

WISA[®]-Form Pro

WISA-Form Pro is a high performance hybrid formwork panel, combining the excellent strength properties of Birch with a composite coating for improved formworking properties.

Base board

Plywood made solely from birch (hardwood) veneers, giving the panel its excellent weight-strength ratio.

Bonding

Weather resistant bonding according to EN 314-2/class 3.

Surface and edges

Face: Grey composite coating

Reverse: Dark brown phenolic film

Edge sealing: Water resistant paint

Constructions and thicknesses

Nominal thickness (mm)	Number of plies	WISA-Form Pro standard sizes	
		min. (mm)	max. (mm)
15	11	14.3	15.3
18	13	17.1	18.1
21	15	20.0	20.9

Panel size

Standard panel sizes:

1200/1220/1250/1500/1525 x 2400/2440/2500/2700/3000/3050/3300/3600/3660 mm

Special and cut sizes on customer's request.

Size tolerance (length/width) ± 1 mm per metre

Squareness tolerance ± 1 mm per metre length of diagonal

Reuses

Typical number of reuses is likely to be in the range of 30 - 100 times. However, this will vary according to many different factors including good site practice, required concrete finish, amount of care taken when compacting the concrete, handling and storage of the forms, type and quality of release agent.





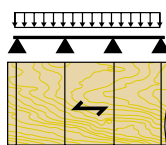
DESIGN DATA

Mechanical properties of WISA-Form Pro, in standard thicknesses, moisture content $10 \pm 2\%$.

Nominal thickness (mm)	Mean modulus of elasticity bending (N/mm ²)		Characteristic strength bending (N/mm ²)	
	Eml	Eml-	fml	fml-
18	10048	7452	40.2	34.1
21	9858	7642	39.4	34.3

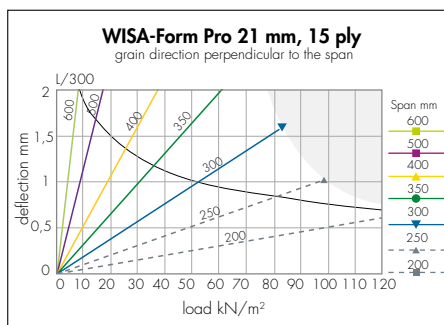
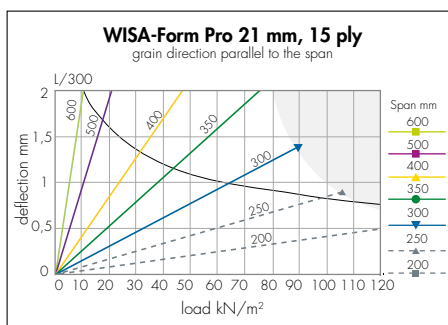
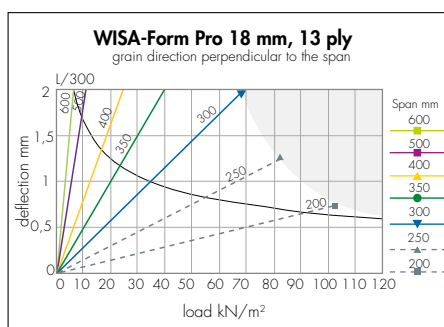
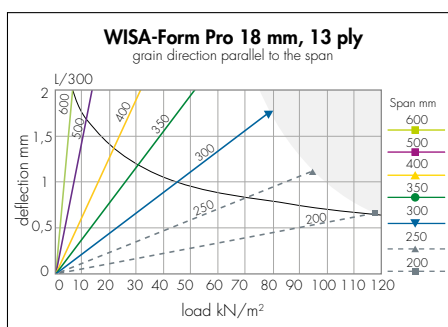
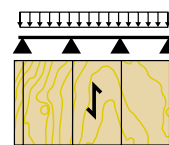
**Face grain
parallel to the span (||)**

← grain direction of
surface veneers



**Face grain
perpendicular
to the span (I-)**

← grain direction of
surface veneers



Moisture content 27 %, short time loading

Partial safety factor for the material is 1.3. Partial safety factor for the loads is 1.2.

Deflection limit $L/300$ of the span

Support width is not taken into account in calculations

Instructions for use

See "Guide to good site practice" available from UPM or www.wisaplywood.com.



UPM Plywood

Niemenkatu 16

P.O. Box 203

FI-15141 Lahti

Finland

Tel. +358 204 15 113

Fax +358 204 15 112

www.wisaplywood.com

www.upm.com

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