

PERI Birch is the high-quality birch panel which is used in almost all areas for walls and slabs where high-end concrete surfaces are required.

Application

- Wall and slab formwork panel for concrete finishes with higher requirements

Base board

- PERI Birch is made of cross-bonded high-quality birch veneers throughout

Bonding

- Phenolic resin weather resistant glueing according to EN 314-2/class 3

Surface and edges

- Face and reverse: Dark brown phenolic resin film 120 g/m²
- Logo imprint: With or without "PERI Birch" logo, depending on local availability
- Edge treatment: Water resistant paint

Panel dimensions

- 1200/1220/1250/1500/1525 x 2400/2440/2500/2700/3000/3050/3600/3660 mm

Thicknesses

Nominal thickness	Number of plies	Weight kg/m ²
9 mm	7	6.3
12 mm	9	8.4
15 mm	11	10.5
18 mm	13	12.6
21 mm	15	14.7

Tolerances

- Size, thickness and squareness tolerance according to EN 315 or GOST 3916.1-96

Number of re-uses

- Typical number of re-uses is up to 50 times

The actual number of re-uses may vary depending on the application, type of use and handling. Please see additional our guide "PERI panel products – How to extend the lifetime of formwork plywood" or contact your local PERI panel manager.

Your benefits

- Smooth concrete surfaces for high-end fairfaced concrete results
- High number of re-uses
- Good machinability
- Other sizes and thicknesses on request



PERI GmbH Formwork Scaffolding Engineering

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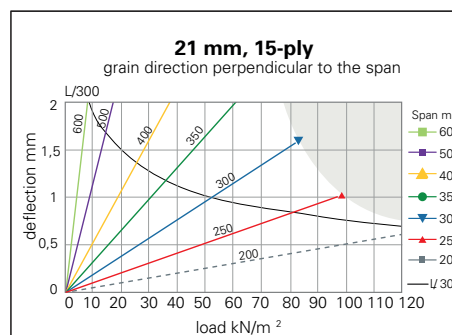
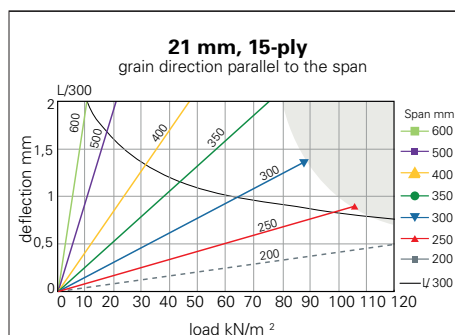
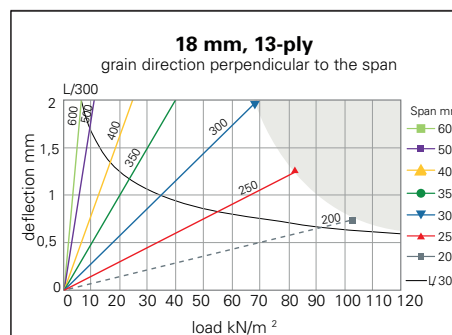
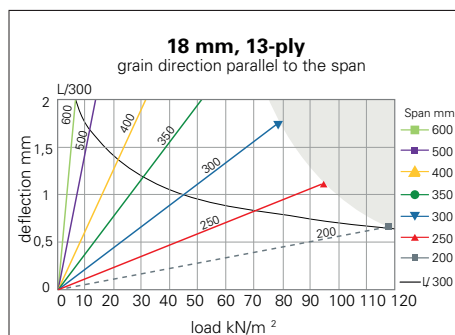
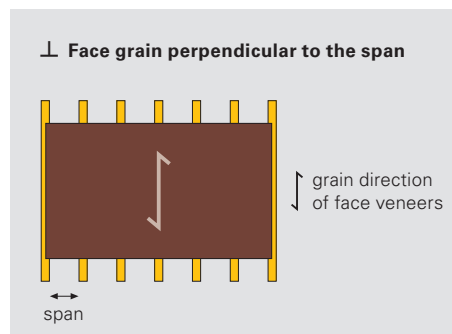
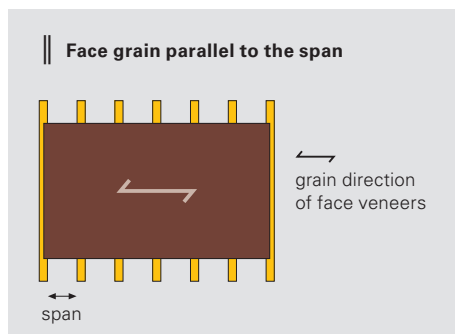
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Attention: The given number of re-uses and technical information are non-binding guide values.

We reserve the right to amend specifications without notice or obligation.

Technical information

- Mechanical properties of PERI Birch in standard thicknesses 18 mm and 21 mm
- Average moisture content of test samples $10 \pm 2 \%$

Nominal thickness	Mean modulus of elasticity bending (N/mm ²)		Characteristic strength bending (N/mm ²)	
	$E_{m\parallel}$	$E_{m\perp}$	$f_{m\parallel}$	$f_{m\perp}$
18 mm	10048	7452	40.2	34.1
21 mm	9858	7642	39.4	34.3



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