

Three-ply sheet without coating

Data Sheet



96411-800

The three-ply sheet without coating can be used for secondary purposes on construction sites.

Sheet structure

- ÖNORM B 3023-compliant 3-ply solid-wood sheet made of spruce.
- The layers are crosswise glue-bonded.
- Without all-round edge strip.

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

- No coating.
- 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/m²]
21	3	9.7
27		12.1

Formats:

Length [cm]	Width [cm]
500	100
600	

Format tolerances:

	Tolerance
Width	± 1.0 mm
Length	± 1.5 mm
Perpendicularity	± 1.0 mm/m
Straightness of sheet edge	± 0.2 mm/m

Mechanical properties (tested to EN 789):

Nominal thickness [mm]	f_m [N/mm²]		EI [kNm²/m]	
		⊥		⊥
21	30	-	7.2	-
27	25	-	14.0	-

f_m ... characteristic flexural strength

EI ... flexural rigidity

|| ... parallel to the grain

⊥ ... at right angles to the grain

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

Type of application and concreting results

Usable for secondary purposes on construction sites. Use of the sheet for concrete surfaces without any requirements regarding surface finish is possible.

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