

EASY TO CUT



EASY TO MARK



EASY TO ORDER

MEASURED ONCE, CUT WITH EASE!

SVEZA® DECK 350
THE ONLY PLYWOOD
WITH LAYOUT GRID



Deck 350

50 mm

25 mm

100%

BIRCH
PLYWOOD



PATENTED
TECHNOLOGY



SVEZA

The world leader in birch plywood
production



WWW.SVEZA.COM

Advantages of SVEZA Deck 350 compared to conventional film faced plywood*:

SVEZA Deck 350 is a special film faced plywood with a grid pattern intended for slab formwork. It comes with 25, 50, and 100 mm grid patterns. These types of lines simplify plywood marking and cutting, as well as rebar placement. That allows to reduce labor costs at the construction site**.

Production process of plywood with layout grid is patented***.

SVEZA Deck 350 edges are coated with special acrylate-based waterborne paint with low water permeability. It is a high-strength plywood made of 100% birch veneer, all layers are smooth, without cavities inside. SVEZA Deck 350 surface is smooth, and coated with German-made wear resistant material (wearing capacity is 350 Taber test rotations).

Grid pattern



Has a pitch of 25, 50, 100 mm. Simplifies the plywood marking and cutting.



Convenient to place chairs and for rebar placement.

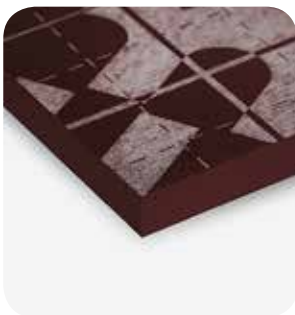


Convenient to cut non-standard elements and square corners.



Reduced work time and labour costs.

Edges



Sealing on edges for moisture protection.

Comparative experiment conducted in Moscow showed that SVEZA Deck 350 plywood saves time on construction site. Time saving in construction of 16-storey building with 3 entrances shall be more than 170 hours.

* Ordinary film faced plywood is waterproof plywood produced using phenol-formaldehyde resin adhesive and covered with phenol film with no marking grid.

** Video "Saving time with plywood SVEZA Deck 350" <http://www.sveza.com/video>.

*** Registered in the State Register of Useful Models RF 01.20.15, RF patent number 150519.

How to extend service life of plywood SVEZA Deck 350:



When cutting plywood, protect flat ends with paint, such as Teknol JRL (Finland), or a sealant to prevent penetration of moisture (swelling).



Fill all holes, made in the course of installation works, with a silicone-based adhesive to prevent penetration of moisture (swelling).



Avoid plywood dropping and dragging over the ground.



After the formwork is dismantled, inspect the plywood. Remove any excess concrete. Do not use severely deformed sheets for further works. If damage is minor, use the sheets for non-standard elements.



Plywood sheets, intended for assembling of the formwork on the following floors, should be arranged to be hoisted by a crane to the floor above.

All tips on service life extension for special plywood SVEZA Deck 350 are given in brochure "Recommendations on transportation and storage of SVEZA film faced birch plywood" on website www.sveza.com in section Library / Brochures.



Technical specifications

Standard sizes, length × width, mm (ft)	1,220×2,440×1,220 (4×8×4) 1,250×2,500×1,250 (4×8×4)
Thickness, mm	18, 21
Surface type	smooth/smooth (F/F)
Wear resistance of the film, cycles in Taber abrasion test	350
Formaldehyde emission class	E1
Water resistance	high
Density, kg/m ³	640 – 700
Moisture content, %	≤ 14
Edge sealing	water-based acrylic paint
Produced under STO 00255177-002-2014 Film faced birch plywood. For STO visit Library section on www.sveza.com	

Strength properties

Static bending strength, MPa, not less than	along outer layer grain	60
	cross outer layer grain	30
Modules of elasticity in static bending, MPa, not less than	along the grain	6,000
	across the grain	3,000

Size tolerances

Length or width of plywood sheets, mm	Maximum tolerance, mm
1,220/1,250	±3.0
2,440/2,500	±4.0

Thickness tolerances

Nominal thickness of plywood, mm	Number of plies, pcs	Maximum tolerance, mm
18	13	+0.7; -0.9
21	15	0.0; -1.1

Number of sheets in a crate

Size, mm	Nominal thickness of plywood, mm	Crate height, mm			
		400		600	
		Number of sheets in a crate, pcs	Volume, m ³	Number of sheets in a crate, pcs	Volume, m ³
1,220×2,440×1,220	18	22	1.179	33	1.768
	21	19	1.188	29	1.813
1,250×2,500×1,250	18	22	1.238	33	1.856
	21	19	1.247	29	1.903

Loading capacity standards

Size, mm	Crate height, mm	Truck		Container		Relicar	
		Number of crates	Volume, m ³	Number of crates	Volume, m ³	Number of crates	Volume, m ³
1,220×2,440×1,220	400	24	29	28-29	35-36.5	60-74	75-92
	600	16	29	-	-	45	84
1,250×2,500×1,250	400	23-24	29-30	29-30	35-36	60-74	71-88
	600	16	30	-	-	45	80

The actual loading capacity standards can differ from the basic standards, depending on the terms agreed upon with the client.

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FPC is certified by Notified Body 1075 – MPA Bremen



EN 13986
EN 636-3



DIN 68705-3 –
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