,1
300	9,4	30,5	24,6	18,8	26,6	21,4	16,3	22,6	18,2	13,9
350	10,7	35,0	28,3	21,5	30,5	24,6	18,7	25,9	20,9	15,9
400	12,1	39,5	31,9	24,3	34,4	27,8	21,1	29,3	23,6	18,0
450	13,5	44,0	35,5	27,0	38,3	30,9	23,5	32,6	26,3	20,0
500	14,9	_	39,1	29,8	42,2	34,1	25,9	35,9	29,0	22,1
600	17,6	_	46,6	35,3	_	40,4	30,7	42,6	34,3	26,1
700	20,4	_	_	40,8	_	46,7	35,5	_	39,7	30,2
800	22,9	_	-	45,8	_	_	39,9	_	44,6	33,9

4. Design table for prop loads



4.3 Table for NOEdeck panels

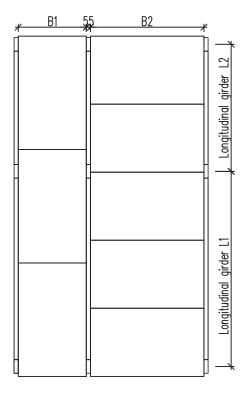
Span (mm)	Panel width (mm)	Max. deck thickness (mm)
1500	900	400
	600	600
	450	800
900	1500 *	800
	900 / 600 / 450	800

^{*} Panel 1500/900 mm turned, value also applies to panels 1500/600 and 1500/450 mm

4.4 Table for cross-beams

Span (mm)	Distance (mm)	Max. deck thickness (mm)
1500	750 625 500 400	450 550 700 800
900	750	800

◆ Schematic view from above



◆ Permissible loads as per DIN EN 12812

Formwork Weight : q = 0.35 kN/m

v = 0.75 kN/m (Load Class 1)Live Loads

: $b = 25 \times d \, kN/m$ Concrete Load Fill Weight Concrete : $p = 0.1 \times b \text{ kN/m}$

 $0.75 \le p \le 1.75 \text{ kN/m}$

Load : q = q + v + b + p

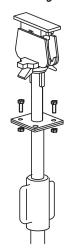
The permissible prop spacings depend on the selected NOEdeck longitudinal girders. Please ensure that the load obtained from the table does not exceed the max. permissible load of the prop used. A calculation on site must be made for the props at the edge girders.

5. NOEdeck drophead and head piece



5.1 NOEdeck drophead

5.1.1 Mounting of the head on the deck prop



Attaching the NOEdeck drophead:

- To steel tubular props :

2 No. M10x40 Part No. 311100

– To NOE aluminium props :

2 No. M16x40 Part No. 313400

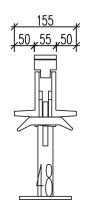
5.1.2 Load and dimensions



The NOEdeck drophead must carry vertical loads only, and the tie plate must be locked in the correct position for concreting!

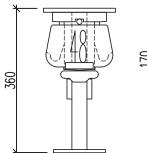
—► Refer to 3.2.2

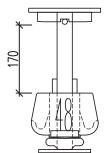
Permissible load: 48 kN (observe prop load!)





The NOEdeck drophead projects right and left 50 mm beyond the width at the top, i.e. the clear distance to the wall or prop is min. 60 mm. 2 girders must have a min. clear distance of 105 mm.







The overall height of the head is 360 mm (Top of head = underside of deck).

The lowering distance is 170 mm.

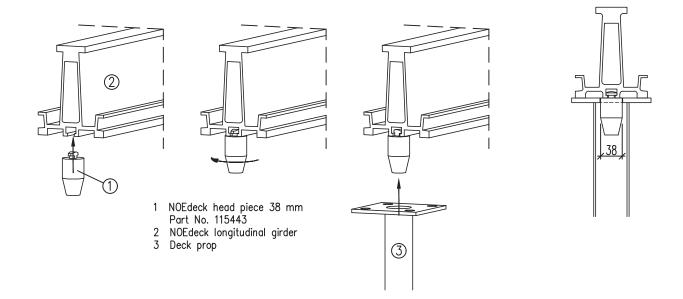
5. NOEdeck drophead and head piece



5.2 NOEdeck head piece

5.2.1 Mounting of the NOEdeck head piece

- ◆ The head piece is inserted into the girder if the girder requires an intermediate support and at projecting girder ends.
- ♦ Insert the head piece into the central groove in the middle of the girder and rotate to fix in place. After installing the girder, the deck prop providing the intermediate support can be pushed onto the head piece from below.

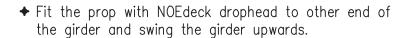


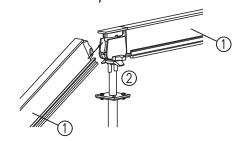
6. Installation of NOEdeck longitudinal girder and NOEdeck panel

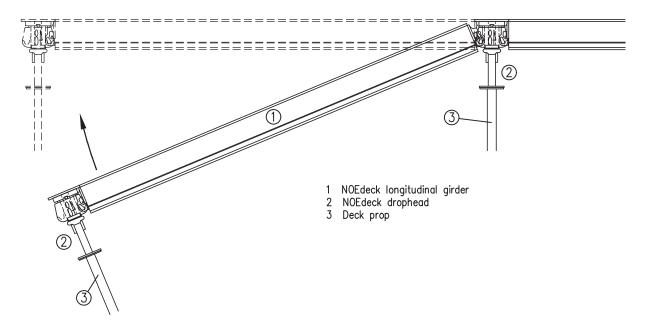


6.1 Suspending the NOEdeck longitudinal girder in the NOEdeck drophead

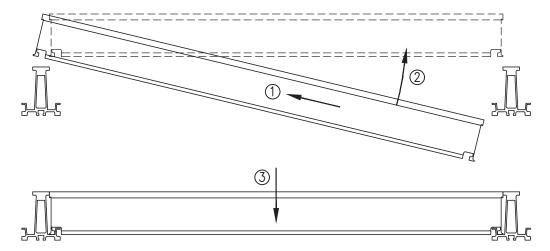
◆ Push the NOEdeck longitudinal girder from below into the slot of the NOEdeck drophead and suspend it from there.







6.2 Suspending the NOEdeck panels in the NOEdeck longitudinal girder



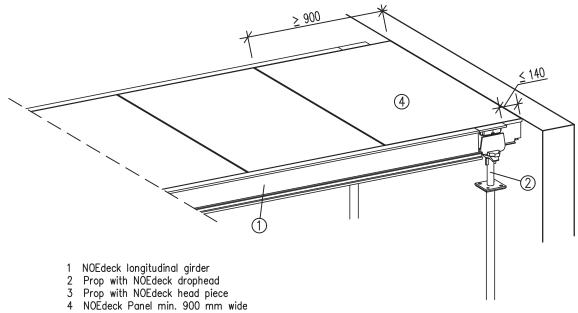
- 1. Move the panel at an angle upwards from below
- 2. Rotate the panel so that it is horizontal
- 3. Lower the panel into the groove of the girder

The NOEdeck panels can be slid along the girders.

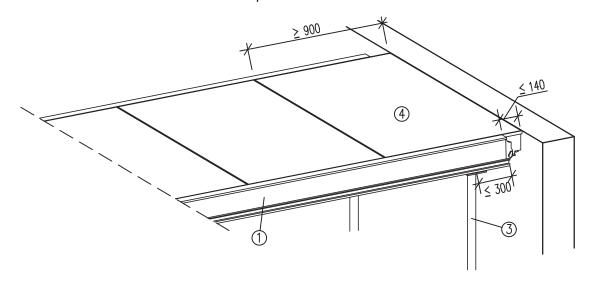
7. Remaining dimensions for longitudinal girder



- 7.1 With an overlap beyond the NOEdeck drophead or NOEdeck longitudinal girder without additional measures
- 7.1.1 NOEdeck drophead on girder end



- 7.1.2 Girder end with NOEdeck head piece





The overlap of the NOEdeck panels at the NOEdeck drophead or NOEdeck longitudinal girder must not exceed 140 mm.

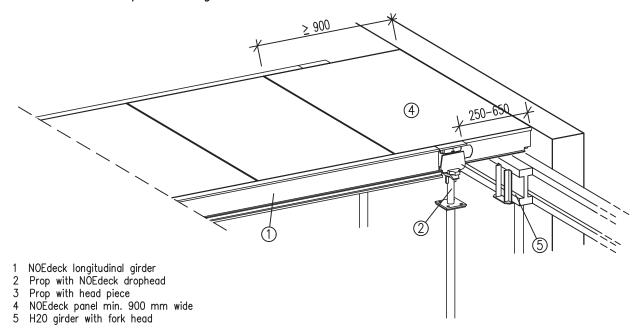
The projecting panel must have a width of at least 900 mm.

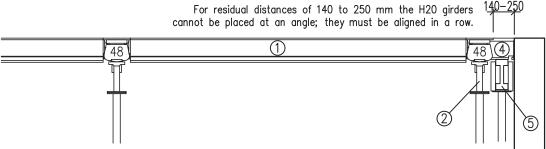
ATTENTION: Danger of overturning in adverse loading conditions on the panel edge.

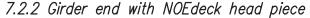
7. Remaining dimensions for longitudinal girder

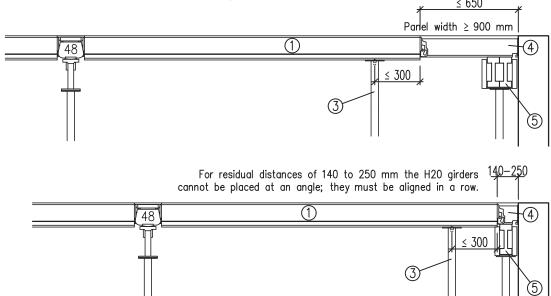


- 7.2 With an overlap of the NOEdeck panels beyond the NOEdeck drophead or NOEdeck longitudinal girder with additional edge girder
- 7.2.1 NOEdeck drophead at girder end





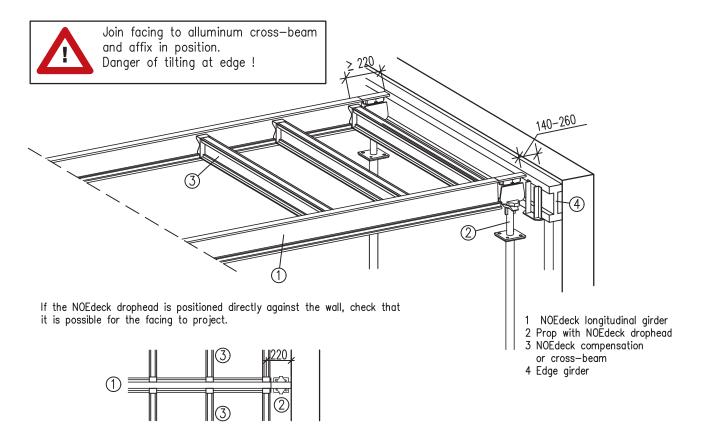




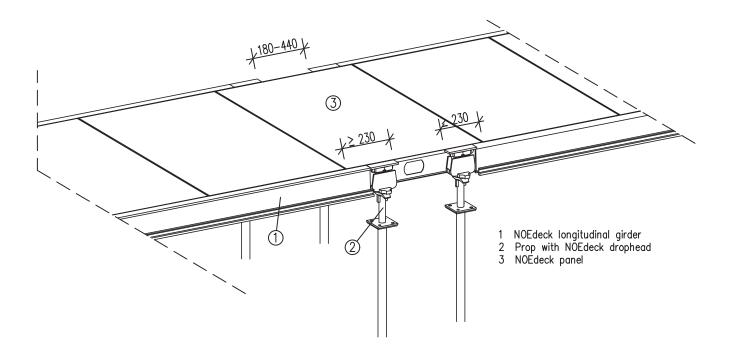
7. Remaining dimensions for longitudinal girder



7.3 Overlaps when using NOEdeck compensating and cross-beams



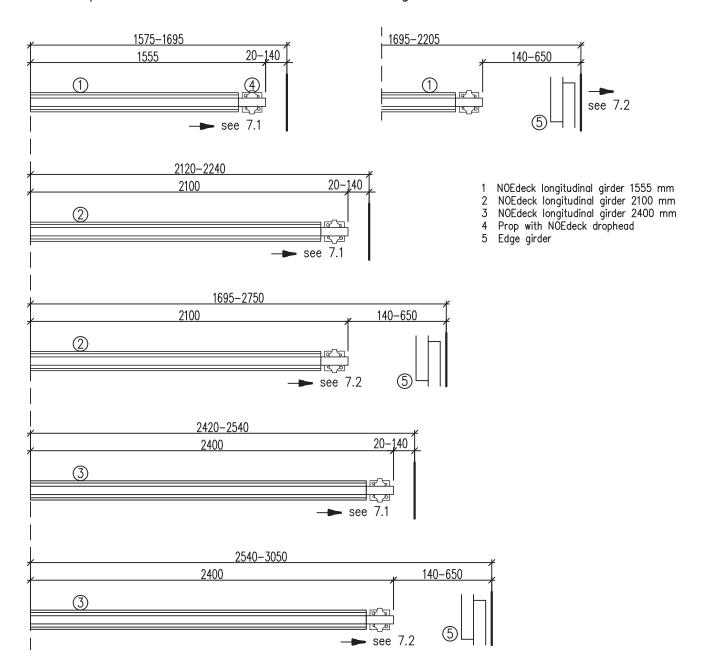
7.4 Joining series of girders



7. Remaining dimensions for longitudinal girder



7.5 Examples for residual distances for series of girders



A residual distance of 3050 mm to 3130 m (= 2x1555+20 mm) cannot be filled using the solutions shown above.

In this scenario, the residual distance must be reduced by selecting another arrangement of girders or the series of girders must be joined at another position.

→ see 7.4

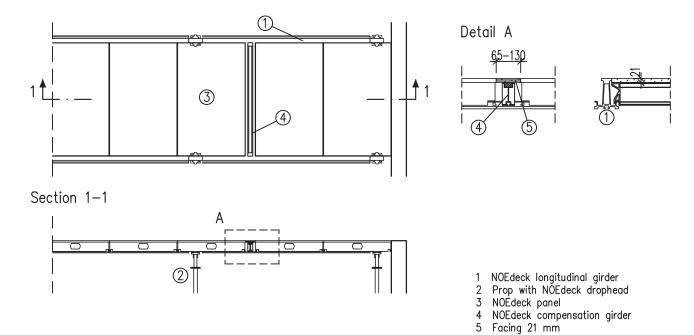
8. Compensation between NOEdeck panels



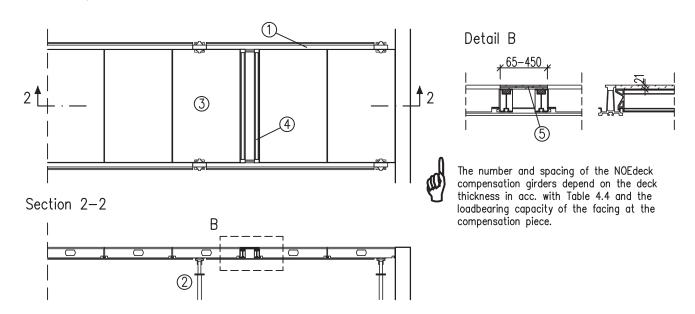
8.1 Compensation with NOEdeck compensating girder

♦ The NOEdeck panels should always come up to the wall and residual distances be filled by compensation measures within the deck area using NOEdeck compensation beams. This process is also recommended for the surrounding components (e.g. columns).

8.1.1 Compensations 65-130 mm



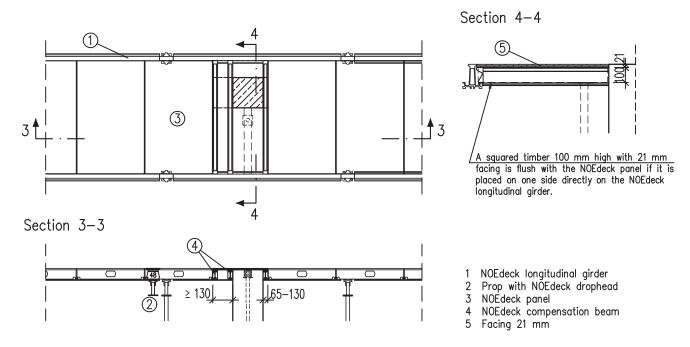
8.1.2 Compensation from 130 mm



8. Compensation between NOEdeck panels



8.1.3 Forming columns with the deck





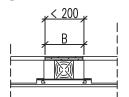
Depending on the arrangement of the NOEdeck panels, one or more NOEdeck compensation beams can be positioned to the side of the columns. The propping requirements for the area of deck near the column depend on the deck thickness and the loadbearing capacity of the facing used at the residual area.

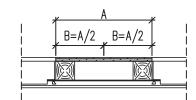
8.2 Compensation with squared timber

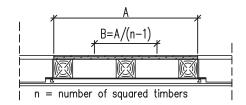
→ Compensation pieces formed with squared timbers 100 mm high and 21 mm facing can be generally used as mentioned above with NOEdeck compensation beams. The permissible influence widths for squared timbers 100x100 mm for a longitudinal spacing of 1500 mm can be obtained from the tables below.



The permissible span of the facing must be taken into account when determining the actual spacings.







deck thickness	Load in acc. with DIN EN 12812	Permissible Influence width B for squared timber 100x100 mm
(mm)	(kN/m²)	(mm)
100	4,5	840
120	5,0	750
140	5,5	680
160	6,1	620
180	6,6	570
200	7,1	530
220	7,6	490
240	8,1	460
260	8.7	430

		Permissible Influence
deck	Load in acc. with	width B for squared
thickness	DIN EN 12812	timber 100x100 mm
(mm)	(kN/m²)	(mm)
280	9,2	410
300	9,8	380
350	11,3	330
400	12,9	290
450	14,5	260
500	16,0	230
600	19,1	190
700	22,2	170
800	25,4	140

8. Compensation between NOEdeck panels



8.3 Compensation between NOEdeck panels with NOEdeck compensation bridge

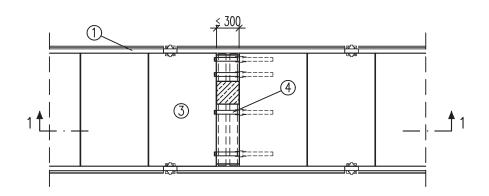
♦ NOEdeck compensation bridges can be suspended below in the NOEdeck panels to connect the panels to resist tension and compression loads.

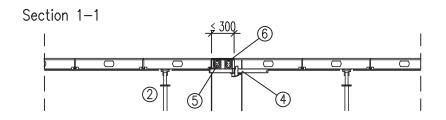
This allows NOEdeck panels to be positioned directly against columns or other components, without additional supports.



The max. width for the use of NOEdeck compensation bridges at NOEdeck panels is 300 mm for a maximum deck thickness of 300 mm.

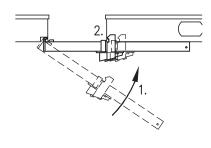
Use at least 2 compensation bridges for each separate area of compensation formwork.



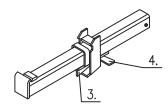


- 1 NOEdeck longitudinal girder
- 2 Prop with NOEdeck drophead
- 3 NOEdeck panel
- 4 NOEdeck Compensation bridge Part No. 112900
- 5 Squared timber 120x100 mm
- 5 Facing 21 mm

Attaching the NOEdeck compensation bridge



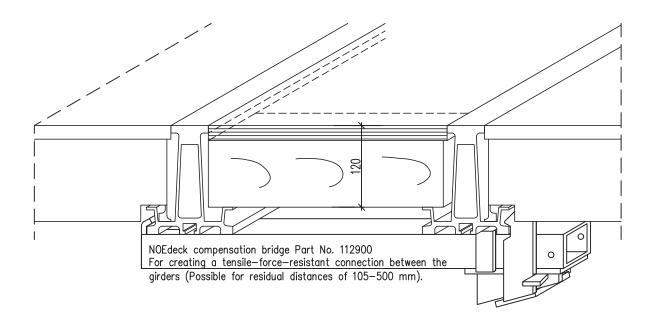
- Suspend the fixed end of the compensation bridge in the NOEdeck panel or longitudinal girder and swing the compensation bridge upwards.
- 2. Suspend the sliding part from the other side.
- 3. Drive in the bottom wedge to tighten the compensation bridge.
- 4. Drive in the side wedge to prevent the bottom wedge from becoming displaced.

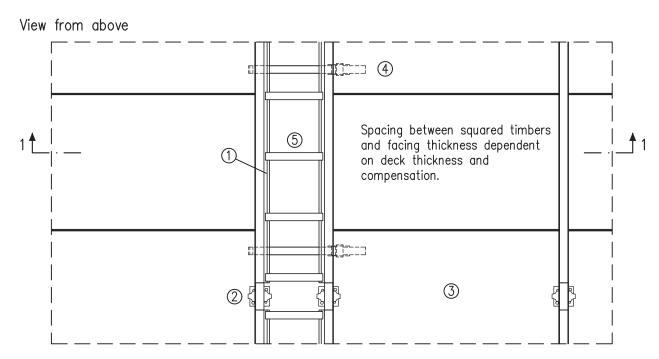


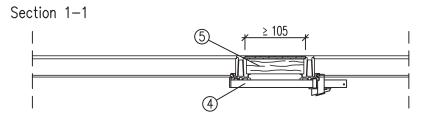
9. Compensation with NOEdeck longitudinal girders



9.1 Compensation between longitudinal girders with squared timber For residual distances from 105 mm







- NOEdeck longitudinal girder Prop with NOEdeck drophead NOEdeck panel
- NOEdeck compensation bridge Part No. 112900
- 5 Squared timber with facing

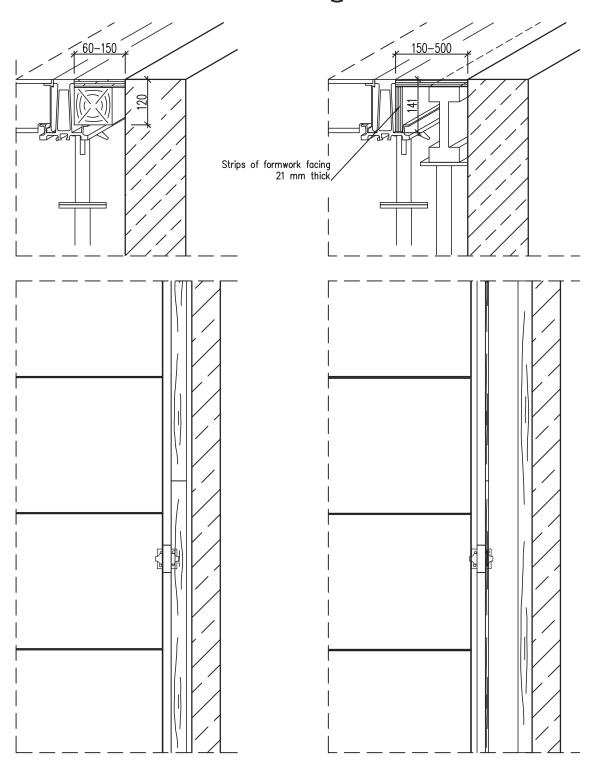
9. Compensation with NOEdeck longitudinal girders



- 9.2 Compensation between NOEdeck longitudinal girder and wall
- 9.2.1 Compensation with squared timber For residual distances of 60-150 mm
- 9.2.2 Filler piece with edge girder For residual distances of 150-500 mm



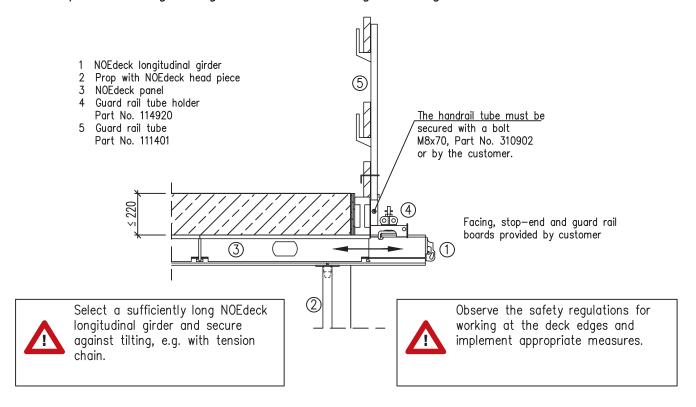
The residual distance depends on the deck thickness and the loadbearing capacity of the facing used at the residual

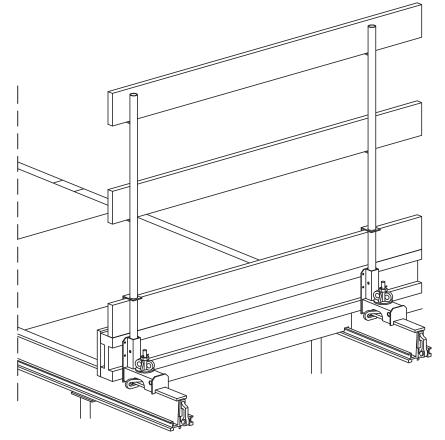


10. Deck edge formwork with exposed deck edges



10.1 Stop-end at right angles to NOEdeck longitudinal girder

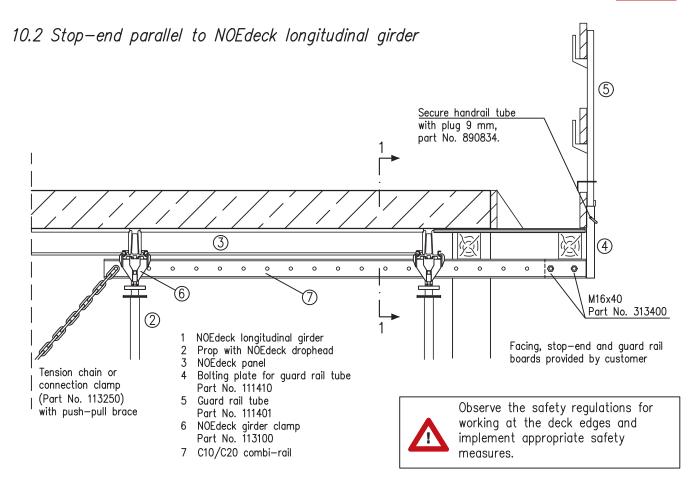


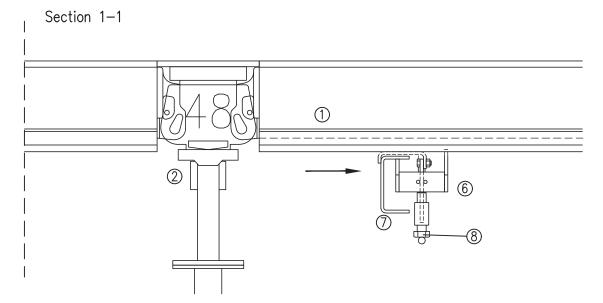


The handrail tube holder be slid along the aluminium longitudinal girder as required. With the help of the Sprint, it is clamped firmly in place on the girder.

10. Deck edge formwork with exposed deck edges







Mounting the girder clamp

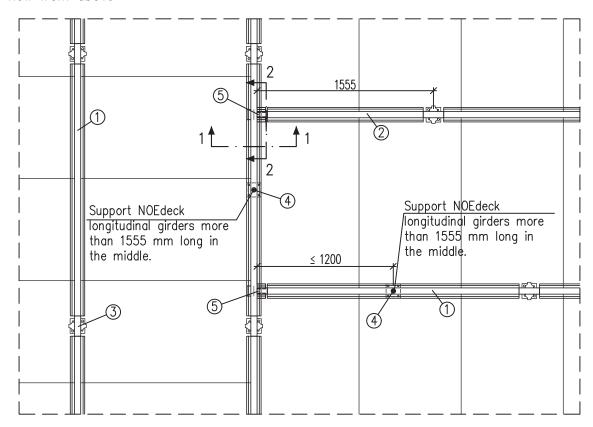
- 1. Fit girder clamp (6) on to NOEdeck longitudinal girder (1).
- 2. Suspend NOEdeck longitudinal girder in NOEdeck drophead (2).
- 3. Suspend combi-rail (7) in girder clamp.
- 4. Tighten adjusting bolt (8).

11. Methods of connecting NOEdeck longitudinal girders



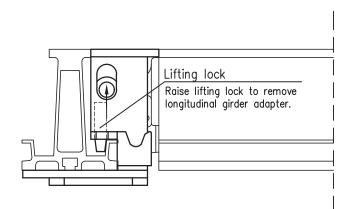
11.1 Transverse to girder span direction for deck thicknesses up to 400 mm

View from above

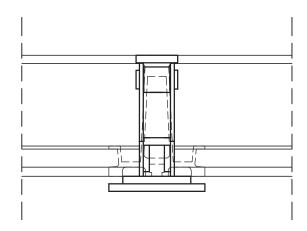


- 1 NOEdeck longitudinal girder 2400 mm 2 NOEdeck longitudinal girder 1555 mm
- 3 Prop with NOEdeck drophead
- Prop with NOEdeck head piece
- Longitudinal girder adapter Part No. 115430, For deck thickness \le 400 mm

Section 1-1



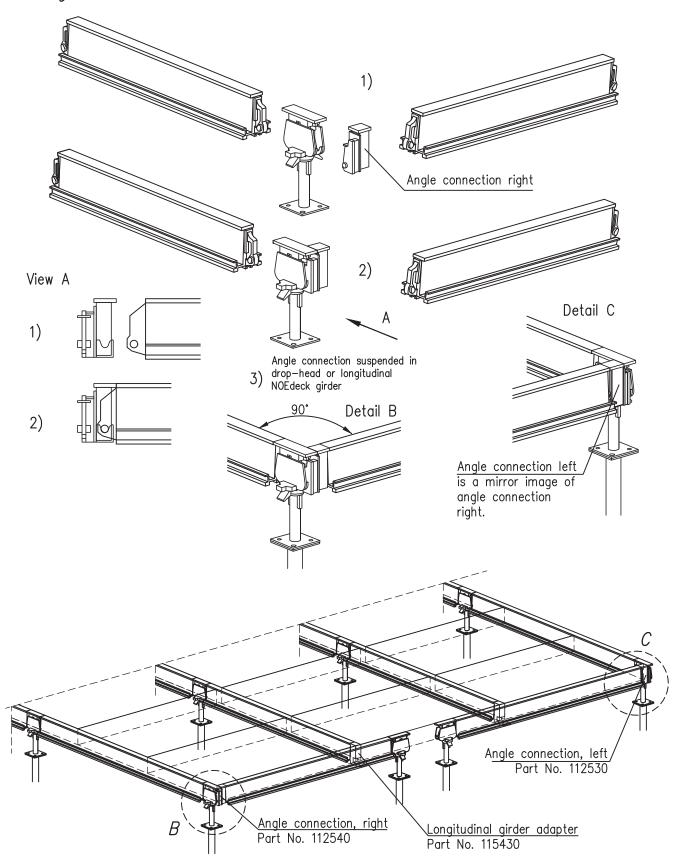
Section 2-2



11. Methods of connecting NOEdeck longitudinal girders



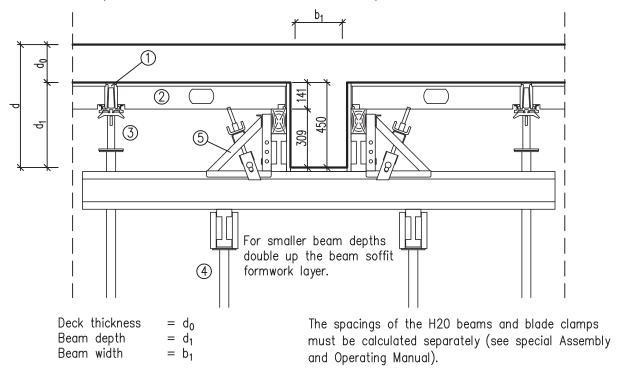
11.2 Angle connection



12. Formwork solutions



12.1 Beams up to 450 mm with NOE blade clamps

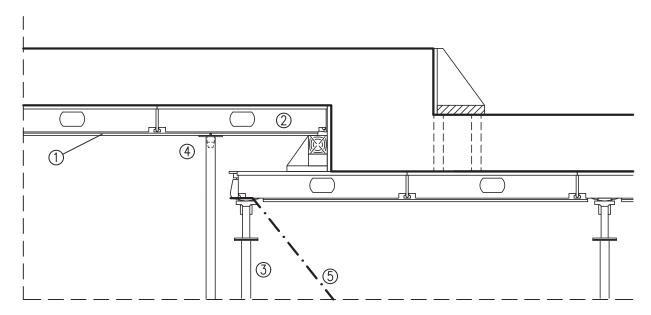


- 12.2 Beams of 450 up to 700 mm with NOE blade clamps and extension
- NOEdeck longitudinal girder
- NOEdeck panel
- Prop with NOEdeck drophead
- 4 Prop with fork head 5 Blade clamp 300 mm
- Part No. 110800 Beam extension 600 mm Part No. 110810
- 1 2 6 ō

12. Formwork solutions



12.3 Deck jump



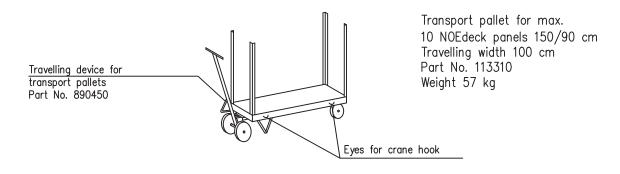
- NOEdeck longitudinal girder
 NOEdeck panel
 Prop with NOEdeck drophead
 Prop with head piece
 Tie

13. Formwork transport



13.1 Transporting NOEdeck panels with transport pallet

◆ The NOEdeck panels can be stacked directly on to the transport pallet. The transport pallet can be steered with the travelling device and picked up with a crane. A 4—rope lifting sling can be hooked to the lifting eyes.

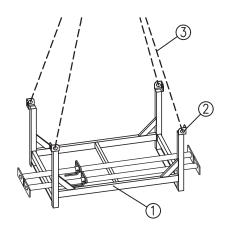




The transport pallet must be used solely for the transport of NOEdeck panels on site.

13.2 Transport of deck props with the NOE pallet for deck props

◆ To ensure that can be transported safely, the deck props and other longer accessories must be stacked or bundled on NOE pallets when being loaded or unloaded.





Max. total weight per pallet: 16.5 kN (1650 kg)!

Observe the provisions of the operating instructions when using the NOE pallet!

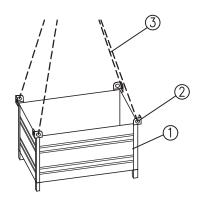
- 1 NOE pallet for deck prop Part No. 697599
- 2 Eye for attaching crane hooks
- 3 Sling rope

13. Formwork transport



13.3 Transport of small items with NOE box

◆ Use NOE boxes to transport small items (dropheads, angle connectors, etc.) securely.





Max. total weight per box: 20 kN (2000 kg)!

Observe the provisions of the operating instructions when using the NOE box!

Longer accessories such as tripods, guard rail post tubes must be bundled with steel straps so that they can be transported safely.

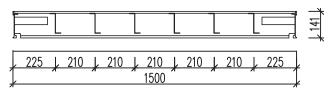
- 1 NOE box 1180X780 mm Part No. 697598 Weight 78 kg
- 2 Eye for attaching crane hook
- 3 Sling rope

14. Individual parts



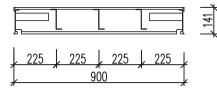
NOEdeck panels





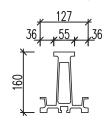
Width (mm)	Part No.	Weight (kg)	Area (m²)
900	115312	22.3	1.35
600	115322	16.7	0.9
450	115332	10.9	0.675

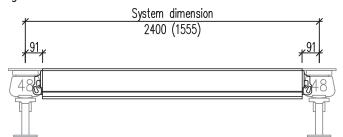
Length 900 mm



Width (mm)	Part No.	Weight (kg)	Area (m²)
900	115342	14.7	0.81
600	115352	11.0	0.54
450	115362	7.2	0.405

NOEdeck Longitudinal girder





System dimension	=	distance	from	drop-head	axis	to
drop-head axis						

 System dimension (mm)
 Part No.
 Weight (kg)

 2400
 115402
 22,6

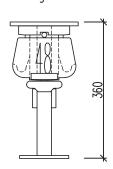
 2100
 115401
 20,3

 1550
 115407
 14,7

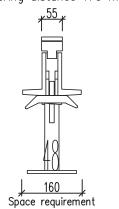
NOEdeck drop-head 48 kN

Permissible load 48 KN Part No. 112520

Weight 8.0 kg

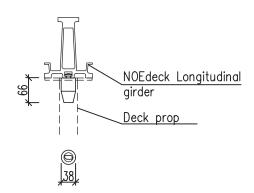




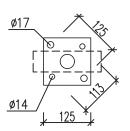


NOEdeck head piece 38 mm

Part No. 115443 Weight 0.1 kg



For attaching deck props to a NOEdeck longitudinal girder.



Mounting on ADS support or NOEprop with 2 M16x40 Part No. 313400

Mounting on steel—tube support with 2 M10x40 Part No. 311100

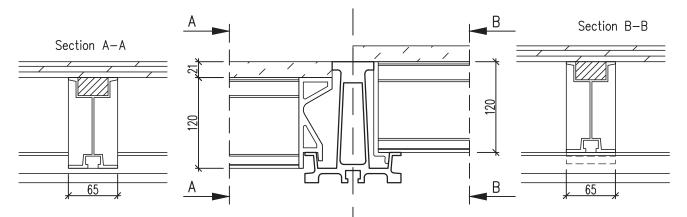
14. Individual parts



NOEdeck compensating girder for compensation and drop—head system NOEdeck cross-beam for continuous facing

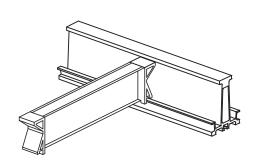
Upper edge of NOEdeck compensating girder 21 mm lower than longitudinal girder

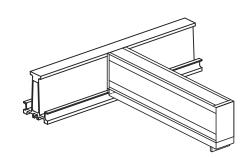
Upper edge of NOEdeck cross-beam = upper edge of longitudinal girder



Facing is on compensating girder between the longitudinal girders

Facing is on cross-beam and longitudinal girder





		Weight
Designation	Part No.	(kg)
NOEdeck compensating girder 1500	115416	3,7
NOEdeck compensating girder 900	115412	2,5

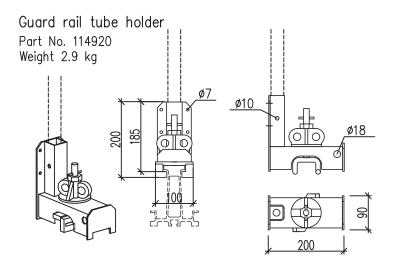
		Weight
Designation	Part No.	(kg)
NOEdeck cross-beam 1500	115414	3,6
NOEdeck cross-beam 900	115410	2,4

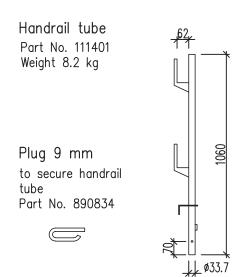


See loading table 4.4

14. Individual parts

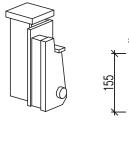


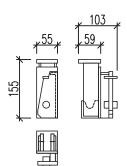




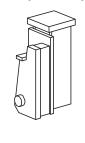
Angle connection

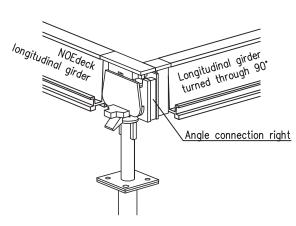
left Part No. 112530 Weight 1.9 kg





right
Part No. 112540
Weight 1.9 kg





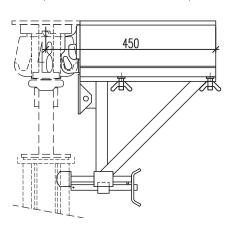
Angle connection suspended in drop—head or longitudinal girder.

→ see 11.2

Folding tripod



Folding tripod for Ø 48- 90 mm Part No. 900072 Folding tripod for Ø 90-120 mm Cantilever slab 450 mm Consisting of cantilever girder support (Part No. 115434), cantilever slab 450 mm (Part No. 115435) and spanner bolt R12 (Part No. 319341 — 2 No)



Part No. 900073







THE FORMWORK



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