



THE FORMWORK

# NOE<sup>®</sup> top Imperial





# 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

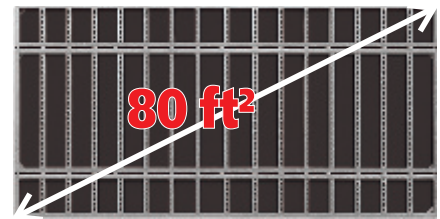
Symmetrical or freely selectable tie rod layout.

## 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.

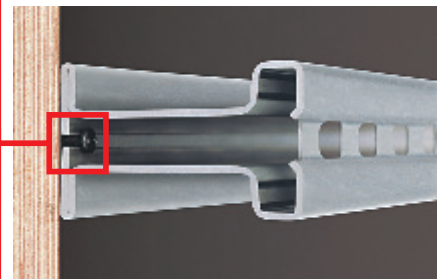
## XXL

Form concrete economically with large panels – 80 sq ft in area (10' x 8' or 8' x 10'), on request with no joints in the liner.



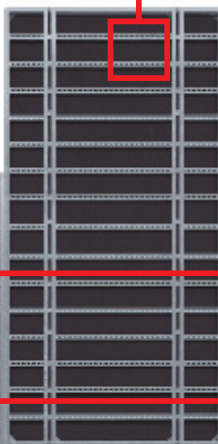
## No rivets

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 1.4 mill.

## Durable

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

## Simply strong

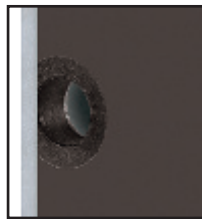
Permissible concrete pressure 1650 lb/sqft.

## Ease of handling

Corner castings with lever edge on all formwork panels.



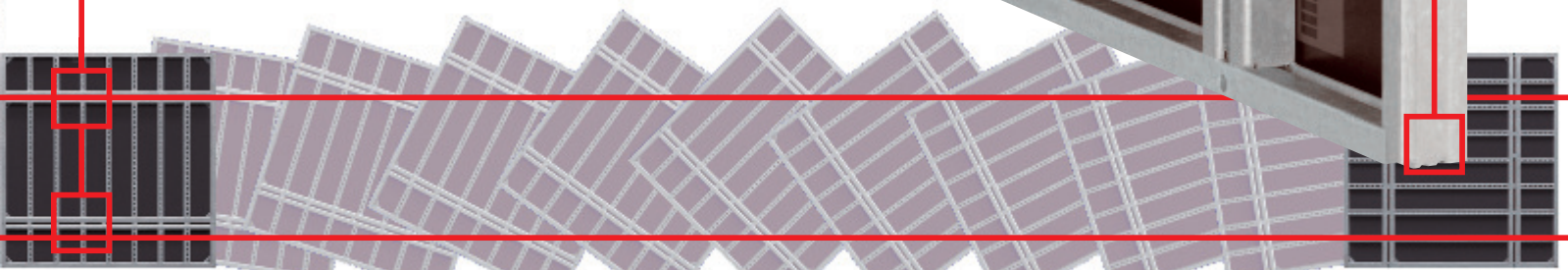
## Bushed tie rod holes



Inside  $\varnothing$  1.44" – specially developed for taper tie rods

## Large panels with integral bracing

Width/height: 10', 4'





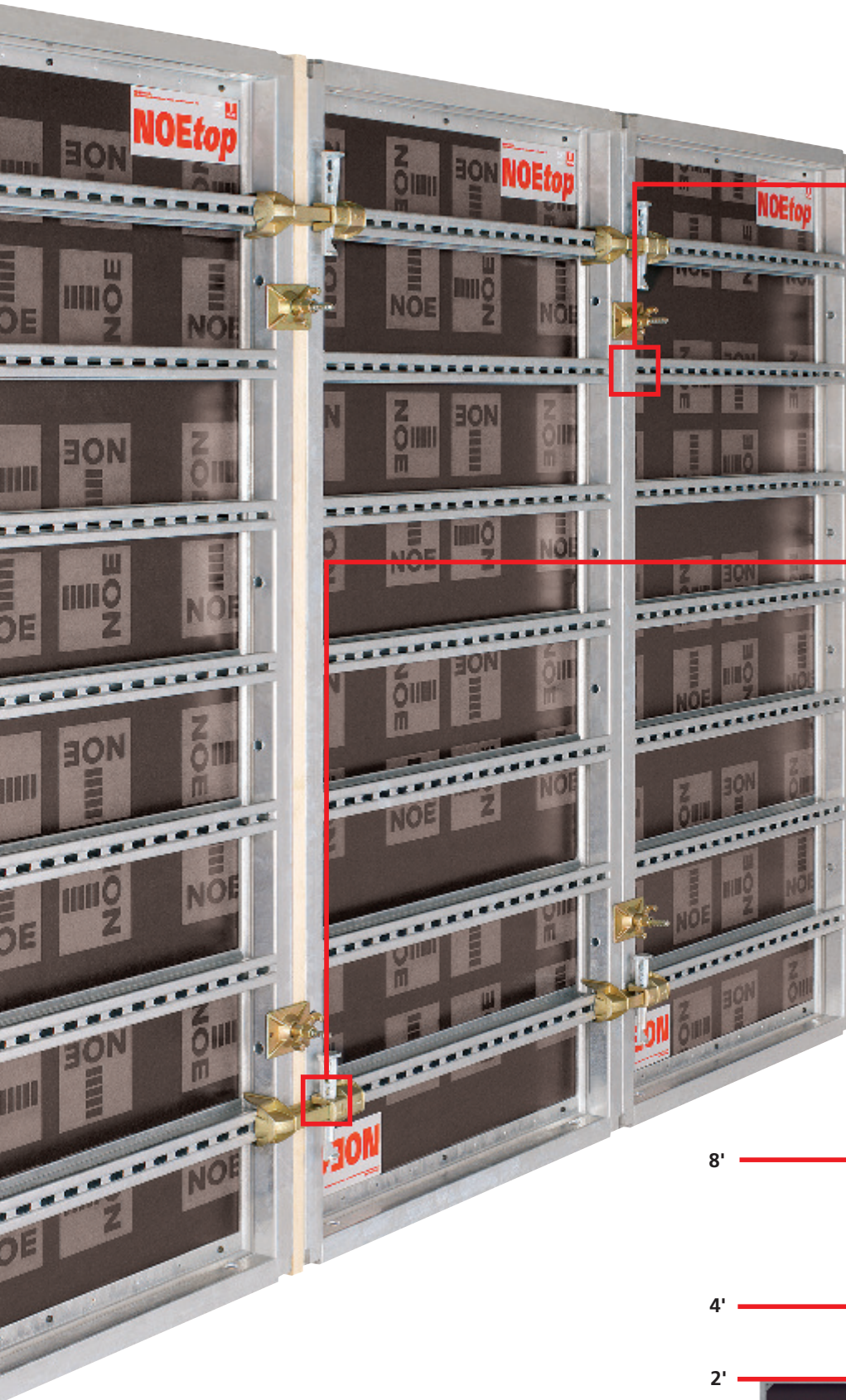
# NOEtop – simple solutions for many formwork tasks



## Unique

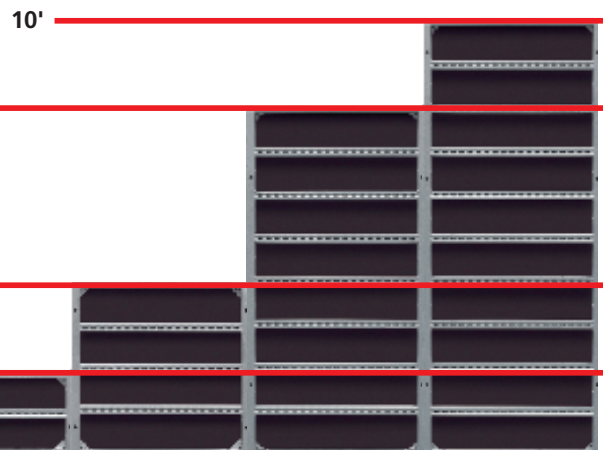
A single type of clamp for

- Standard connections
- Compensation up to 1.7"
- Corners
- Articulating corners
- Height extensions
- Conventional work



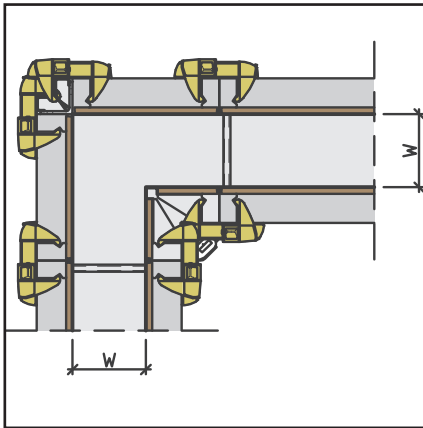
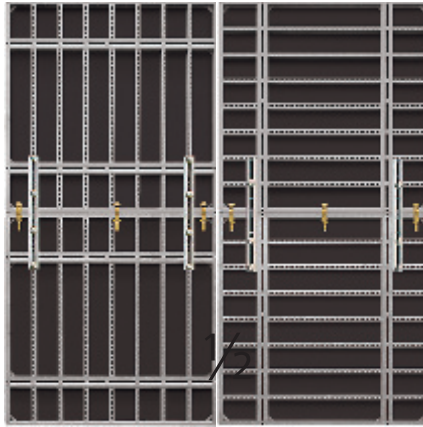
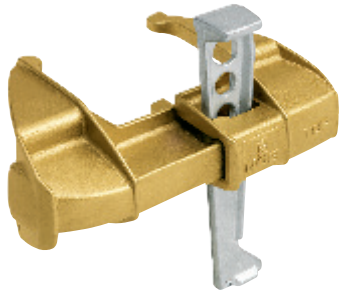
## An all-rounder, e.g. for ...

- Easy panel butt joints
- Timber compensation pieces up to 1.7"
- Permissible tensile load 3372 lb<sub>f</sub>



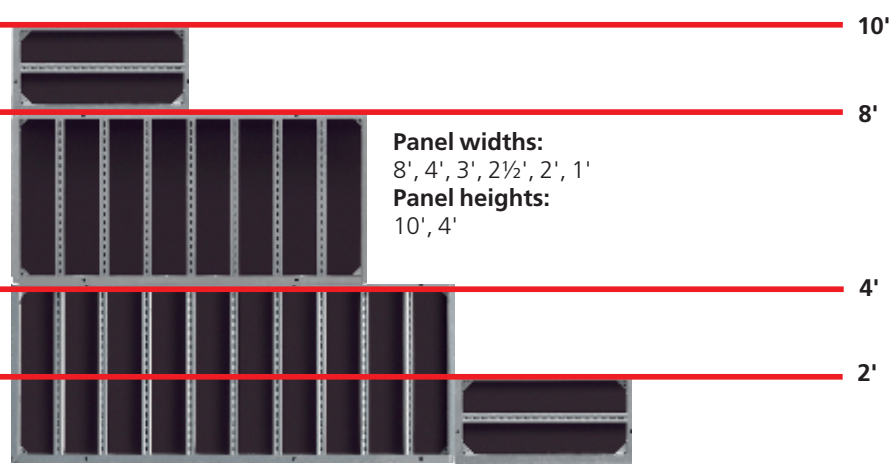


# NOE Toplock – a clamp for all situations



## Alternatively: NOE Toplock H for ...

- Timber compensation pieces up to 4"
- Panel height extensions
- Conventional height extensions
- Permissible tensile load 4496 lb<sub>f</sub>

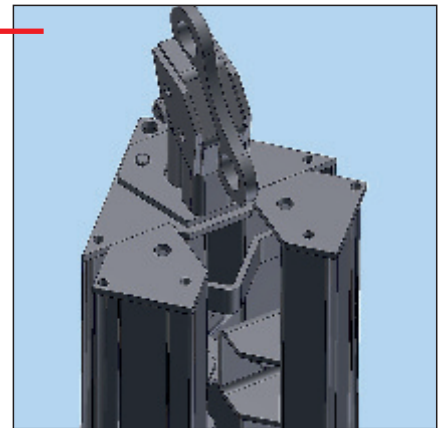
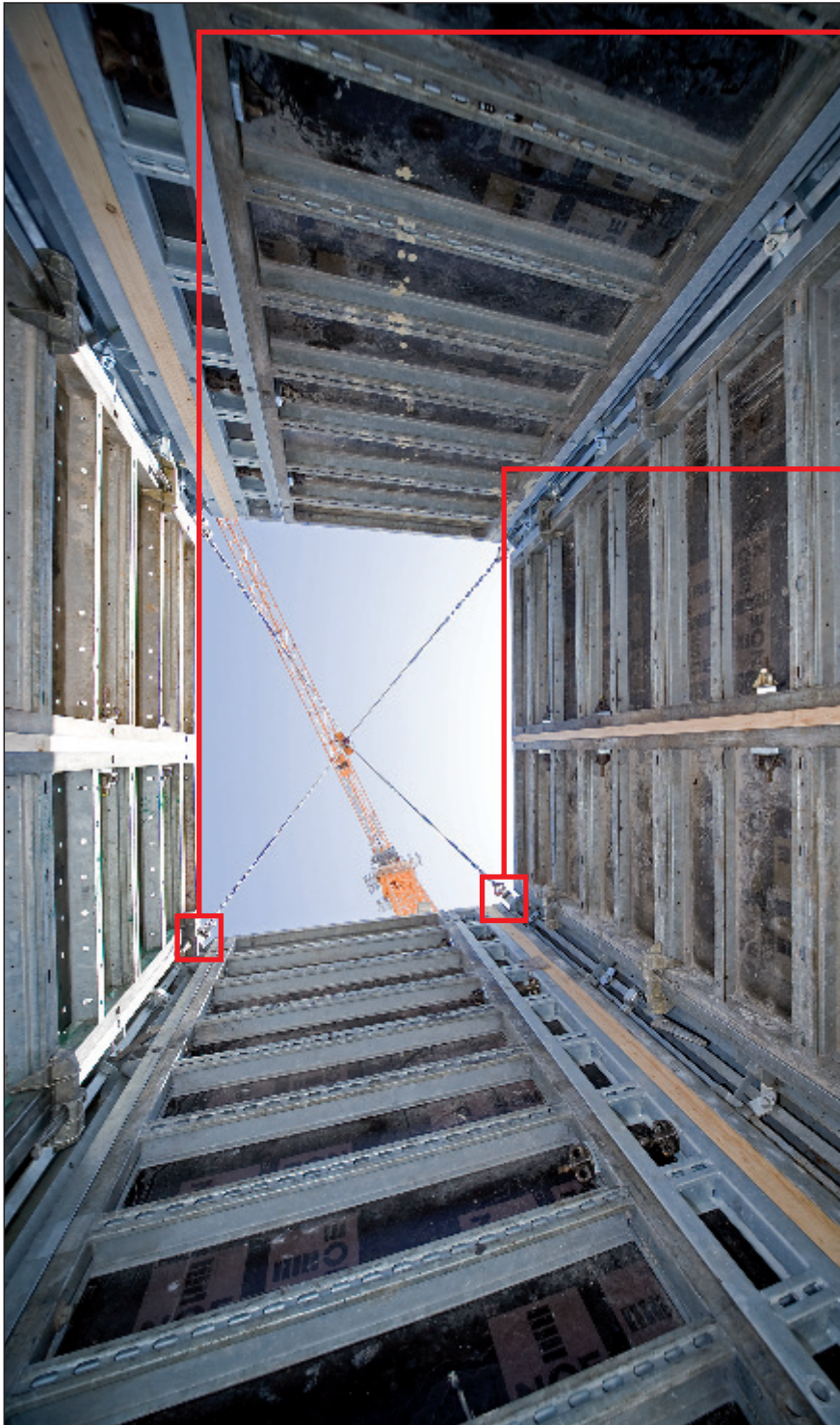




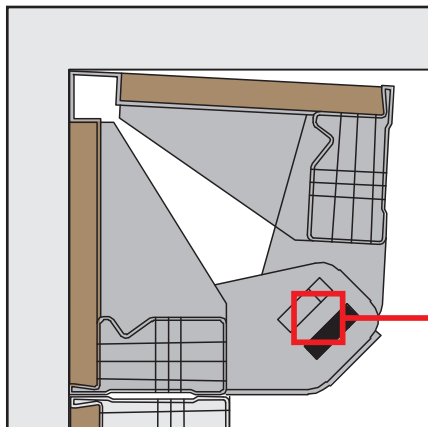
# NOEtop stripping corner – the smart solution for shafts



- Form lift shafts and stairwell cores efficiently and economically
- Approx. 1.6" mm stripping play
- Moved as a complete unit
- Quick to erect and strip
- Operated from above or from outside
- In heights 10' and 4' available

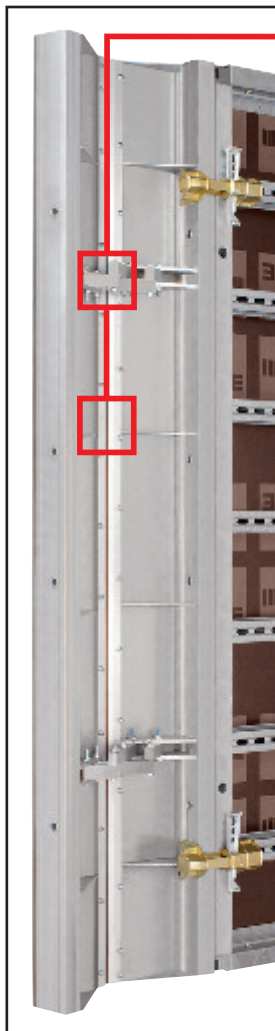


# NOEtop – perfect around corners



## Stripping advantage

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

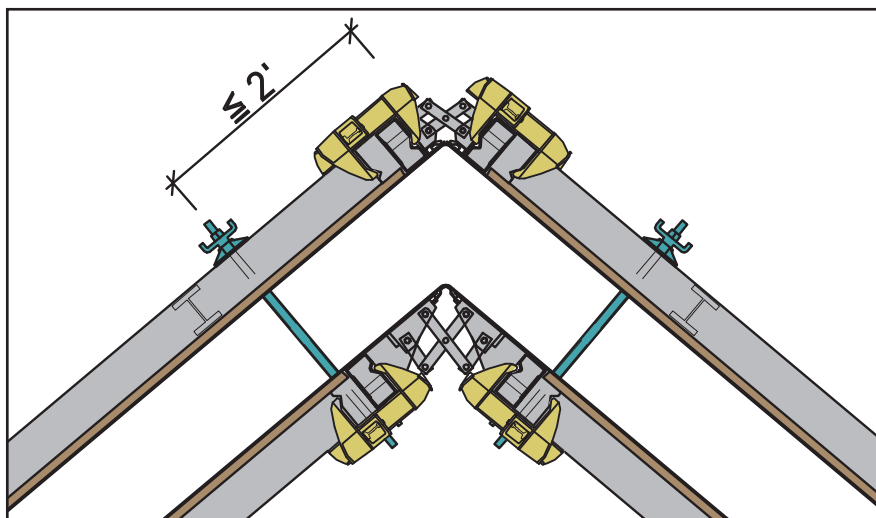


## Patented

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.

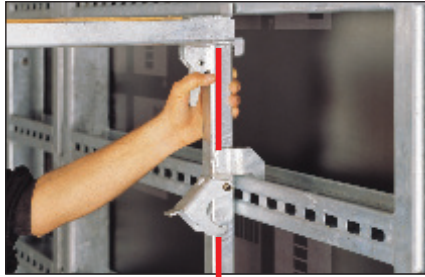


This means:  
No rusted stuck hinges, bleeding out of concrete or concrete-encrusted hinges.



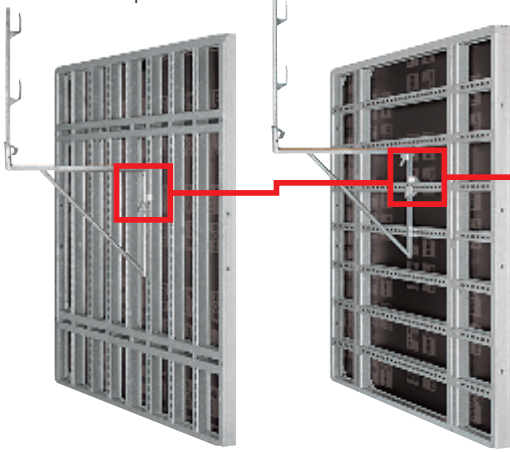


# NOEtop – safe workplace



### 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.



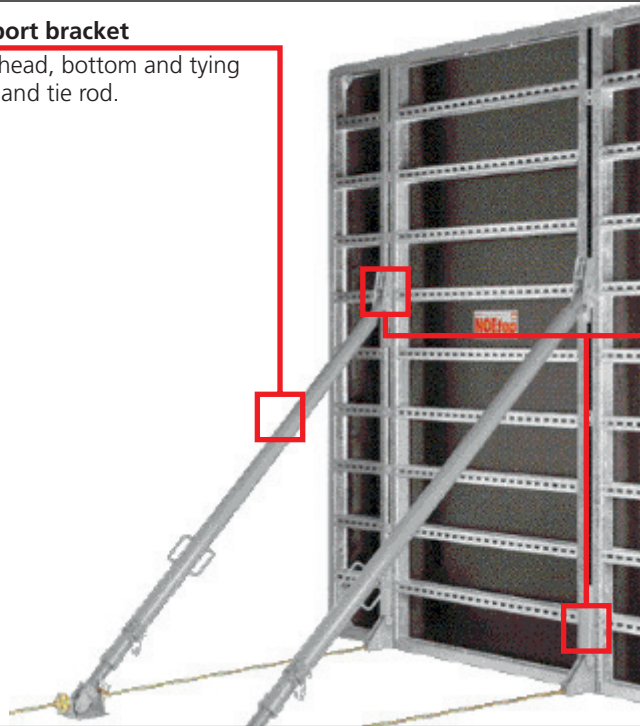


# NOEtop – simply more



## 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.

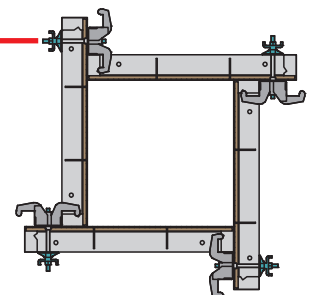
## Head / bottom support

Simply insert into the bracing and secure with a wedge.

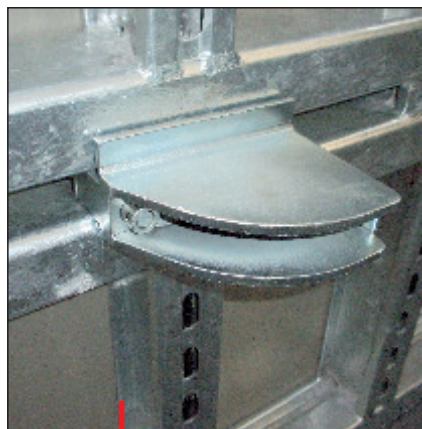


## Versatile NOEtop multi-claw

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

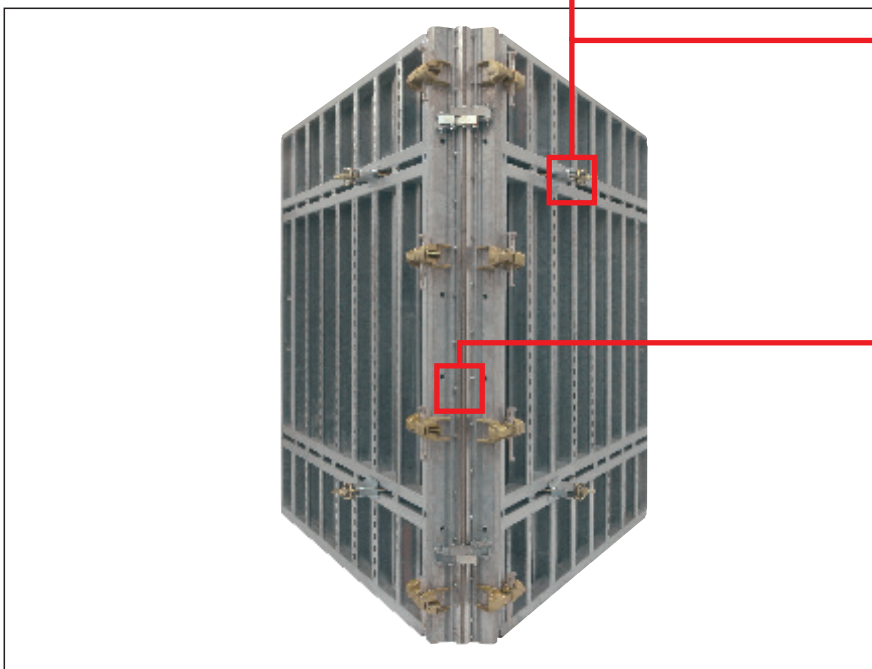


# NOEtop – simply offers more



## 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.

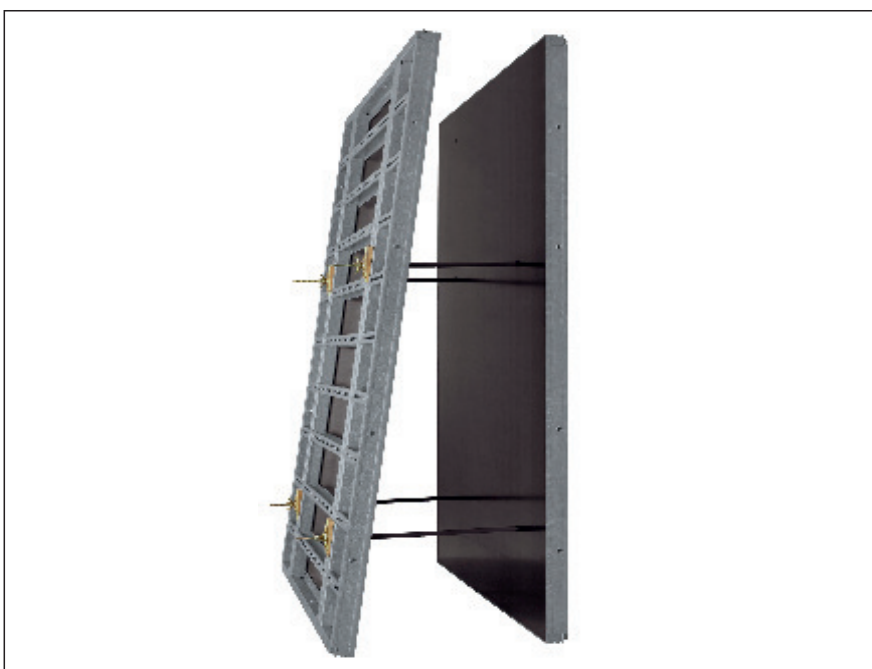


## The trick with the click

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.



# System Overview



	Width ft	Height ft	Surface approx. sq ft	Weight approx. lb	Part No.
<b>NOEtop large panel with integral bracing system, with NOEform facing</b>					
NOEtop large panel	8'	10'	80	1150	<b>169972</b>
	8'	4'	32	469	<b>169974</b>
<b>NOEtop multifunction panel, with NOEform facing</b>					
Panels	4'	10'	40	598	<b>169976</b>
	4'	4'	16	281	<b>169978</b>
<b>NOEtop panels with multihole horizontal stiffeners, with NOEform facing</b>					
Panels	3'	10'	30	392	<b>169981</b>
	2'6"	10'	25	346	<b>169982</b>
	2'	10'	20	298	<b>169983</b>
	1'	10'	10	207	<b>169984</b>
	3'	4'	12	179	<b>169991</b>
	2'6"	4'	10	154	<b>169992</b>
	2'	4'	8	136	<b>169993</b>
	1'	4'	4	90	<b>169994</b>
<b>NOEtop corner solutions, with NOEform facing</b>					
External corner panels	4'	10'	40	604	<b>169996</b>
	4'	4'	16	261	<b>169997</b>
90° Internal corner	1'1'	10'	20	303	<b>169998</b>
	1'1'	4'	8	155	<b>169999</b>
Aluminum external corner angle 90°	1'1'	10'	20	56	<b>164068</b>
	1'1'	4'	8	19	<b>164067</b>
External corner angle 90°		10'		125	<b>137113</b>
		4'		54	<b>137112</b>
Adjustable internal corner	1'1'	10'	20	326	<b>137816</b>
	1'1'	4'	8	111	<b>137815</b>
Adjustable external corner	4.4"	10'	7.3	212	<b>137811</b>
	4.4"	4'	2.9	89	<b>137810</b>
<b>NOEtop stripping corners</b>					
NOEtop stripping corner	1'1'	10'	1.8	405	<b>137770</b>
	1'1'	4'	0.7	190	<b>137771</b>
<b>NOEtop stripping pieces</b>					
Stripping piece 10'	10"	10'	8.3	232	<b>137756</b>
Stripping piece 4'	10"	4'	3.3	97	<b>137755</b>
<b>NOEtop longitudinal compensation</b>					
Compensation panels	1'	10'	10	108	<b>137546</b>
	1'	4'	4	43	<b>137545</b>
Compensation channel				21	<b>135109</b>
Compensation bracing				35	<b>135208</b>
<b>NOEtop clamps</b>					
NOE Toplock				8.1	<b>137976</b>
NOE Toplock H				9.6	<b>137970</b>
Alignment clamp				43.6	<b>135309</b>
Multi claw				7.7	<b>164030</b>
<b>NOEtop scaffold</b>					
Top walkway bracket	3'3"			27.3	<b>552204</b>
Nailing core for walkway brackets	3'3"	10"	10"	3	<b>556004</b>
NOEtop clamp support hand-rail tube				6.9	<b>552214</b>
Handrail tube 3'6"		3'6"		8.8	<b>111400</b>
Hinged scaffold	8'8"	4'2"		382.5	<b>552210</b>
	4'4"	4'2"		246.4	<b>552211</b>
Hinged scaffold with hatch	4'2"	8'8"		550.7	<b>552212</b>
<b>NOEtop scaffold platform with ladder ascent</b>					
NOEtop scaffold platform with hatch	8'6"	2'11"		148.3	<b>550010</b>
	4'3"	2'11"		104.1	<b>550012</b>
NOEtop scaffold platform	8'6"	2'11"		116.8	<b>550014</b>
NOE ladder	13'6"	1'6"		14.6	<b>550040</b>
	11'8"	1'6"		12.6	<b>550041</b>
	9'10.5"	1'6"		10.4	<b>550042</b>
Ladder support with step				16.6	<b>550024</b>

	Width ft	Height ft	Surface approx. sq ft	Weight approx. lb	Part No.	
Adapter for attaching handrail tubes				2.2	<b>550025</b>	
<b>Concreting scaffold</b>						
Bolting pin for handrail tube				1.68	<b>111402</b>	
Guardrail post tube 5'3"			5.5'	16.4	<b>111401</b>	
<b>NOEtop support bracket</b>						
Bracing		10'10"		202	<b>541025</b>	
		8'8"		163	<b>541024</b>	
Pin				1.7	<b>541053</b>	
Head support				10.4	<b>541036</b>	
Spring pin Ø 0.2"				0.08	<b>913305</b>	
Strut		7'10" – 8'10"		80.8	<b>541044</b>	
Supporting plate				10.3	<b>541041</b>	
Bracing U 80		8'2"		121	<b>543030</b>	
Screw base				0.92	<b>117240</b>	
Tie rod Ø 0.6" mm		6'7"		6.25	<b>672000</b>	
Sprint nut		3.1"	3.1"	2.4"	1.52	<b>680580</b>
Coupler nut 0.6"				1.0	<b>684000</b>	
Tying support				13.2	<b>541052</b>	
<b>Anchor Ø 0.6"</b>						
Waved anchor Ø 0.6"		1'10'		1.9	<b>542007</b>	
Anchor Ø 0.6"		1'6"		2.3	<b>542005</b>	
Anchor loop Ø 0.6"		1'1"	0.9"	0.6"	4.8	<b>542006</b>
<b>Push-pull braces</b>						
Push-Pull braces		3'4" – 4'11"		18.8	<b>697026</b>	
		6'11" – 12'		42.02	<b>697027</b>	
		9'1" – 16'5"		51.40	<b>697028</b>	
		21' – 33'9"		224.4	<b>697036</b>	
Supporting plate				8.4	<b>697014</b>	
L-Pin 0.6"				0.7	<b>697010</b>	
Hinge				1.8	<b>697012</b>	
Spring pin Ø 15.7 mill				0.03	<b>913304</b>	
<b>NOE foundation ties</b>						
Tying claw				4.3	<b>137500</b>	
Foundation clamp				3.30	<b>137297</b>	
Perforated steel strap				52.8	<b>108031</b>	
Dispensing and cutting trolley				48	<b>108030</b>	
<b>Accessories for special tasks</b>						
Tying plate				6.6	<b>164040</b>	
Hammer-head bolt with handle		8"		2.7	<b>319339</b>	
Hammer-head bolt with handle		5"		2.5	<b>319338</b>	
Connection screw		11.2"		1.15	<b>135019</b>	
Waling plate		3.1"	2.2"	1.3	<b>691500</b>	
Swivel plate with wing nut 0.6"				2.6	<b>691700</b>	
Tilt restraint				0.66	<b>919036</b>	
NOEtop stabilizer connector				6.5	<b>697032</b>	
NOEstep				12.03	<b>137570</b>	
NOEtop alignment channel		4'8"		167.2	<b>135210</b>	
NOEtop stop-end clamp				21.8	<b>137830</b>	
<b>Transport items</b>						
Crane hook				14.1	<b>135905</b>	
Lifting pin				1.45	<b>136808</b>	
Plastic storage washer II				0.03	<b>919070</b>	
NOEbox		2'7.5"	3'10"	2'7"	171.6	<b>697598</b>
<b>NOE Plugs</b>						
Plug SFL 40, 250 pieces/package				1.9	<b>693410</b>	
Sleeve Ø 1.4", 250 pieces/package				12.1	<b>843012</b>	
Sleeve Ø 1.4", 250 pieces/package				12.1	<b>843013</b>	



**THE FORMWORK**



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