



UNO+

Customised formwork for monolithic designs

Efficient working procedures

with lightweight elements, sophisticated technology and a low number of accessory components.

Cost-effective tie technology

with reusable ties that are installed on one side and up to 70% fewer tie points than comparable systems

Quick striking procedure

with an ingenious transition between wall and slab formwork as well as the drophead which allows for early striking



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UNO + allows you to shutter walls and columns as well as slabs and beams simultaneously and concrete them using the monolithic construction method. As such, this cost-effective, customised formwork is perfectly suited to residential construction with repetitive floor plans – from detached houses to multi-storey buildings.

The incredibly lightweight, aluminium elements are planned individually and prefabricated to meet the specific requirements of the project. This enables you to implement virtually any building geometry in a straightforward manner. By working with only a few individual components and using a straightforward assembly process without a crane, it is possible to reduce material losses and speed up working processes on your construction site.

The reusable ties and wall couplers which are installed on one side reduce the workload further still. With up to 70% fewer tie points, tightly closed panel joints and a high degree of panel rigidity, UNO + allows you to achieve a high-quality concrete surface while ensuring that reworking operations are kept to a minimum.

The sophisticated drophead system allows you to carry out the striking process ahead of time and reduces your on-site material requirements. Due to the fact that the slab props remain in position as temporary support using dropheads, you can start using the wall formwork elements, main beams and slab elements for the next concreting step. A 1-day concreting cycle allows you to achieve optimum productivity with as little manpower as possible. If necessary, PERI can also provide you with comprehensive support services, such as on-site project coordination, customised formwork planning and implementation of modifications for your next project.



Simple assembly process

The UNO + assembly is self-explanatory. This lowers the fault rate at your construction site.



Wide range of combinations

UNO+ scores with high quality and can be flexibly combined with the PERI portfolio.



Innovative panel connections

You can hammer the individual panels into place quickly and easily using UNO + wall couplers.

Advantages at a glance:

- For wall thicknesses from 10 cm to 30 cm and slab thicknesses up to 20 cm
- Permissible fresh concrete pressure: 70 kN/m²
- Crane-independent work processes using lightweight aluminium elements which are also easy to clean
- Very tight panel connections and a simple striking procedure using the wedge coupler
- Conical ties without spacer tubes, installed from one side only
- Early striking of the slab with the drophead; as an option, panels can be directly supported
- Modifications can be carried out for subsequent projects



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