

Presentation Brochure

# SVEZA Deck 350

Special plywood with a grid pattern  
for slab formwork

[www.sveza.com](http://www.sveza.com)

## SVEZA Deck 350 Key Benefits

Easier plywood markup and cutting at the construction site thanks to parallel lines. Reduced working hours.

**Grid Pattern:**  
Easy to cut finishing and flange panels, and cut right angles.





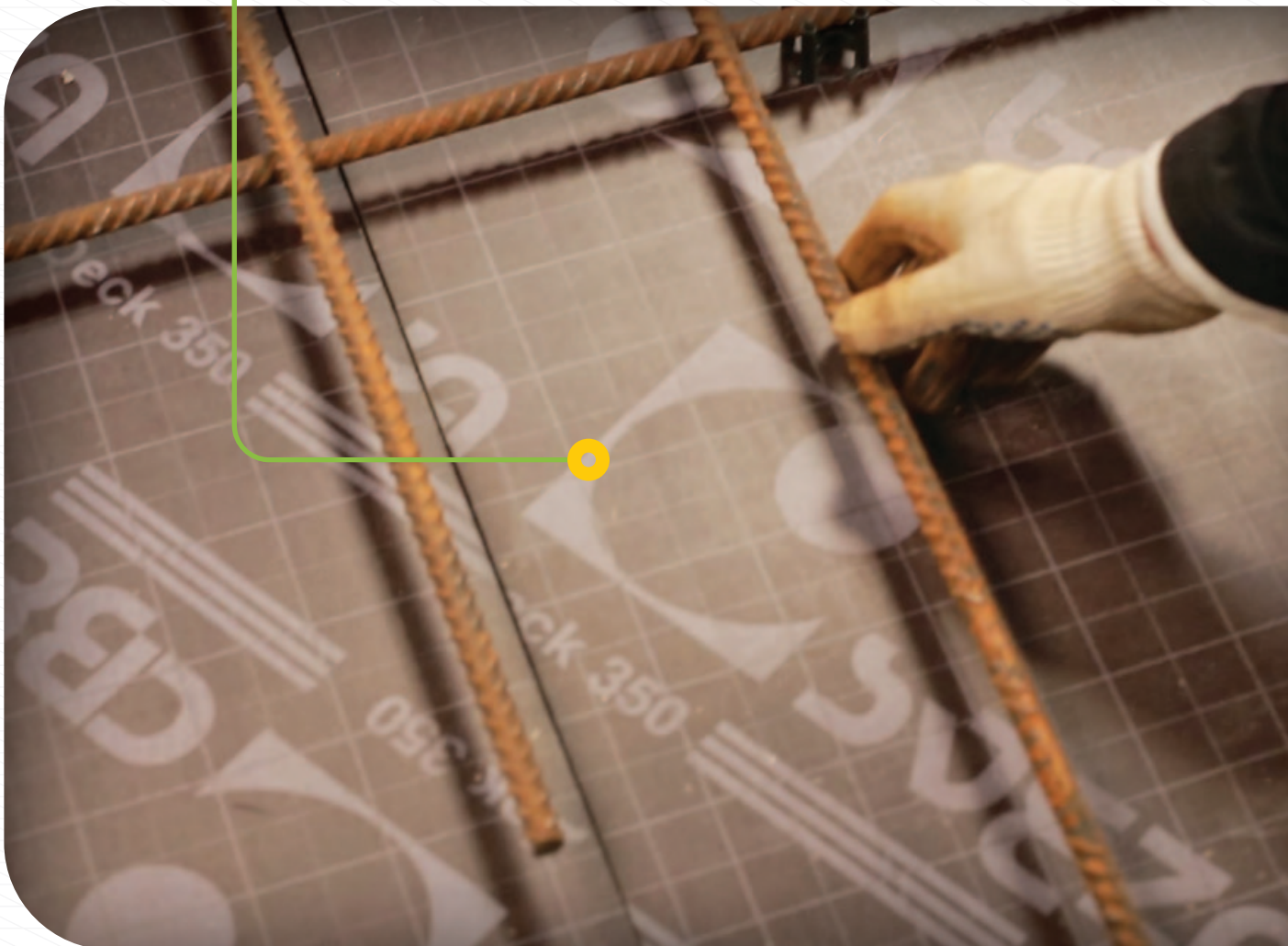
# SVEZA Deck 350 Key Benefits



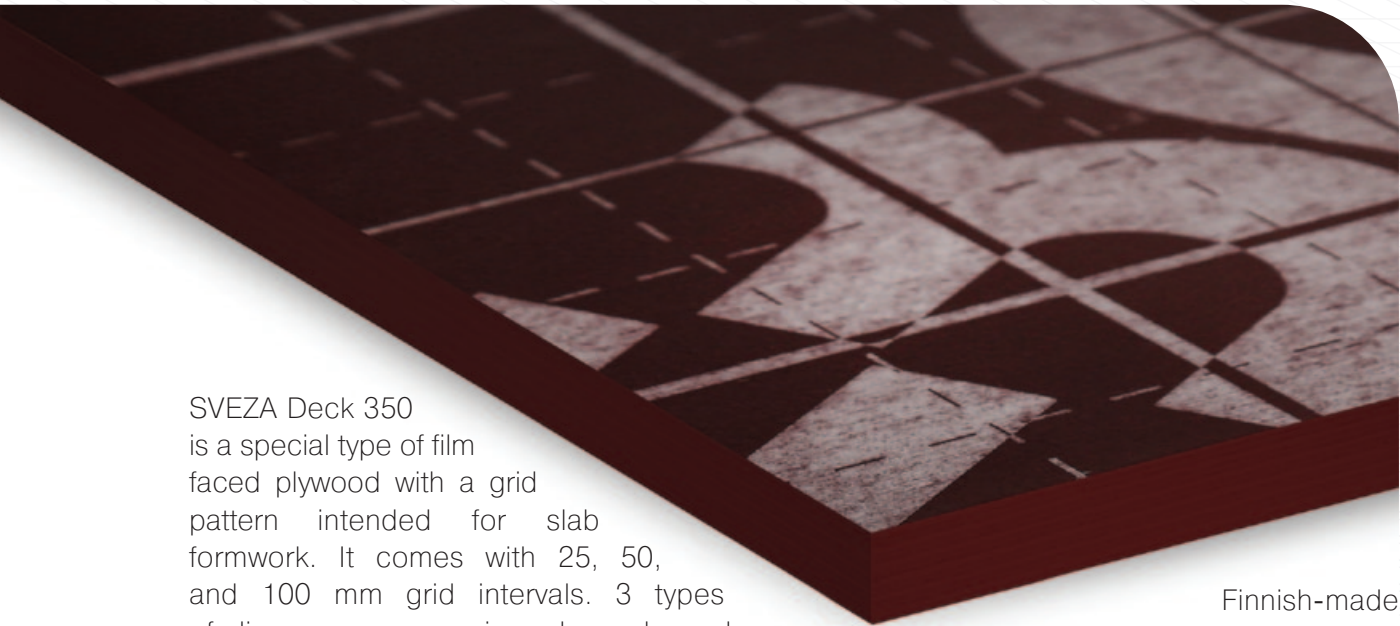
## Grid Pattern:

Easy to place  
metal bar chairs and  
reinforcement

The pattern can also be used  
as the template for rebar placement.



# SVEZA Deck 350



SVEZA Deck 350 is a special type of film faced plywood with a grid pattern intended for slab formwork. It comes with 25, 50, and 100 mm grid intervals. 3 types of lines ensure easier plywood markup and cutting, as well as rebar placement. This reduces workload at the construction site.

Production process for plywood with a grid pattern is patented\*.

SVEZA Deck 350 edges are coated with special acrylate-based waterborne

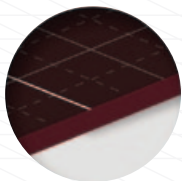
Finnish-made paint with low water permeability. High-strength board is made of 100% birch plywood, all veneers are even, with no voids inside. SVEZA Deck 350 surface is smooth, and coated with German-made wear resistant material (wearing capacity is 350 Taber test rotations).

## SVEZA Deck 350 advantages over the standard film faced plywood\*\*:



### **Grid Pattern:** Easy to cut plywood and place reinforcement

A comparative experiment carried out in Moscow shown that SVEZA Deck 350 plywood saves time at the construction site. Time saving at the construction of a 3-section 16-storey block of flats is over 170 hours\*\*\*.



### **Edges:** Increased moisture protection

Testing carried out at the Lakokraska Testing Center lab has shown that the special paint on SVEZA Deck 350 edges significantly reduces water absorbing capacity. Standard film faced plywood takes on moisture faster\*\*\*\*.

\* Registered in the National Register of Utility Models of the Russian Federation as of 20.01.15, RF Patent number 150519

\*\* Standard film faced plywood is a water resistant plywood produces using a resin phenolformaldehyde adhesive and coated with a phenol material with, no marking. The edges are coated with a Russian-made water-dispersible paint acrilc paint.

\*\*\* See "Save time with SVEZA Deck 350 Plywood" video at <http://www.sveza.com/video/6>.

\*\*\*\* Lakokraska Testing Center lab test protocol, 2011.

# SVEZA Deck 350 Specifications



## Technical specifications

Standard size*, mm (ft)	1220x2440x1200 (4x8x4)
Standard thickness, mm	18, 21
Surface type	Smooth/smooth (F/F)
Wear resistance	350 Taber test rotations
Edge sealing	Special acrylate-based waterborne paint
Base plywood (for filming)	SVEZA Exterior Birch Plywood
Formaldehyde emission class	E1
Density, kg/m <sup>3</sup>	640-700
Moisture content, %	5-14
Produced under STO 00255177-002-2014 "Film-faced birch plywood."*	

## Strength specifications

<b>Static bending strength, N/mm<sup>2</sup>, not less</b>	along the outer layer grain	60
	across the outer layer grain	30
<b>Modulus of elasticity in static bending, N/mm<sup>2</sup>, not less</b>	along the grain	6000
	across the grain	3000

## Size tolerances

Length/width of plywood sheets, mm	Tolerance, mm
1220	±3,0
2440	±4,0

## Tolerances

Nominal thickness of plywood, mm	Number of layers, pcs.	Tolerance, mm
18	13	+0,7; -0,9
21	15	0; -1,1

## Number of sheets and crate volume

Plywood thickness, mm	Crate height, mm			
	400		600	
	Number of sheets in a crate, pcs	Crate volume, m <sup>3</sup>	Number of sheets in a crate, pcs	Crate volume, m <sup>3</sup>
18	22	1,18	33	1,77
21	19	1,19	29	1,81

## Transport loading capacity

Size, mm	Crate height, mm	Truck		Railcar	
		Number of crates	Volume, m <sup>3</sup>	Number of crates	Volume, m <sup>3</sup>
4x8x4 (1250x2500x1250 mm) Film Faced Plywood	400	23-24	29-30	60-74	75-92
	600	16	30	45	84
4x8x4 (1220x2440x1220 mm) Film Faced Plywood	400	24	29	60-74	71-88
	600	16	29	45	80

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

## Certificates



\* For STO 00255177-002-2014, visit "Certificates" section of [www.sveza.com](http://www.sveza.com) website.



# Why Customers Choose SVEZA Deck 350

## MatRex building construction at Skolkovo (Moscow)

A manager at a construction materials  
supply company:

"The Matryoshka building is an exceptionally complex architectural project. The markup grid pattern on SVEZA Deck 350 plywood was used as a material cutting template

for nonstandard concrete parts which allowed to execute accurately the archy, curved geometry of both Matryoshka's body and the whole building as well."



Copyright: fotiyka

For full text, see the article at  
<http://www.stroyplan.ru/press.php?showitem=1796>

# Why Customers Choose SVEZA Deck 350



## Higher School of Economics' buildings refurbishment (Moscow)

A foreman at one of Monarch Group's  
construction companies:

"All the time, specialists stumble upon service openings such as shafts, ducts, etc., so they have to cut plywood in line with certain formwork shapes. SVEZA Deck 350 plywood with a grid

pattern has become a regular find for us, for it allows to avoid drawing and cut it right away. This saves heaps of time and makes our work easier."



For full text, see the article at  
<http://www.metalinfo.ru/ru/news/71255>



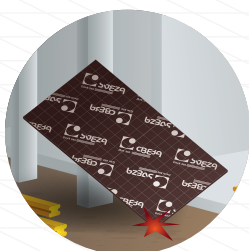
# How to extend the life of SVEZA Deck 350 plywood



When cutting plywood, protect flat ends with paint. SVEZA recommends to use the acrylic paint TEKNOS Teknol JRL (Finland) or a sealant to prevent penetration of moisture (swelling).



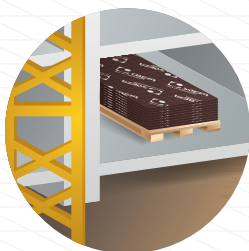
Fill all holes, made in the course of installation works, with a silicone-based adhesive to prevent penetration of moisture (swelling).



Avoid dropping plywood and dragging it 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 damages are 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.

For more information on extending life of SVEZA Deck 350 plywood, see "Recommendations on transportation and storage of SVEZA Film Faced Birch Plywood" in "Brochures" section of [www.sveza.com](http://www.sveza.com) website.



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