SVEZA LVL

FOR FURNITURE COMPONENTS

100% BIRCH UNIDIRECTIONAL PLYWOOD

COMPLIANCE

CE CARB M1 EMISSION CLASS FOR BUILDING MATERIAL

SVEZA

100% birch wood

100%

All plies in same direction

High bending strength

SVEZA.COM

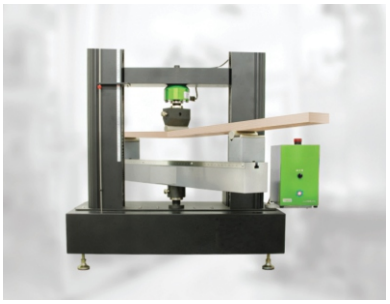
KEY BENEFITS

100% birch veneers

A tradition of high-quality, durable products. Easy cutting, milling and machining.

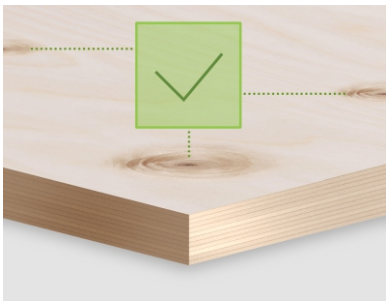
Waterproof glue

Special glue for marine-grade plywood



High bending strength

Two times higher bending strength compared to solid wood

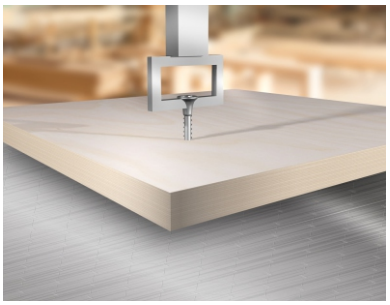


Reduces production waste*

No further cutting is needed to remove strength-reducing defects

Consistent quality from end to end

Unlike in solid wood, knots do not compromise the strength of the sheet



For extra strong structures

20% higher screw withdrawal resistance compared to particleboard

*Compared to solid wood.

TECHNICAL SPECIFICATIONS

Grade and surface	C/C, other grades on request
Panel sizes, mm (ft)	2440x1220 and 2500x1250 (8x4)
Glue	Extra waterproof WBP (Exterior)
Thickness	15, 18, 21, 24, 25, 27, 30, 38, 40 mm
Composition	Unidirectional plywood throughout
Formaldehyde emission	E1, E0.5, E0.05 ppm CARB & EPA on request
Moisture	5-12%

SIZE TOLERANCES

Sheet length x width	Tolerance
1220x1250	± 3.0
1500x1525	± 4.0
2440x2500	± 4.0

THICKNESS TOLERANCES

Thickness, mm	Plies, min	SANDED BOTH SIDES (S2S)		UNSANDED (NS)	
		Tolerance, mm	Thickness variation, max mm	Tolerance, mm	Thickness variation, max mm
15	11	± 0.3	0.3	+1.0; -0.7	1.5
18	13			+1.3; -0.8	
21	15			+1.0; -1.0	
24	17			+1.0; -1.5	
25	18			+1.0; -1.5	
27	19			+1.5; -1.8	2.0
30	21			+1.6; -2.0	
35	25	± 0.5		+1.6; -2.0	
38	27			+1.6; -2.0	
40	28, 29			+1.6; -2.0	

Birch plywood can be made to the customer's specifications for thickness, number of plies, and tolerances. For achieving the desired thickness tolerance, sanding of the back veneer down to the adhesive layer is allowed.

The length of a birch plywood sheet is measured along the grain of the face and back veneers.

S2S plywood can have its back veneer sanded down to the adhesive layer.

COMPLIANCE

CE CARB M1 EMISSION CLASS FOR BUILDING MATERIAL ДОБРОВОЛЬНАЯ СЕРТИФИКАЦИЯ VOLUNTARY CERTIFICATION

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