

The Formwork Experts.

Formwork sheet 3S cut

Data Sheet



96402-800

The Formwork sheet 3S cut is a cost-effective 3-ply sheet for infill zones that does not fully comply with ÖNORM B 3023 and may have defects on one side.

Sheet structure

- Three-ply solid-wood sheet, spruce.
- The layers are crosswise glue-bonded.

Glue-bonding

- Boil-resistant, alkali-resistant, water-resistant and weather-resistant.
- The glue-bonding is compliant with the requirements of Austrian standard ÖNORM B 3023.

Surfaces

- Both sides urea-melamine resin coating with approx. 90 g per m² and side.
- No edge sealing.

Technical data

Note:

All values in the tables are based on a sheet moisture content of $12 \pm 3\%$ on delivery. Changes in the wood's moisture content can have effects on the weight, dimensions and mechanical properties of the sheet.

The grain of the outside layers of this formwork sheet runs parallel to the longitudinal direction of the sheet.

Thickness and weight:

Nominal thickness [mm]	Layers	Weight [kg/m ²]
21	3	9.7
27		12.1

Formats:

Length [cm]	Width [cm]
200	50
250	

Format tolerances:

	Tolerance
Length/Width	± 1.0 mm
Perpendicularity	± 1.0 mm/m
Straightness of sheet edge	± 0.2 mm/m

- **Fire behaviour:** D - s2, d0
- **Thermal conductivity:** 0.13 W/mK
- **Formaldehyde class:** E1

Type of application and concreting results

The Formwork sheet 3S cut allows for economical production of box-outs. For once-only uses, therefore, this sheet is ideal for use along with the high-grade Doka formwork sheets. The sheet has a 'low-absorbency' surface.

Notes on use

Ensure that the formwork sheets are treated correctly whenever they are used.

Formwork sheets are subject to the natural swelling and shrinkage of wood associated with moisture absorption and loss in the corresponding climatic conditions.

- Prior to use, always make sure that the wood moisture content of the formwork sheets is matched to that of the surroundings.
- Cover sheets to protect them from extreme climatic influences such as exposure to sunlight or moisture. This reduces cracking.
- Seal cut edges, and around holes, with edge varnish.
- Use a high-quality release agent (e.g. Doka-Trenn or Doka-OptiX).
- Immediately after stripping the formwork, remove concrete residues from the surfaces that were in contact with the concrete.



NOTICE

Do not use pointed or sharp objects, wire brushes, abrasive disks or cup brushes.

Do not use high-pressure spray cleaners.

General information

The data stated here are guide values.

Note:

Follow the directions in the 'Formwork sheets' User Information booklet!

You can download it here:



www.doka.com/three-ply-sheets