



Wonnemann - Flexible plywood

The wood-based material with a great shape!

Special peeled Fuma veneers are pressed with sliced veneers for manufacturing the Wonnemann-flexible plywood. This special plywood combination is the guarantor of the flexibility of this plywood. The bending direction crosses the fibre orientation of the top veneer. For example, taking a panel dimension of 2500 x 1700 mm you can create a column of 2500 mm height.

The thickness of the bendable carrier panel defines the possible radius – bending radii of up to 60 mm can be realized with a panel thickness of 4.1 mm. You may obtain thickness values over 14.1 mm by glueing more flexible plywood panels and bringing them into shape. The high inherent stability resulting is an advantage as well as the low retraction force.

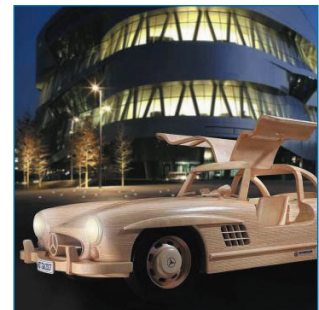
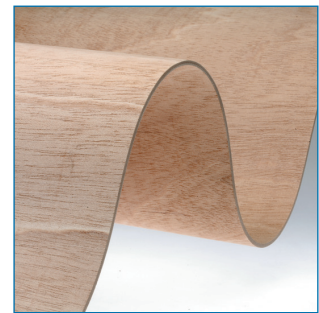
Flexible plywood offers flexible plasticity, screwing stability thanks to the use of grooveless material, low weight of 400 kg/m³ and also fast and easy processing.

Flexible plywood by Wonnemann – the wood-based material for good shape!

Whether it's by creative people, craft or industry – the flexible plywood by Wonnemann is used wherever a professional solution for round or curved shapes is required:

- ▶ construction: formwork
- ▶ furniture construction: round-shaped parts, exclusive furniture, custom products
- ▶ interior work: staircases, ceiling lining and panelling, pillars, counters
- ▶ exhibition construction: booths, demonstration models, displays
- ▶ model and mould making: prototypes, creative model concepts
- ▶ vehicle, caravan, naval, railway and aircraft construction

The possible range of applications for individual processing is vast and won't be exhausted for anytime soon. In order to meet your special construction requirements, however, the Wonnemann-flexible plywood is available in different configurations.



Specifications ▶ ▶ ▶



Gerhard Wonnemann Holzwerk GmbH · Mühlenstraße 16 · 33378 Rheda-WIEDENBRÜCK / Germany
 Fon: +49(0)5242 160 · Fax: +49(0)5242 16-72 · info@wonnemann-holzwerk.de · www.wonnemann-holzwerk.de



Specifications

Wonnemann - Flexible plywood

Face veneers:	selected peeled Fuma veneers				
Surface:	duplex grinding				
Core:	sliced veneers selected by us				
Thicknesses:	4.1 mm*	6.1 mm*	8.1 mm*	12.1 mm	14.1 mm
Layers:	3-ply	3-ply	3-ply	5-ply	5-ply
Bending radius up to:	approx. 60 mm	approx. 80 mm	approx. 100 mm	approx. 200 mm	approx. 250 mm
Panel dimensions:	2520 x 1720 mm, 1720 x 2520 mm				
Adhesive bonding:	IF according to DIN 68705, also available AW on request				
Special features:	grooveless material, excellent plasticity, light weight approx. 400 kg/m ³				

**Available
from stock.**

**For more
information,
see our
price list.**



*Test at WKI,
Fraunhofer Institute
Prüf-Nr.: B1712 / 08 Mai 2008

Please quote the purpose of use, dimensions, thickness and glueing so that we can meet your individual demands.
We are pleased to realize your wishes.

We promise you top quality!

