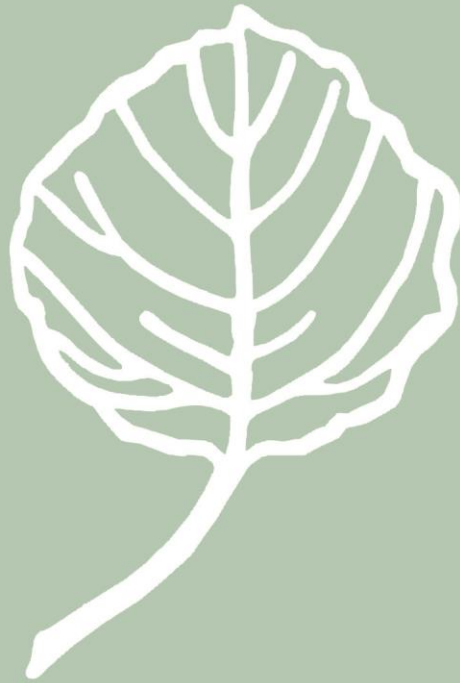






WELDE FILM-FACED ROBUSTA PLYWOOD

Welde Film Robusta Plywood is a film-faced shuttering plywood for multiple usage,
made of Robusta poplar species.

Veneer sheets are glued together by using water-resistant phenol-based glue with E1
formaldehyde emission. The plywood meets the requirements of
Standards EN 13986:2004+A1:2015; EN 636-3S and EN 314-2.

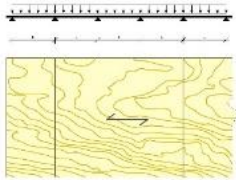
Upon proper care and usage, panels could easily exceed 15 times usage for concrete formwork.

TECHNICAL DATA

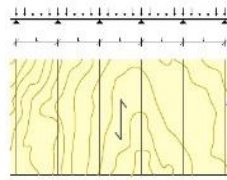
Standard applied	EN 3986:2004+A1:2015; EN 636-3S
Dimension	2500 x 1250 mm / 1250 x 2500 mm
Thickness	8 / 10 / 12 / 15 / 18 / 21 / 24 / 27 / 28 / 30 mm
Size tolerance length/ width	± 2 mm
Surface type	smooth both sides
Surface film	phenol-resin film, 120 g/sqm, dark brown
Edge protection	water resistant sealing
Wood type	Robusta / Poplar
Formaldehyde emission Class	E 1
Water resistance	panels pass 72 - hours boiling test as per EN 314-1/2
Humidity	8 – 12 %
Bonding strength	meets the requirements of EN 314-2
Module of elasticity	meets the requirements of EN 636-3S
Bending strength	meets the requirements of EN 636-3S
Abrasive resistance of top layers (Taber rotations)	350 - 400
Density	480 (+ 20/-30) kg/m ³

ESSENTIAL TECHNICAL DATA

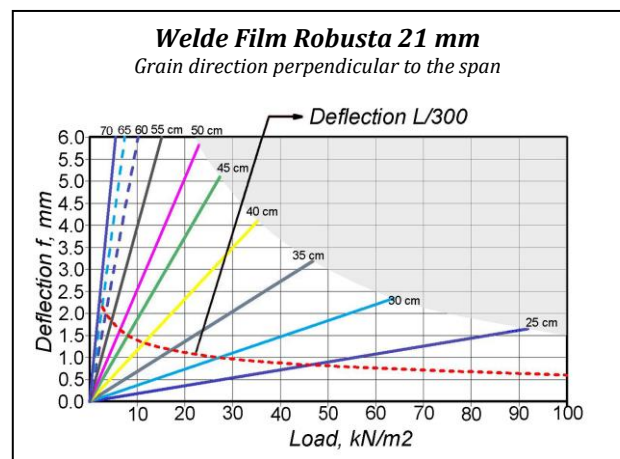
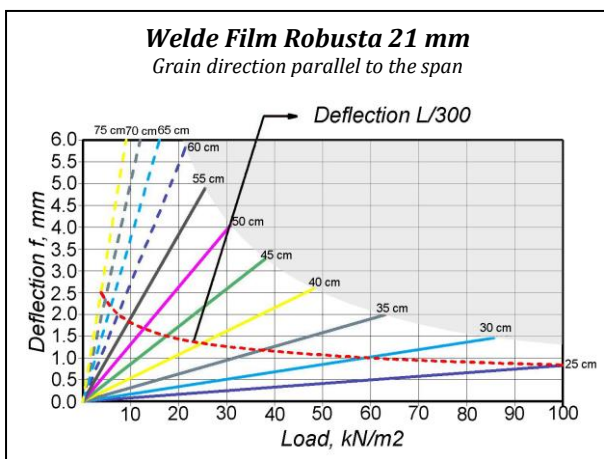
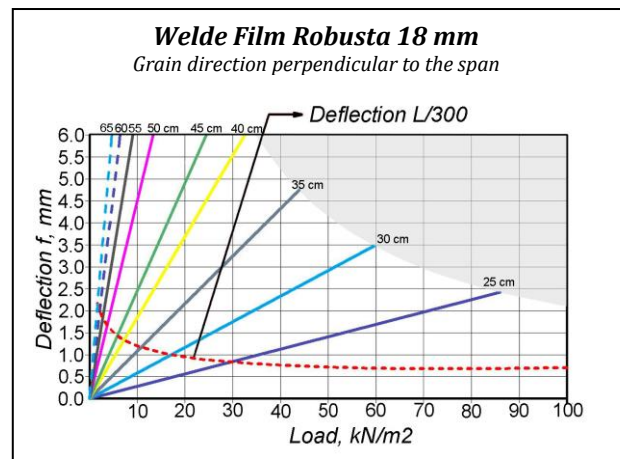
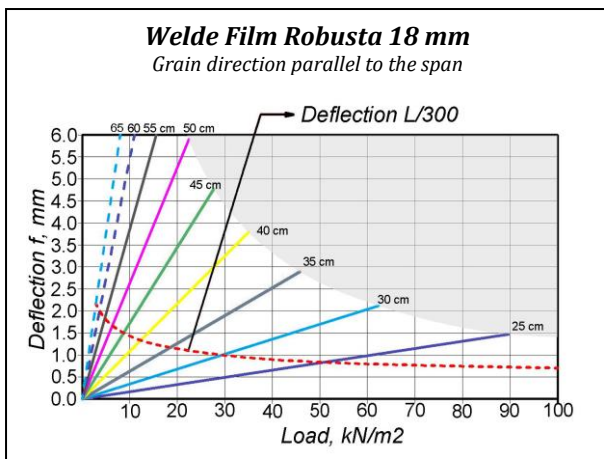
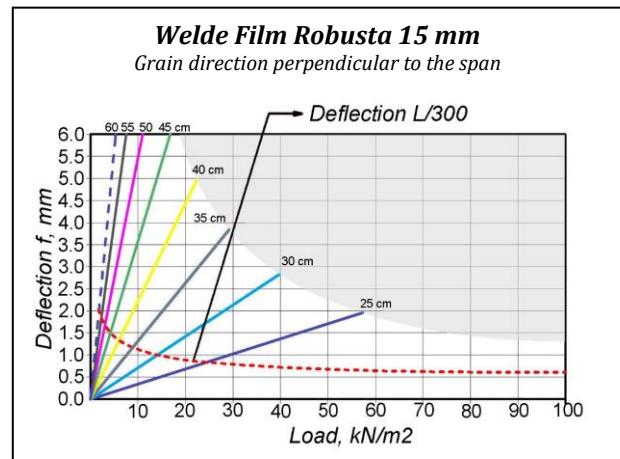
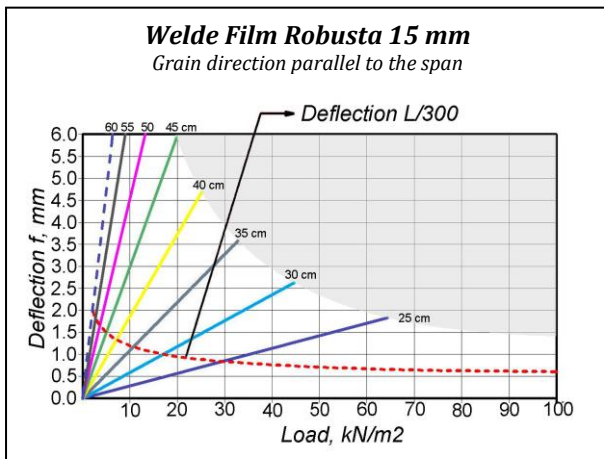
THICKNESS mm	MODULE OF ELASTICITY N/mm ²		BENDING STRENGTH N/mm ²	
	Em II	Em I-	fm II	fm I-
15	3330	2766	32.0	28.5
18	3330	1946	31.0	29.7
21	4197	1943	31.3	23.3



Grain direction
parallel to the span (II)



Grain direction
perpendicular to the span (I-)



LOGISTIC DATA

THICKNESS mm	LAYERS number	WEIGHT PER SHEET kg (approx.)	WEIGHT PER BUNDLE kg (approx.)	PIECES PER BUNDLE number
8	4	12	1520	126
10	5	15	1520	101
12	6	18	1520	84
15	7 or 8	22	1520	67
18	9	26	1520	56
21	11	31	1520	48
24	12	35	1520	42
27	13	40	1520	37
28	14	41	1520	36
30	15	44	1520	34



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