

Excellent wear resistance

8 times more wear resistant than the standard film*

* 8 times more wear resistant than the standard 120 gr/m² film. At least 4000 cycles Taber test result. Based on laboratory tests.



SVEZA Titan

SVEZA Titan is special birch plywood overlaid with a special wear resistance black phenolic film with rough wire mesh pattern.

Application

- Truck and trailer flooring
- Factory floors
- Warehouse floors
- Storage shelves
- Loading platforms
- Scaffoldings
- Pier surfaces
- Playgrounds
- Flight cases

Advantages

- Excellent wear resistance
- High anti-slip properties
- Good chemical resistance
- Light and dimensionally stable
- Strong and rigid
- Environmentally friendly
- Easy to machine

SVEZA Titan was designed with high abrasion resistance so it is best used where high wear resistance, good anti-slip properties and pleasant visual appearance are required.

Gluing classes

SVEZA Titan is glued with waterproof phenol formaldehyde resin adhesive. Water resistant glue meets the requirements of the following standards:

- EN 314 / 3 class;
- BFU 100.

Surface pattern

The panels are overlaid with a phenolic film with a special anti-slip pattern imprinted.

Type of overlay	Taber test results, revolutions
SVEZA Titan	At least 4000

Edge sealing

Edges of the panels are sealed with special acrylic paint.

Technical characteristics

Standard sizes*, mm (ft)	1220x2440x1220 (4x8x4) 1250x2500x1250 (4x8x4) 1500/1525x2440/2500 (5x8) 1500/1525x3000/3050 (5x10)
Standard thickness, mm	6-40
Wear resistance of the film	At least 4000 cycles (Taber abrasion test)
Grading	I/I
Surface quality	Smooth/wire mesh (F/W)
Edge sealing	Waterproof acrylic paint
Base plywood (for filming)	SVEZA Exterior Birch Plywood
Formaldehyde emission class	E1
Density, kg/m ³	640-700
Moisture content, %	5-14

* Only standard sizes are specified. Other sizes are available by special order.

Size tolerances

Length or width of plywood sheets, mm	Tolerance, mm
1220, 1250	±3,0
1500, 1525	±4,0
2440, 2500	±4,0
3000, 3050	±5,0

Other sizes are available by special order. Length of plywood panels is defined along the grain of outer layers.

Strength and elasticity properties

Subject	Thickness, mm	Index
Static bending strength, N/mm ² , not less		
along the outer layer grain	9-40	60
across the outer layer grain	9-40	30
Strength in tension along the grain, N/mm ² , not less	3-8	30
Modulus of elasticity in static bending, N/mm ² , not less		
along the grain	9-40	6000
across the grain	9-40	3000

Tolerances

Nominal thickness, mm	Number of plies	Sanded plywood		Unsanded plywood	
		Tolerance, mm	Max difference in measurements, mm	Tolerance, mm	Max difference in measurements, mm
6	5	+ 0,4; - 0,5	0,6	+ 0,9; - 0,4	1,0
6,5	5	+ 0,4; - 0,5		+ 0,9; - 0,4	
8	6 / 7	+ 0,4; - 0,5		+ 1,0; - 0,5	
9	7	+ 0,4; - 0,6		+ 1,0; - 0,5	
10	7 / 8	+ 0,5; - 0,6		+ 1,0; - 0,5	
12	9	+ 0,5; - 0,7		+ 1,1; - 0,6	
15	11	+ 0,6; - 0,8		+ 1,2; - 0,7	1,5
18	13	+ 0,7; - 0,9		+ 1,3; - 0,8	
21	15	0,0; - 1,1		+ 1,0; - 1,1	
24	17	0,0; - 1,5		+ 1,0; - 1,5	
27	19	0,0; - 1,8	1,0	+ 1,5; - 1,8	2,0
30	21	0,0; - 2,0		+ 1,6; - 2,0	
35	25	0,0; - 2,0		+ 1,6; - 2,0	
40	28 / 29	+ 1,2; - 1,2		+ 1,6; - 2,0	

Plywood with other thicknesses, sizes, number of plies and tolerances are available by special order.