



# WISA<sup>®</sup>-Form Maxi Birch WISA<sup>®</sup>-Form Super Maxi Birch

**WISA-Form Maxi Birch and WISA-Form Super Birch are phenolic film coated panels for use as concrete shuttering in highly demanding applications where a high quality concrete finish and a high number of re-uses are required.**

## Base Board

Birch plywood, made of thin 1.4 mm veneers. Base panel birch throughout.

## Bonding

Phenolic resin cross-bonded weather resistant glueing according to EN 314-2/ class 3 (DIN 68705 Teil 3: BFU 100; BS 6566 Part 8: WBP).

## Surface and edges

WISA-Form Maxi Birch has a coating weight for both sides is 220 g/m<sup>2</sup>.  
WISA-Form Super Maxi Birch has a coating weight for both sides is 540 g/m<sup>2</sup>.  
Face and reverse: Brown phenolic film (abt. RAL 8017).  
Edge protection: Two coats of water resistant paint.  
Only the top side can be used for concrete shuttering.

## Machining

Edge and CNC machinings are available at request.

## Reuses

The typical number of re-uses is likely to be in the range of 30 -80 times with WISA-Form Maxi Birch and 30 – 100 times WISA-Form Super Maxi Birch. However the number of re-uses will depend on a wide range of factors including good site practice, the required concrete finish, careful handling & storage of the forms and the type and quality of release agent.

## Thicknesses and weight

Nominal thickness (mm)	Number of plies	Min. thickness (mm)	Max. thickness (mm)	Weight kg/m <sup>2</sup> (MC 10 %)
9	7	8,3	9,1	6
12	9	11,0	12,0	8
15	11	13,8	14,8	10
18	13	16,6	17,6	12
21	15	19,5	20,5	14
24	17	22,3	23,3	16

Moisture content: 10 +/- 2 %



## Panel sizes

Maxi panels are 2000-12400 x 2000-2700 mm

Size tolerances:

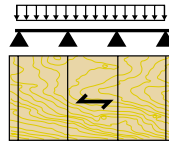
Length / width (mm)	Tolerance (mm)
<1000	+/- 1
1000 - 2000	+/- 2
2001 - 6000	+/- 3
>6000	+/- 5

Squareness tolerance: +/- 1 mm / 1000 mm length of diagonal

## Design Data

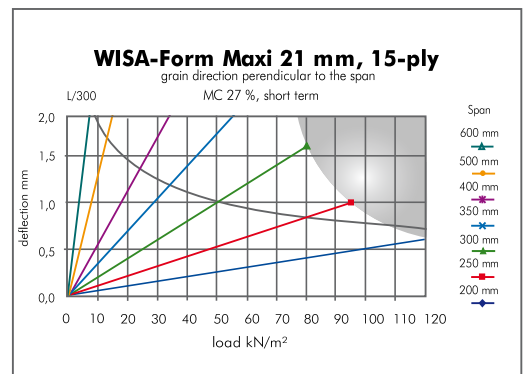
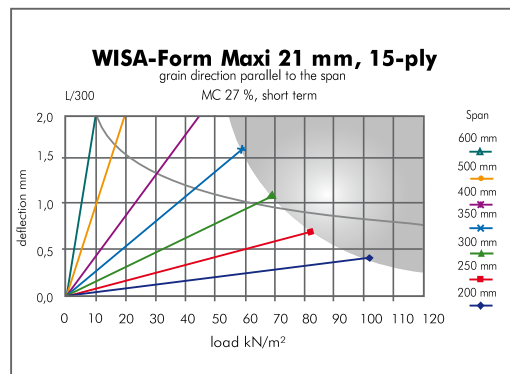
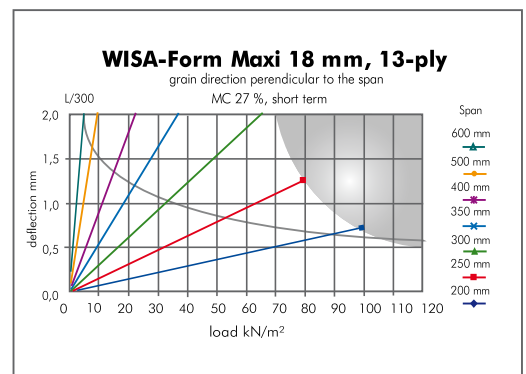
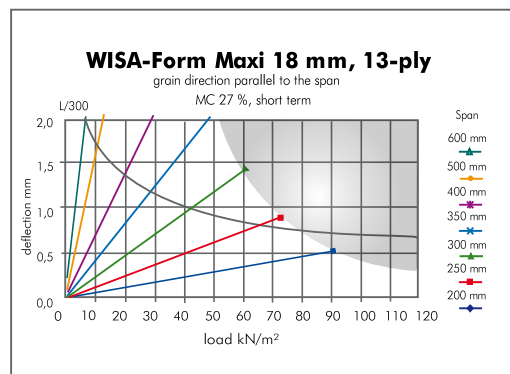
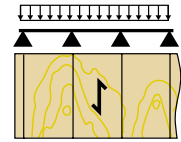
Face grain parallel to the span ( I I )

← grain direction of surface veneers



Face grain perpendicular to the span ( I - )

← grain direction of surface veneers



## Instructions for use

The upper side of the panel is for concrete use. See "Site guidance note for Plastic (PP), phenol surface film (PSF) and medium density overlay plywood" available from UPM.

UPM policy is one of continuous development. We reserve the right to amend specifications without notice or obligation.



Niemenkatu 16  
P.O. Box 203  
FI-15141 Lahti

Tel. +358 204 15113  
Fax +358 204 156447

www.wisa.com  
www.upm-kymmene.com