

# 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.

# 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.