



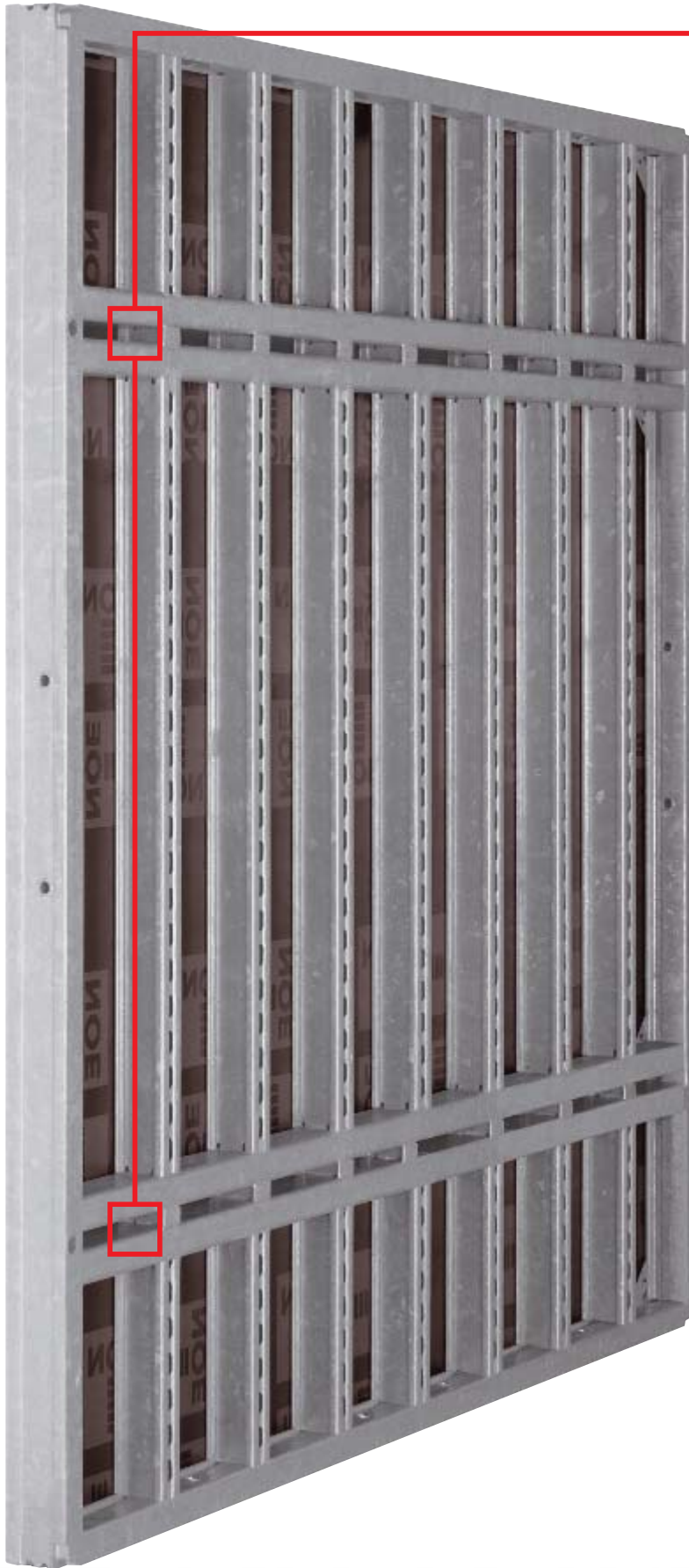
THE FORMWORK

NOE[®] top

Large panel formwork with integrated strong backs



NOEtop – simply more



Versatile in use

Integrated bracing allows NOEtop to be used as beam formwork (without external strongbacks etc.).

Freely selectable tie rod layout

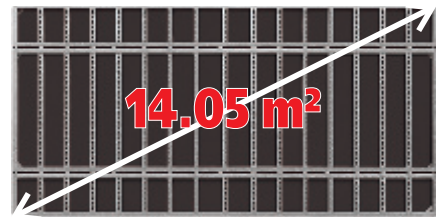
Symmetrical or freely selectable tie rod layout.

Regular joint pattern

Well-thought-out panel grid with consistent height and width ($\frac{1}{4}$, $\frac{1}{2}$, $\frac{1}{1}$, $\frac{5}{4}$, $\frac{2}{1}$). All panels can be combined end-on or side-on.

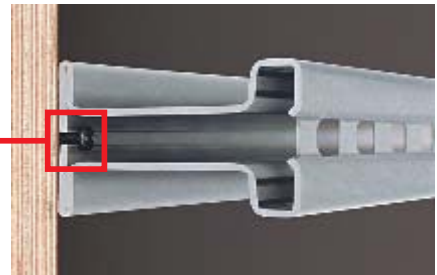
XXL

Form concrete economically with the largest panels on the market – 14.05 m² in area (5.30 x 2.65 m or 2.65 x 5.30 m), on request with no joints in the liner.



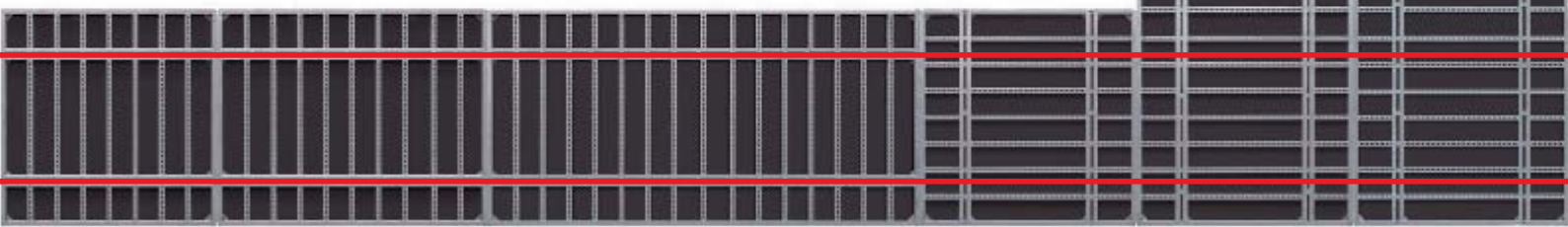
No rivets

Formwork facing screwed from the rear face.



Standardised

Transverse ribs with elongated holes and a continuous groove, which provides plenty of options for fastening and suspension arrangements.



NOEtop – frame formwork with integral bracing



Robust

All formwork panels are fitted with corner castings. The frame profile material thickness is a consistent 3.5 mm.

Durable

Frames and profiles are hot-dip galvanised inside and outside.

Simply strong

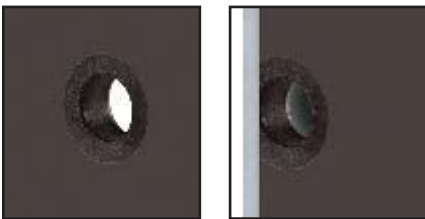
Permissible concrete pressure 88 kN/m².

Ease of handling

Corner castings with lever edge on all formwork panels.



Bushed tie rod holes



Large panels with integral bracing

Width/height:

5300; 3310; 2650 mm



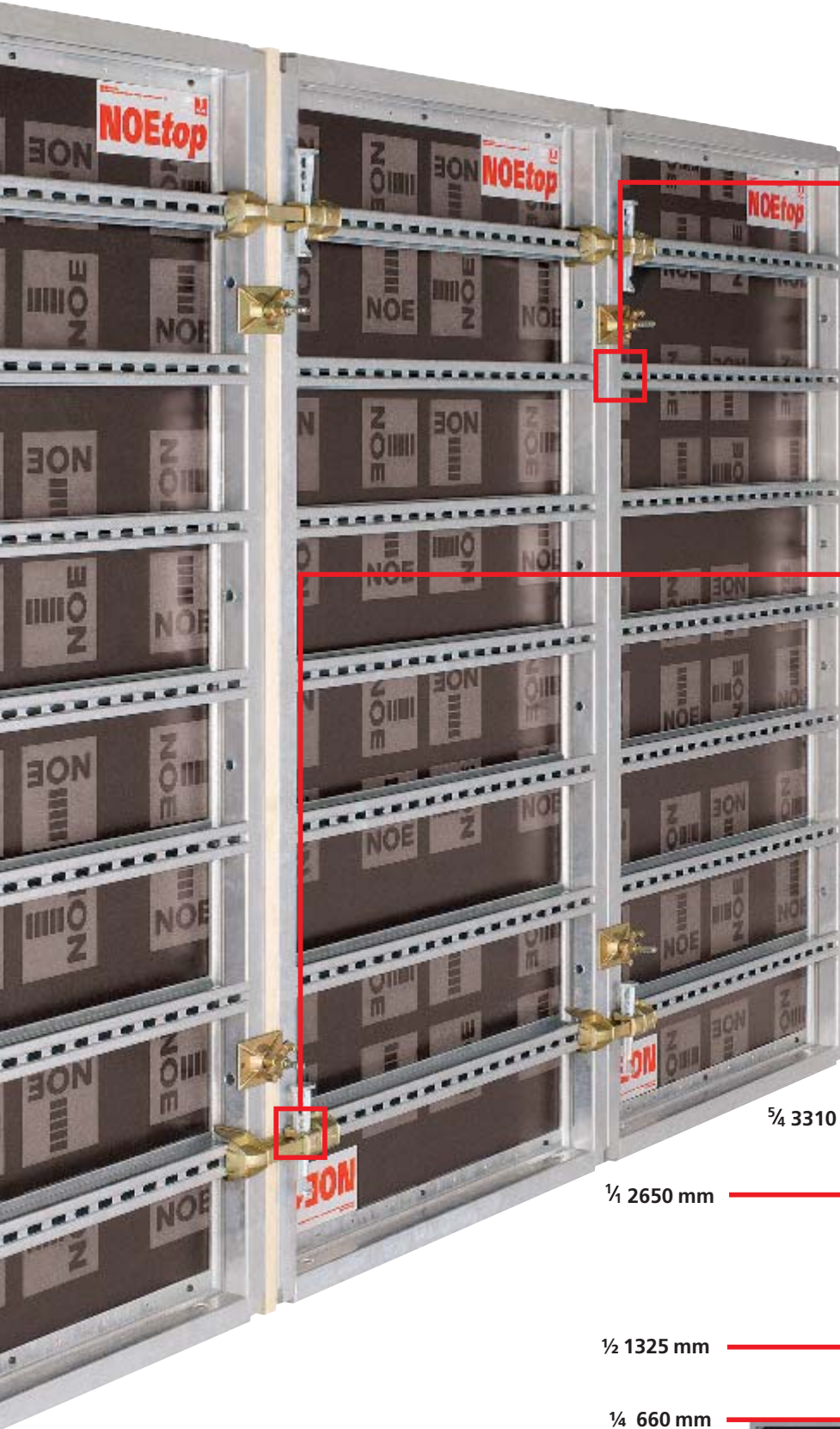
NOEtop – simple solutions for many formwork tasks



Unique

A single type of clamp for

- Standard connections
- Compensation up to 42 mm
- Corners
- Articulating corners
- Height extensions
- Conventional work



An all-rounder, e.g. for ...

- Easy panel butt joints
- Timber compensation pieces up to 42 mm
- Permissible tensile load 15 kN

$\frac{3}{4}$ 3310 mm

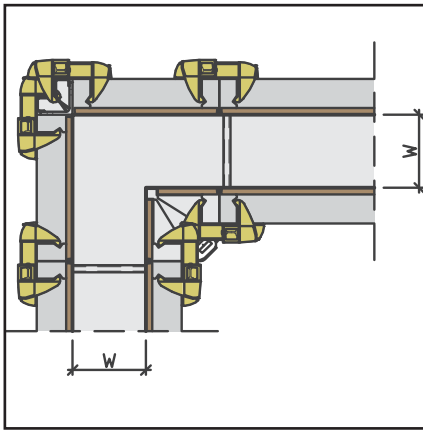
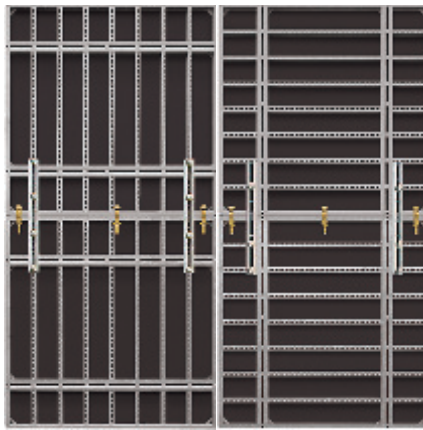
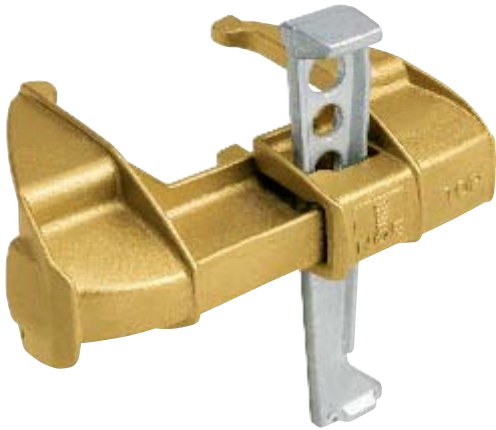
$\frac{1}{4}$ 2650 mm

$\frac{1}{2}$ 1325 mm

$\frac{1}{4}$ 660 mm

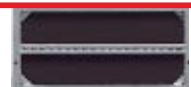


NOE Toplock – a clamp for all situations



Alternatively: NOE Toplock H for ...

- Timber compensation pieces up to 100 mm
- Panel height extensions
- Conventional height extensions
- Permissible tensile load 20 kN



¾ 3310 mm



¼ 2650 mm

Panel widths:
1325; 1000; 750; 500; 450; 400; 250 mm

Panel heights:
3310; 2650; 1325; 660 mm



½ 1325 mm

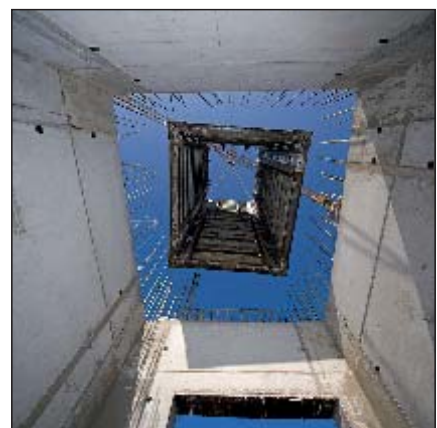
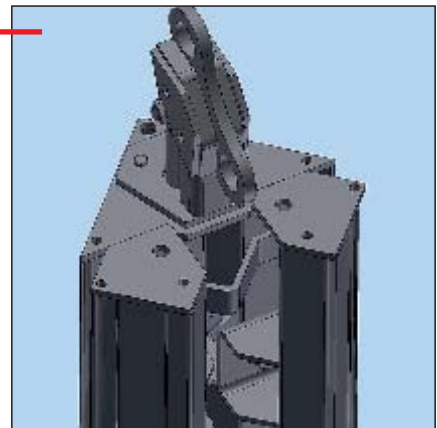
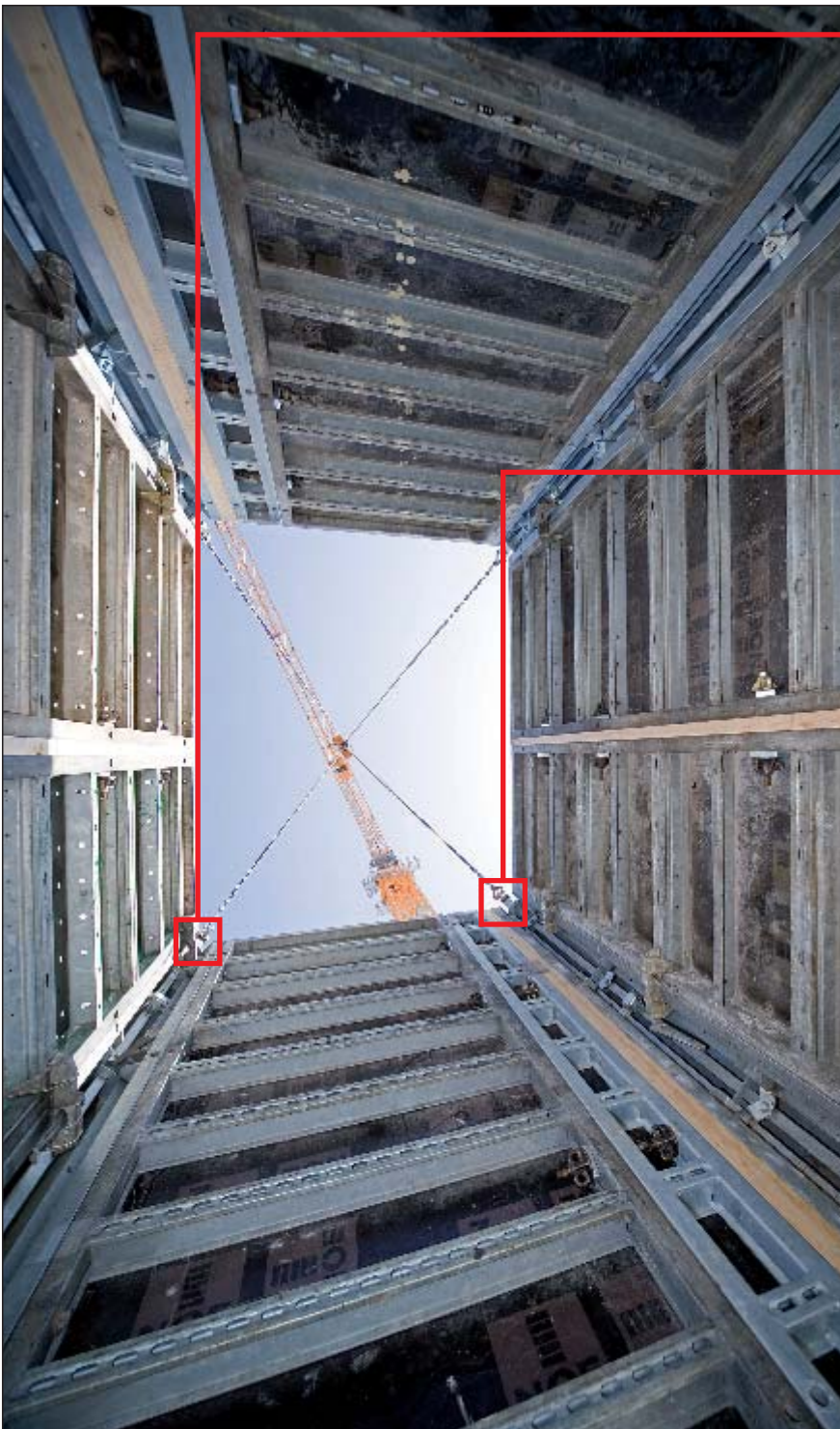


¼ 660 mm

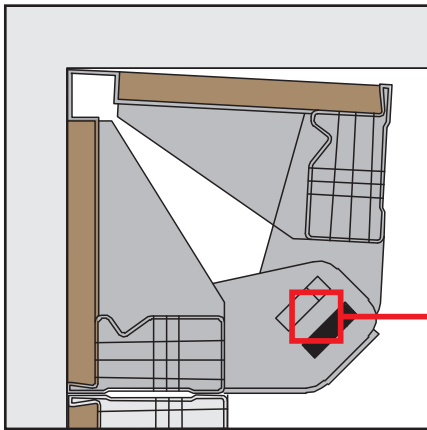
NOEtop stripping corner – the smart solution for shafts



- Form lift shafts and stairwell cores efficiently and economically
- Approx. 40 mm stripping play
- Moved as a complete unit
- Quick to erect and strip
- Operated from above or from outside

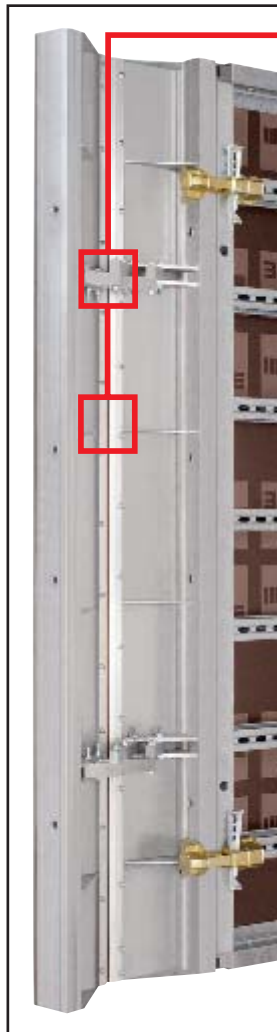


NOEtop – perfect around corners



Stripping advantage

90° internal corner with 4° stripping play, no hinge, easy stripping, even from hardened concrete.



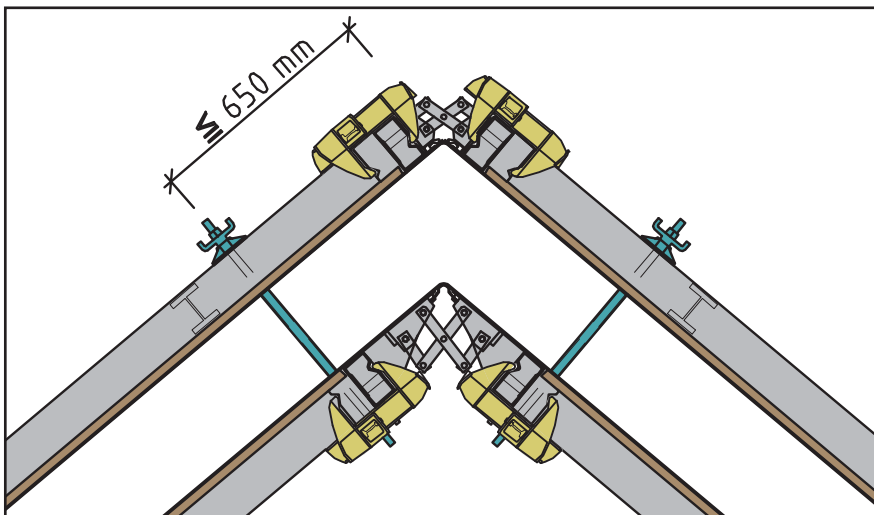
Patented

Adjustable NOEtop internal and external corners (Patent No. DE 102 62 255 B4) with easily operated and maintained adjustment mechanisms and replaceable PU corner chamfer strips.

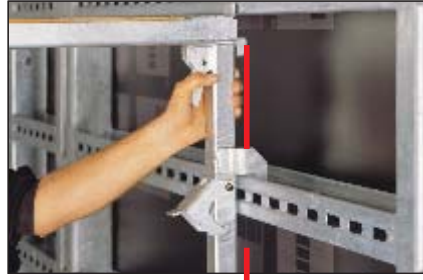


This means:

No rusted stuck hinges, bleeding out of concrete or concrete-encrusted hinges.

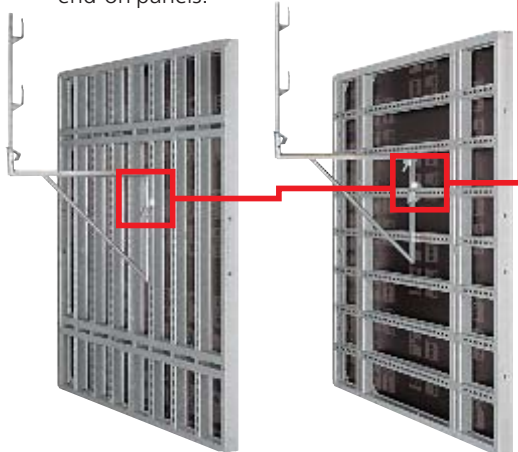


NOEtop – safe workplace



Safe workplace

Can be used with self-locking walkway brackets on side-on or end-on panels.



Efficient fastenings

E.g. hammer-head bolt with integral Sprint nut.

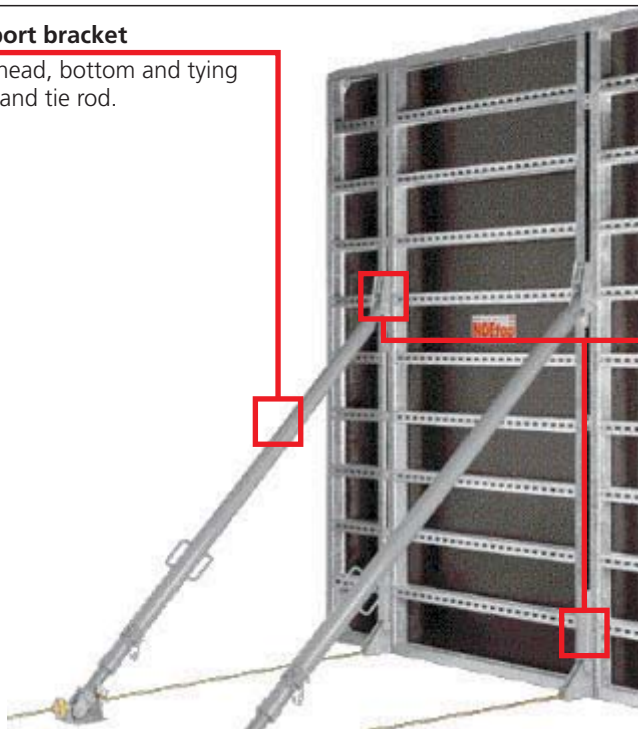
Safe alignment

Precise tension and compression-resistant alignment with NOE stabilizers.



NOEtop support bracket

Consisting of head, bottom and tying support, strut and tie rod.



Simple single-sided formwork

In conjunction with NOEtop support brackets, single-sided formwork can be used up to 3.31 m form height without additional bracing.

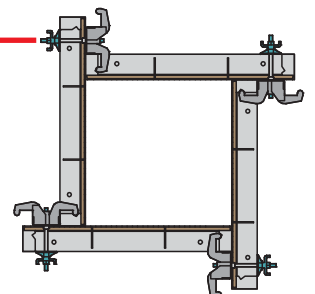
Head / bottom support

Simply insert into the bracing and secure with a wedge.



Versatile NOEtop multi-claw

- For corner solutions
- For rectangular columns
- For stop-end forms

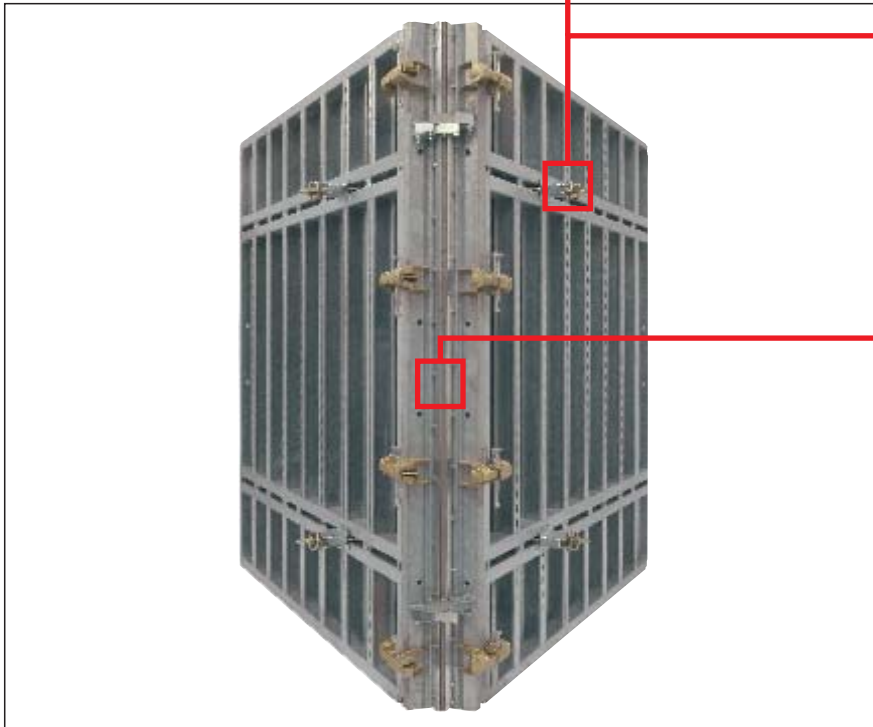


NOEtop – simply offers more



Compelling corner solutions

NOEtop offers compelling solution e.g. with large area panels for bridge abutments or NOEtop external corner panels as column formwork for rectangular columns.



The trick with the click

The skewed tying plates click into distance pieces on the bracing and allow the corner to be tied through the integrated bracing.

Adjustable NOEtop external corner

Patented, with easily operated and maintained adjustment mechanisms, and replaceable PU strips that stop bleeding out of the concrete.



Tapering walls

NOEtop large-area panels can also be used for vertically tapering walls. Even formwork inclinations greater than 15° can be accommodated.

NOEtop Alu – ideal as height extensions and/or stand-alone panel system



Integrated

NOEtop Alu is integrated into the NOEtop formwork concept. Its dimensions match the NOEtop panel grid. Can be used with accessories and clamps from the NOEtop system.

Sturdy

Multi-cell frame profiles for high torsional stiffness.



Panel range

Panel widths:
883; 750; 500; 250 mm
Aluminium external corner panel
883 mm
Aluminium internal corner panel
250x250 mm
Panel heights:
2650 and 1325 mm

Strong

Permissible concrete pressure 60 kN/m²

Lightweight

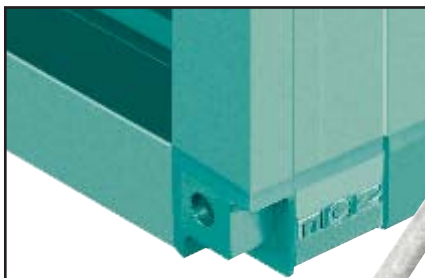
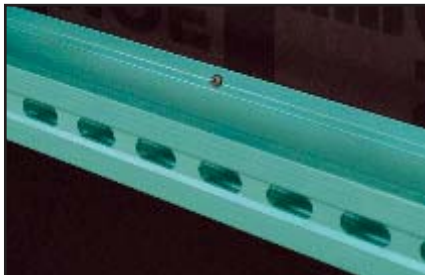
Panel weight only 27.4 kg/m²

Crane not required

Crane-independent manual formwork, e.g. for sites without cranes. Also ideal as formwork extensions on sites using NOEtop.

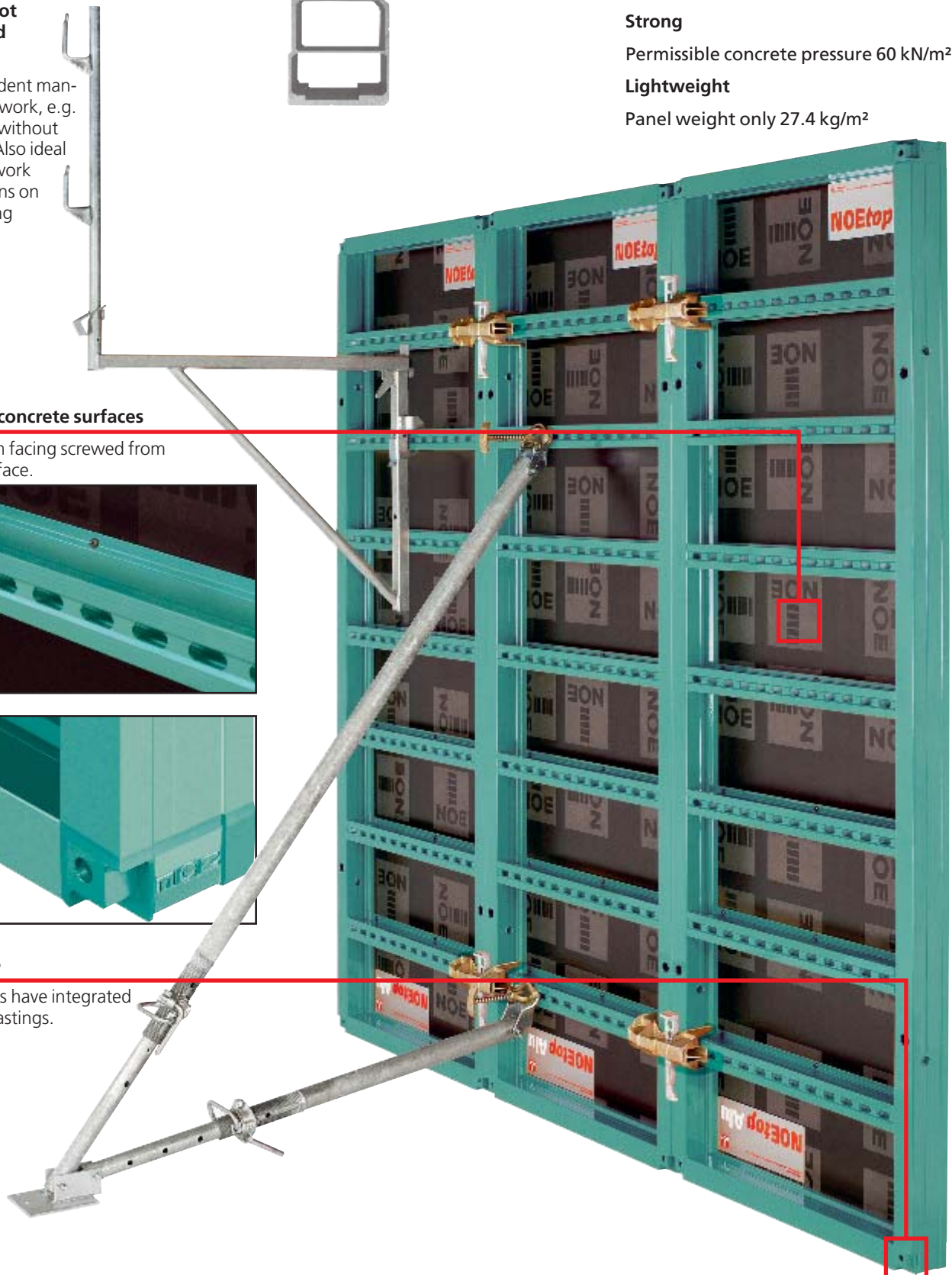
Perfect concrete surfaces

NOEform facing screwed from the rear face.



Durable

All panels have integrated corner castings.



System Overview



	Width mm	Height mm	Surface m ²	Weight approx. kg	Part No.
NOEtop large panel with integral bracing system, with NOEform facing					
NOEtop large panel (with cantilever)	5300	2650	14,05	932,540	168051
	3310	2650	8,77	589,940	168052
	2650	2650	7,02	478,690	168053
NOEtop large panel (compatible with NOE Top 2000)	5300	2650	14,05	932,540	168049
	2650	2650	7,02	478,690	168029
	3310	2650	8,77	589,940	168033
NOEtop multifunction panel, with NOEform facing					
	1325	3310	4,39	334,270	168022
	1325	2650	3,51	259,700	168020
	1325	1325	1,76	189,800	168021
NOEtop panels with multihole horizontal stiffeners, with NOEform facing					
	1325	3310	4,39	252,900	160065
	1250	3310	4,14	241,800	160066
	1000	3310	3,31	204,800	160067
	750	3310	2,48	168,100	160068
	615	3310	2,04	148,200	160069
	550	3310	1,82	138,600	160070
	500	3310	1,66	131,200	160071
	450	3310	1,49	123,800	160073
	400	3310	1,32	116,400	160074
	250	3310	0,83	94,100	160075
	1325	2650	3,51	205,200	168019
	1250	2650	3,31	196,200	168109
	1000	2650	2,65	166,200	168209
	750	2650	1,99	136,300	168309
	615	2650	1,63	119,900	168359
	550	2650	1,46	112,100	168609
	500	2650	1,33	106,100	168409
	450	2650	1,19	100,100	168749
	400	2650	1,06	94,100	168909
	250	2650	0,66	76,000	168509
	1325	1325	1,76	111,600	169009
	1250	1325	1,66	106,700	169109
	1000	1325	1,33	90,300	169209
	750	1325	0,99	74,100	169309
	615	1325	0,82	65,300	169359
	550	1325	0,73	61,000	169609
	500	1325	0,66	57,700	169409
	450	1325	0,59	54,500	169749
	400	1325	0,53	51,200	169909
	250	1325	0,33	41,000	169509
	1325	660	0,88	63,600	163019
	1250	660	0,75	60,700	163109
	1000	660	0,66	51,100	163209
	750	660	0,50	41,900	163309
	615	660	0,41	36,700	163359
	550	660	0,36	34,200	163609
	500	660	0,33	32,300	163409
	450	660	0,30	30,500	163749
	400	660	0,26	28,600	163909
	250	660	0,17	22,900	163509

	Width mm	Height mm	Surface m ²	Weight approx. kg	Part No.
NOEtop corner solutions, with NOEform facing					
Panneaux d'angle extérieur 1000 [Englische Überset- zung fehlt]	1000	3310	3,31	267,000	160076
	1000	2650	2,65	214,200	167009
	1000	1325	1,33	104,600	167019
	1000	660	0,66	54,600	163009
Multi-claw				3,700	164030
Tie rod Ø 15 mm				0,420	670300
Waling plate with wing nut	100			1,200	691700
Sprint nut				0,690	680580
90° internal corner	250	3310	1,66	101,000	160078
	250	2650	1,33	83,300	167209
	250	1325	0,66	51,200	167219
	250	660	0,33	31,100	167249
Aluminium external corner angle 90°	110	3310		25,280	164065
	110	2650		16,850	164064
	110	1325		8,430	164063
	110	883		5,620	164062
	110	660		4,210	164061
External corner angle 90°	110	3310		61,000	164045
	110	2650		50,100	164044
	110	1325		25,200	164043
	110	660		13,000	164042
Adjustable internal corner	300	3310	1,99	158,800	164003
	300	2650	1,59	133,000	164002
	300	1325	0,80	76,800	164001
	300	660	0,40	47,400	164000
Adjustable external corner	112,5	3310	0,75	99,000	164008
	112,5	2650	0,60	80,500	164007
	112,5	1325	0,30	43,500	164006
	112,5	660	0,15	21,800	164005
NOEtop Alu panels, with NOEform facing					
	883	2650	2,34	64,200	167322
	750	2650	1,99	57,200	167324
	500	2650	1,33	44,200	167328
	250	2650	0,66	31,300	167336
	883	1325	1,17	34,400	167340
	750	1325	0,99	31,100	167382
	500	1325	0,66	23,900	167385
	250	1325	0,33	16,700	167389
	NOEtop Alu corner solutions, with NOEform facing				
NOEtop Alu external corner panels	883	2650	2,34	70,700	167363
	883	1325	1,77	36,500	167366
NOEtop Alu 90° internal corner	250	2650	1,33	43,300	167372
	250	1325	0,66	23,700	167376
NOEtop stripping corners					
NOEtop stripping corner	300	3310	1,99	209,500	137768
	300	2650	1,59	175,000	137762
	300	1325	0,80	87,500	137761
NOE lever arm				3,870	398202

Formwork facing 21 / 15 mm NOEform.
Available with 22 / 16 mm NOEboard on request.

	Width mm	Height mm	Surface m ²	Weight approx. kg	Part No.
Magnet set for stripping corners		35		1,100	694981
		40		1,200	694982
Bolt M 18x160				0,500	318900
Bolt M 16x40				0,128	313400
NOEtop longitudinal compensation					
Filler piece	50	3310	0,17	23,910	130095
	50	2650	0,13	18,300	137309
	50	1325	0,07	9,300	137319
	50	660	0,04	5,390	137329
Compensation panels	300	3310	1,00	50,200	130096
	300	2650	0,80	41,700	137549
	300	1325	0,40	20,500	137559
	300	660	0,20	10,300	137569
Compensation channel				9,430	135109
Extension channel				14,720	135208
Alignment channel				20,400	135210
Extension clamp				3,200	137850
NOEtop clamps					
NOE Toplock				3,700	137975
NOE Toplock H				4,300	137970
Alignment clamp				19,800	135309
NOEtop scaffold					
Top walkway bracket		1000		17,100	552203
NOEtop clamp support handrail tube				3,200	552214
Handrail tube 1060		1060		4,000	111400
Hinged scaffold	2650	1265		171,000	552210
	1325	1265		112,000	552211
Hinged scaffold with hatch	1265	2650		250,330	552212
NOEtop scaffold platform with ladder ascent					
NOEtop scaffold platform with hatch	2600	885		67,400	550010
	1300	885		47,300	550012
NOEtop scaffold platform	2600	885		58,400	550014
NOE ladder	4110	450		7,300	550040
	3570	450		6,300	550041
	3010	450		5,200	550042
Ladder support with step				8,300	550024
NOEtop support bracket					
Bracing	3310			95,000	541035
	2640			74,500	541034
Pin				0,766	541053
Head support				5,200	541036
Spring pin Ø 5 mm				0,035	913305
Strut, ext. length 2,40–3,70 m				56,000	541039
Strut, ext. length 2,40–2,70 m				40,000	541044
Supporting plate				4,680	541041

	Width mm	Height mm	Surface m ²	Weight approx. kg	Part No.
Bracing U 80	2500			55,000	543030
Bolt M 16x70				0,180	313800
Screw base				0,420	117240
Tie rod Ø 15 mm	2000			2,840	672000
Sprint nut				0,690	680580
Tying support				6,000	541052
NOE foundation ties					
Tying claw				1,400	137500
Foundation clamp				1,500	137297
Perforated steel strap				0,41/m	108029
Dispensing and cutting trolley				21,800	108030
Accessories for special tasks					
Tying plate				3,000	164040
Hammer-head bolt with handle	205			1,225	319339
	125			1,150	319338
Bolt M 18x160				0,410	318900
Bolt M 18x100				0,360	318801
Connection screw		285		0,523	135019
Waling plate	80	55		0,580	691500
Tilt restraint				0,300	919036
NOEtop stabilizer connector				2,950	697032
NOEstep				5,470	137570
NOEtop clamp support for Ø 15 mm				1,700	164039
NOEtop clamp support for Ø 20 mm				2,000	164038
NOEtop stop-end support				0,700	164032
Transport aids					
Crane hook				6,800	135905
NOE transport hanger				12,800	922910
Quadruple sling ropes	4000			12,000	922900
Lifting pin				0,660	136808
Plastic storage washer II				0,020	919070
NOE Box				87,000	697598

NOEboard – the high-tech formwork facing from NOE



NOEboard is a completely new high-tech formwork facing. The secret of the facing's success is its composite sandwich construction.

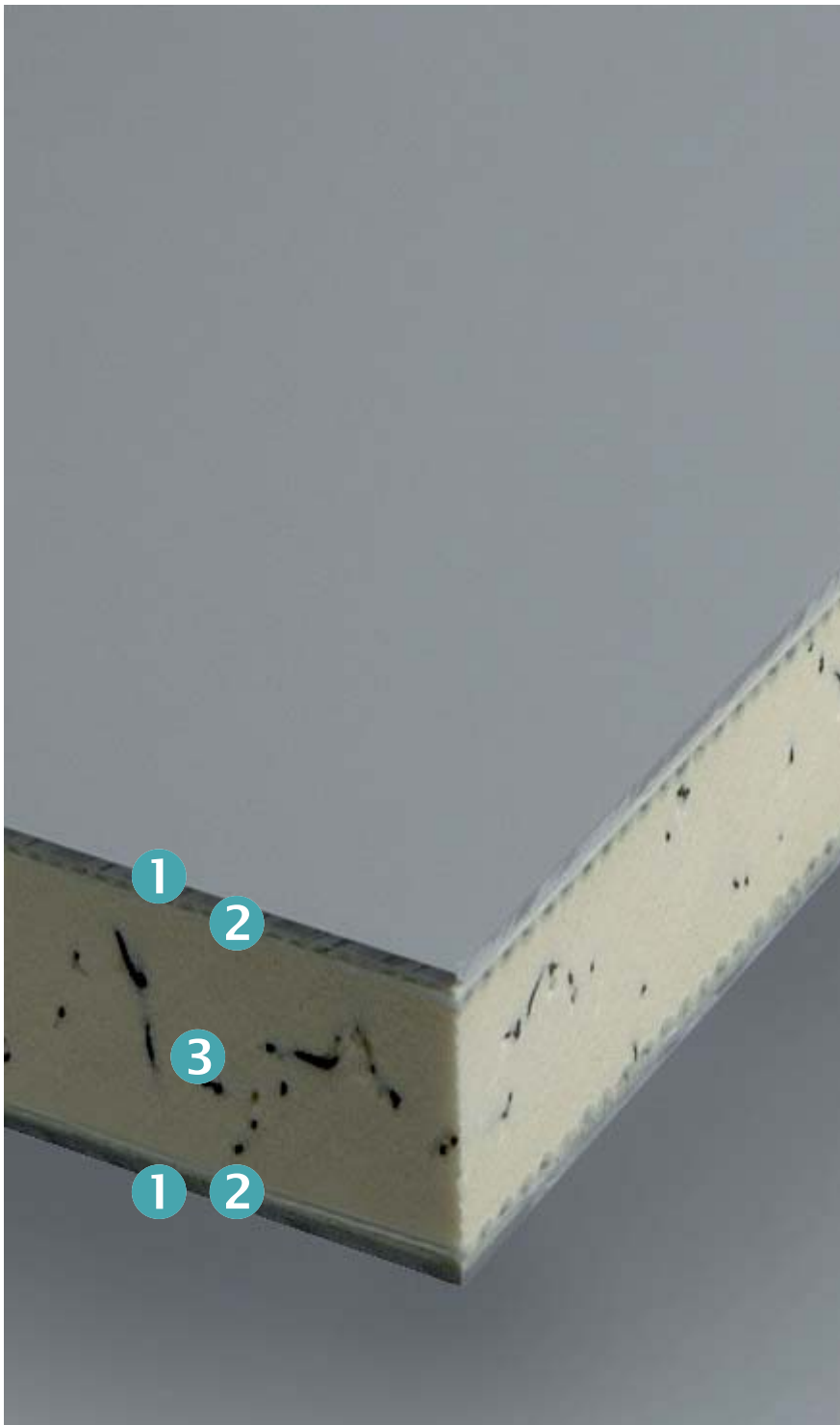
NOEboard has a considerably longer service life compared to traditional formwork facings because of its innovative structure.

NOEtop with 22 mm NOEboard facing also available on request.

The advantage:

From the first to the last use, NOEboard formwork facing gives you a consistently good concrete surface finish.

For full information see www.noe.de



NOEboard's impressive advantages:

- NOEboard weighs much less than comparable plywood facing
- NOEboard does not swell
- NOEboard can be nailed or screwed
- NOEboard is easy to clean
- NOEboard resists heat and cold
- NOEboard excels on durability and high reuse potential
- NOEboard is sustainable
- NOEboard is permanently UV resistant

NOEboard's innovative high-tech construction:

- 1 Thermoplast facing layer
- 2 Fibreglass loadbearing layer
- 3 PU foam

NOErepair – quick and easy formwork facing repairs



NOErepair is a cost-effective repair system for repairing both conventional plywood and NOEboard formwork facings.

Damaged areas in plywood facings can be rectified with NOErepair, simply, quickly and neatly. No previous knowledge or special tools required. NOErepair can be used anywhere, in the construction yard or on the building site. For full information see www.noe.de.

Plywood formwork facing



NOEboard formwork facing



The perfect repair of plywood facings just six quick steps. Similar quick procedure for NOEboard formwork facings:

- Machine out damaged area
- Clean repair site
- Apply flame to remove release agent and moisture (plywood facings only)
- Fill with NOErepair
- Allow to cool
- Smooth



THE FORMWORK



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