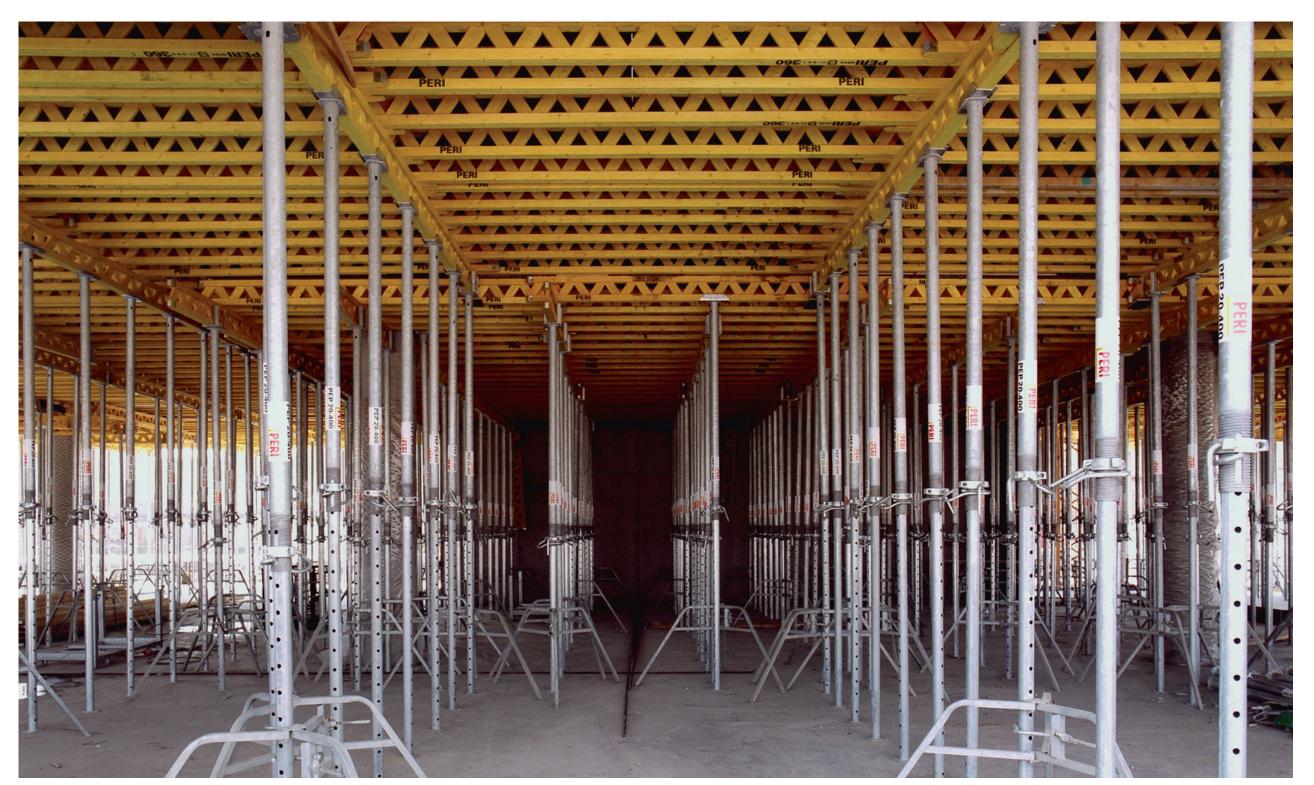


MULTIFLEXGirder Slab Formwork

Poster

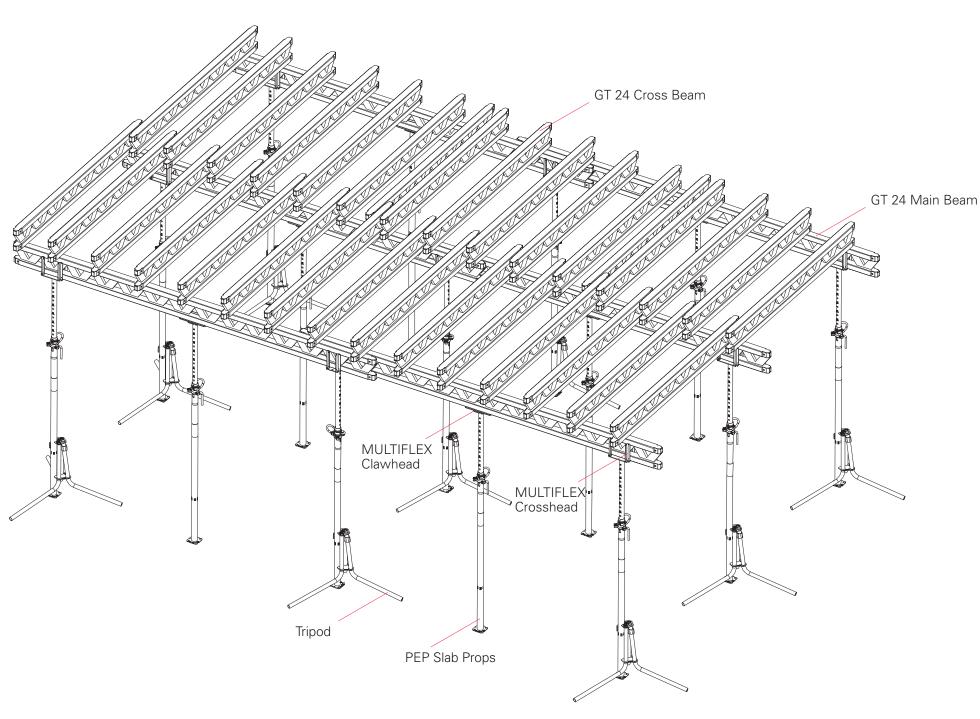


Edition 10 | 2016



MULTIFLEX

The flexible girder slab formwork for all ground plans and slab thicknesses up to 1.00 m



PERI

Guardrails

Important notes

- The slab props must be erected plumb.
- The horizontal fixed position of the MULTIFLEX in the formlining level for carrying the horizontal forces must be assured.
- Use suitable pallets to ensure safe transportation of MULTIFLEX components.
- More information is available in the MULTIFLEX Instructions for Assembly and Use.

Tips for ensuring smooth construction progress

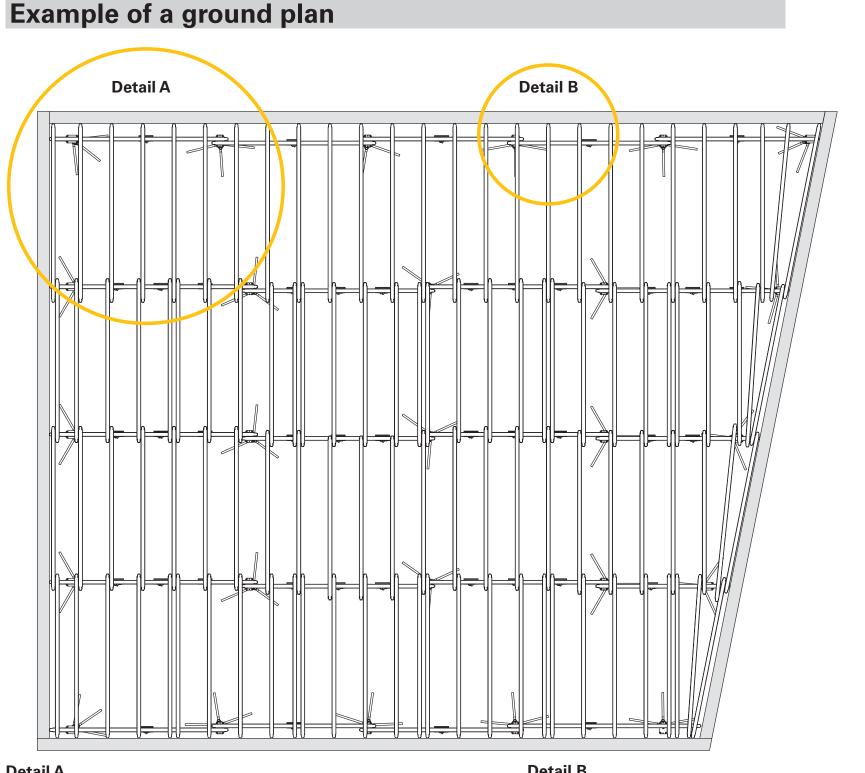
- Spray formwork on all sides with PERI Bio Clean before every use.
- Spray-wash rear of formwork with water immediately after concreting. This reduces the amount of cleaning work.

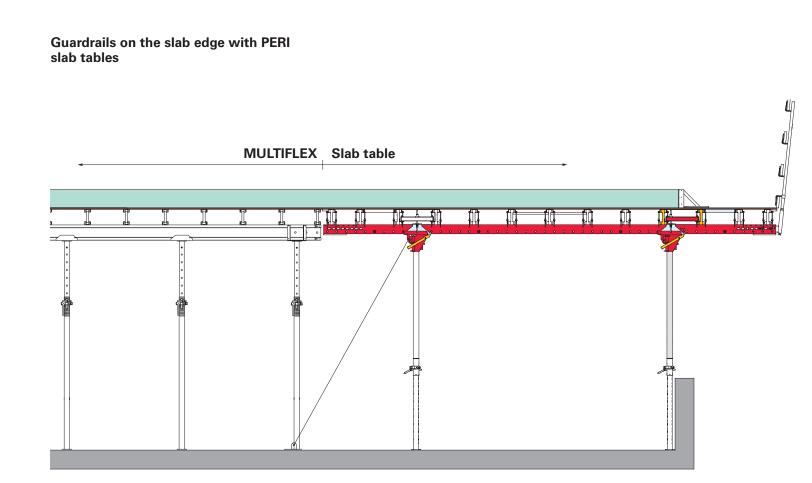
■ This poster presents only part of the intended use of the MULTIFLEX system. The poster may only be used in connection with the corresponding Instructions for Assembly and Use along with the Instructions for Use for

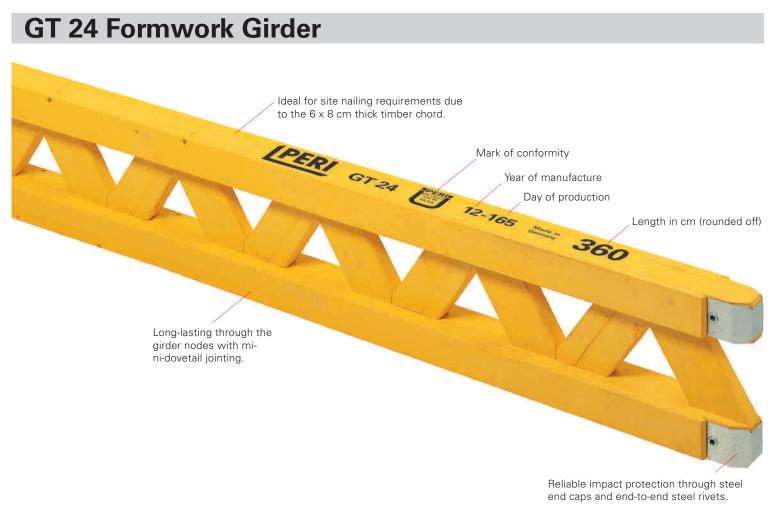
All current laws, guidelines and safety regulations must be observed in those countries where our products are used. If no country-specific regulations are available, it is recommended to proceed according to German

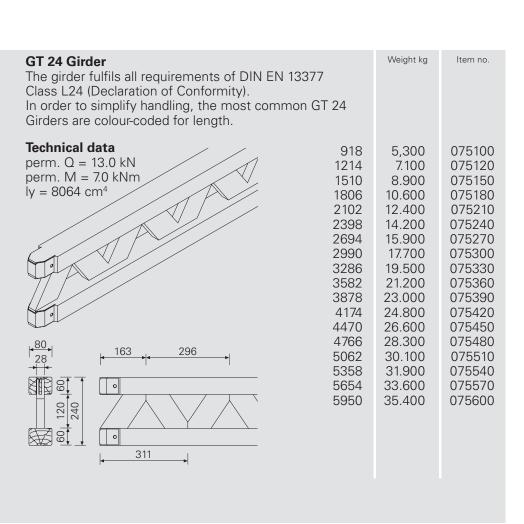




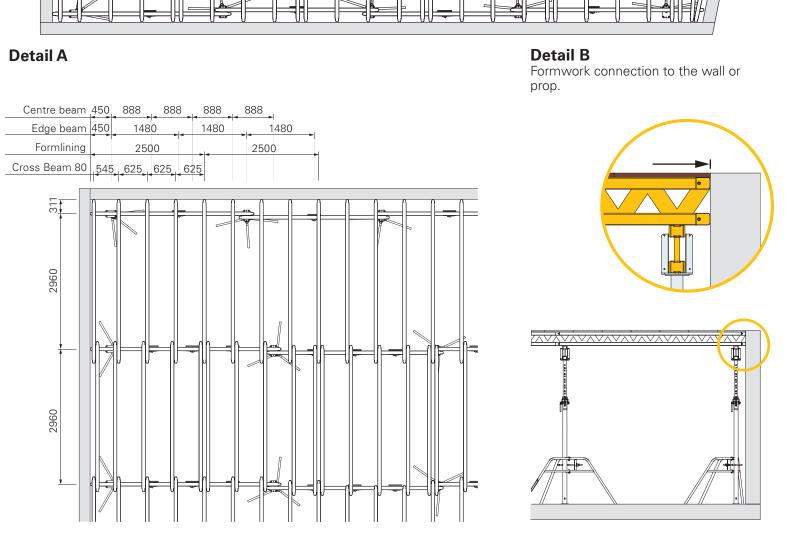


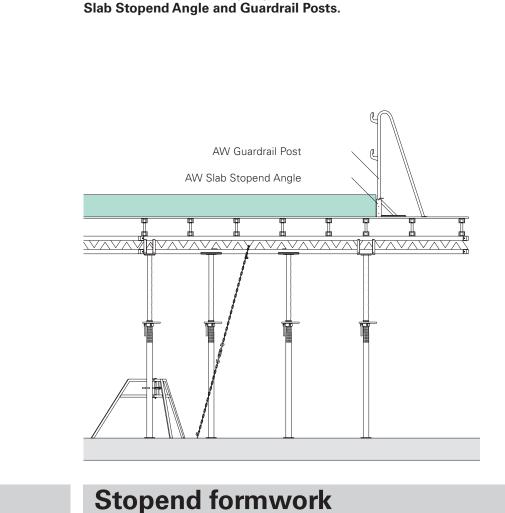






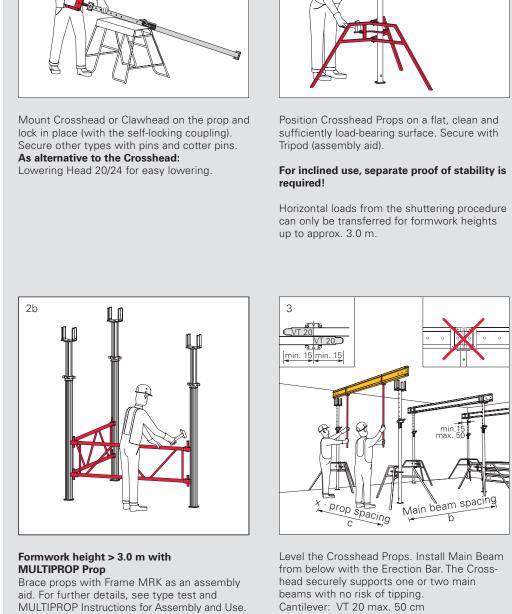
Turn the props so that the G-hook can be operated.



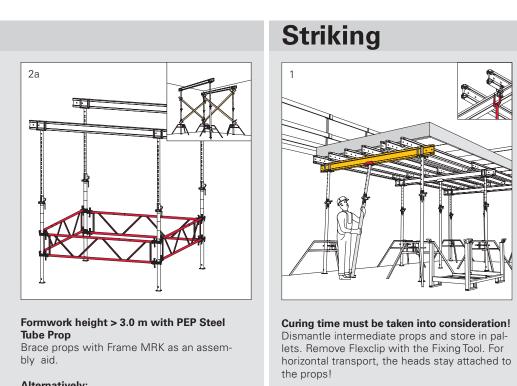


Guardrails on the casting segment with PERI AW



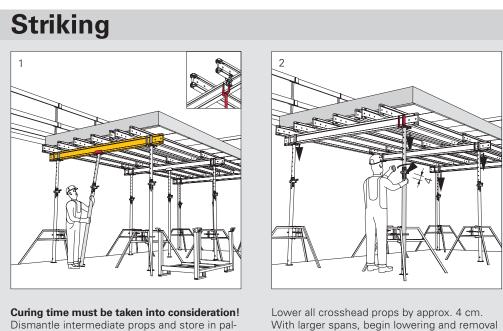


Shuttering

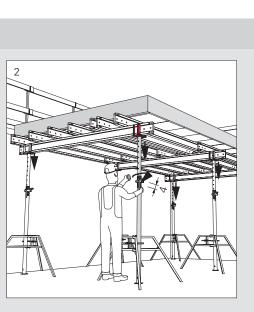


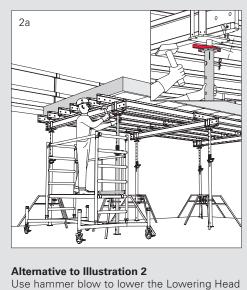
Mount diagonal bracing as an assembly aid

with boards and brace clamps.



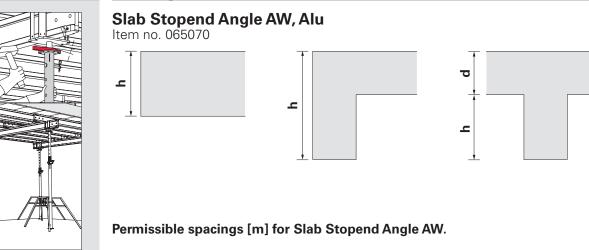
lining joints remain in position.



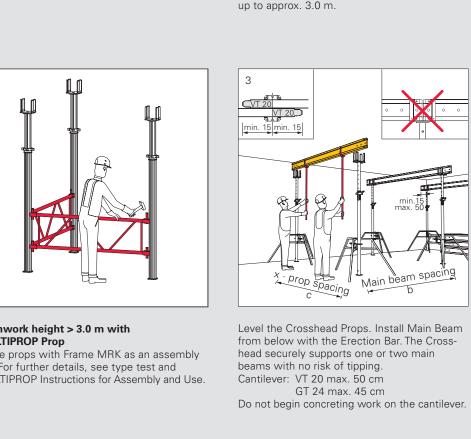


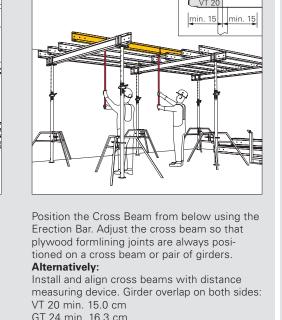
Push back wedge to the original position for

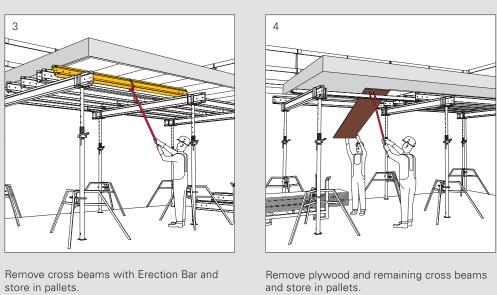
the next use and hammer in securely.



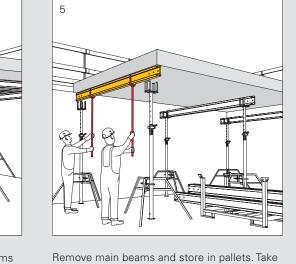
The slab stopend angle for setting slab stop ends of slabs up to 40 cm thick. 1.19 | 2.75 | 2.05 | 1.88 | 0.71 | 1.64 | 1.24 | 1.32 | 0.45 | 1.02 | 0.79 | 0.99 | 1.07 | 2.46 | 1.84 | 1.63 | 0.61 | 1.39 | 1.06 | 1.16 | 0.39 | 0.88 | 0.68 | 0.87 | **0.30** 0.93 2.15 1.61 1.43 0.54 1.23 0.94 1.03 0.77 0.60 0.78 **0.35** 0.82 1.89 1.41 1.28 0.47 1.08 0.83 0.92 0.69 0.53 0.69
 0.40
 0.73
 1.69
 1.26
 1.14
 0.42
 0.96
 0.73
 0.83
 0.62 0.48 0.63







of props in the slab centre.a



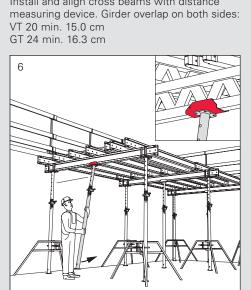
prop load into consideration!

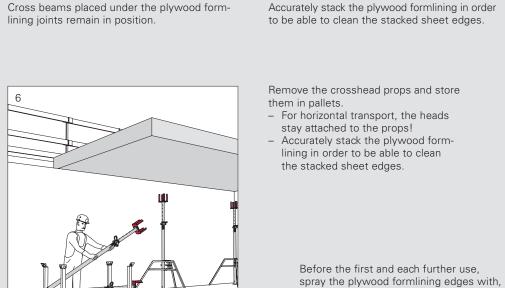
	Risk of tipping! Load effects are to be safely transferred!
	Risk of falling! Mount guardrails before shuttering and according to valid regulations! Secure cross beam against tipping, e.g. with Flexclip MULTIFLEX System. Fit plywood formlining and secure with nails. Level formwork and spray, e.g. with PERI Bio Clean. Attention: risk of slipping!
e MRK as an assembly see type test and s for Assembly and Use.	head securely supports one or two main beams with no risk of tipping. Cantilever: VT 20 max. 50 cm GT 24 max. 45 cm Do not begin concreting work on the cantilever.

Attach intermediate props with Clawheads in prop spacings c on the beam. Adjust lengths of props accordingly. GT 24

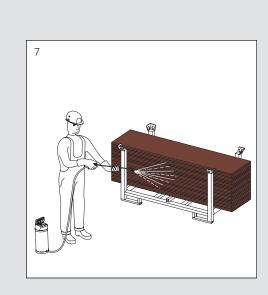
The MULTIFLEX slab formwork can now

be loaded. Ensure pallets are available on





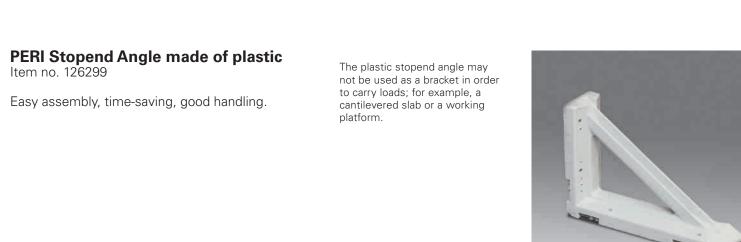
for example, PERI Bio Clean. This ensures easier shuttering and striking, and



In those cases where the formwork is not dis-

mantled or if back-propping is used, concreting

of a slab above could lead to overloading of the



issible propriodu [kiv] according to the type test																			
	PEP Erg	jo B-300	PEP Ergo B-350		PEP Ergo D-150		PEP Ergo D-250		PEP Ergo D-350		PEP Ergo D-400		PEP Ergo D-500		PEP Ergo E-300		PEP Ergo E-400		Design example
	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	Outer	Inner	L = 1.96 - Outer tube bot- tom	Inner	Outer	Inner	Depending on the slab thickness and selected secondary beam spacing, and depending on the formlining, this results in the permissible main beam and prop spacings.
					30.8	30.8													a a a a a a a a a a a a a a a a a a a

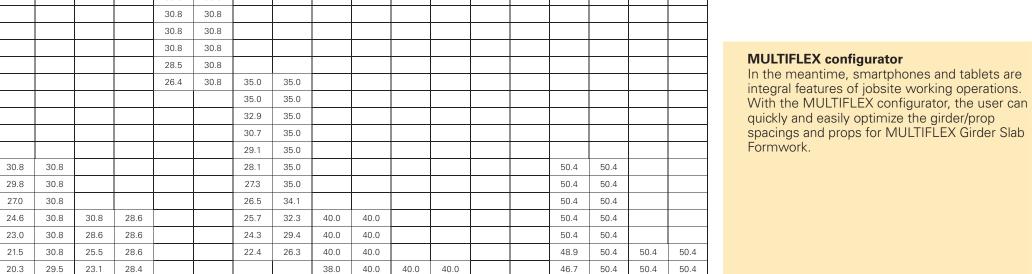
Clear room height H (m)

Slab thickness d (m)

Prop spacing c (m)

Prop type selection

Secondary girder spacing



31.8 37.0

28.1 32.4

26.4 30.4

24.8 28.5

44.7 50.4

43.0 50.4

39.1 46.3

50.4 50.4

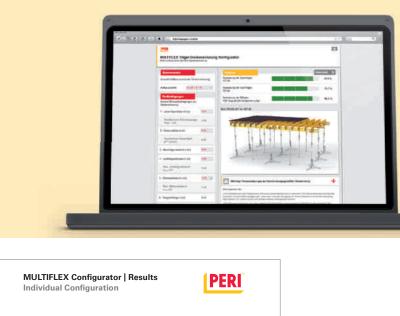
50.4 50.4

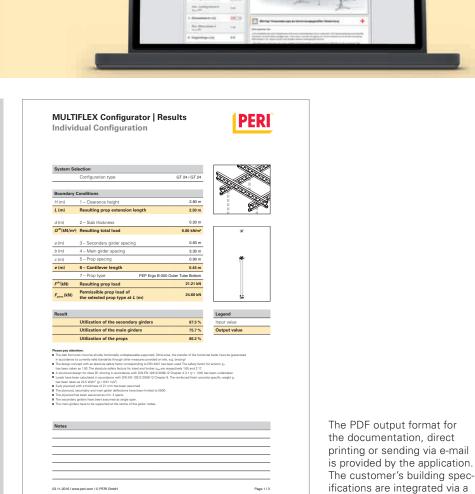
46.0 50.4

39.7 44.7

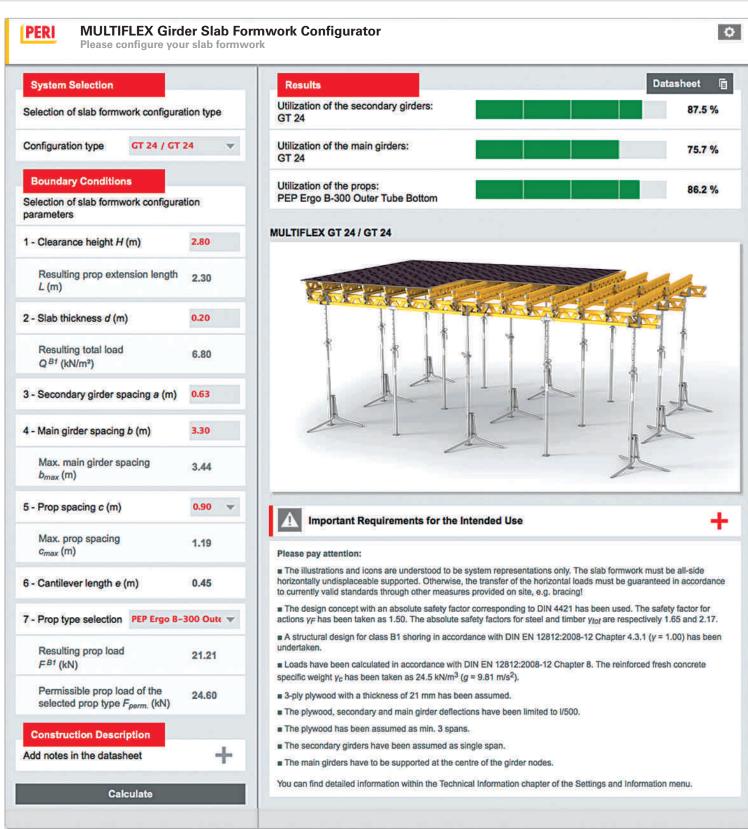
36.9 41.

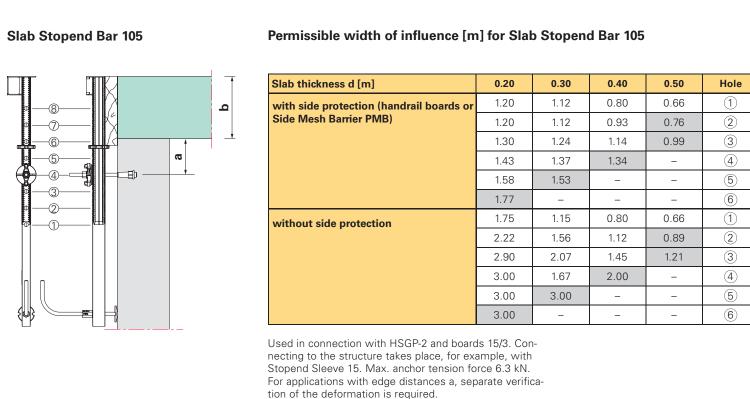
34.1 37.7



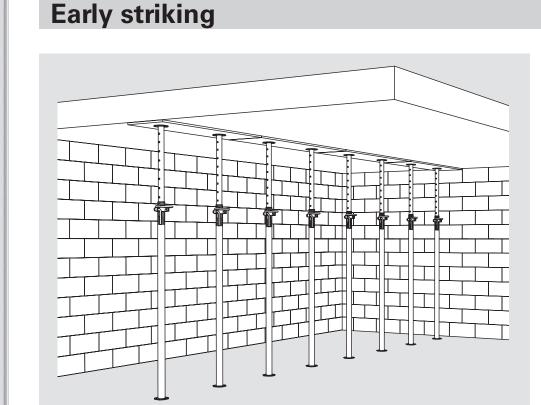


note in this data sheet.





tion of the deformation is required.



can be dismantled earlier and are then available for the next use. Striking procedure: Firstly, the temporary props must be positioned in the centre of the area (use more if necessary) according to static requirements. The actual striking then corresponds to the standard procedure. This means only a few props and formwork panels are additionally required.

Early striking with temporary props

In order to allow early striking, temporary props must be positioned first.

This means that formwork materials

35.2 40.0 40.0 40.0

33.1 40.0 40.0 40.0

29.9 40.0 40.0 40.0

18.3 24.8 19.8 27.4

15.6 20.2

18.6 26.1

17.5 24.4

16.3 22.8

The optimal System for every Project and every Requirement



Wall Formwork



Column Formwork



Slab Formwork



Climbing Systems



Bridge Formwork



Tunnel Formwork



Shoring Systems



Construction Scaffold



Facade Scaffold



Industrial Scaffold



Access



Protection Scaffold



Safety Systems



System-Independent Accessories



Services



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