

Natural solid wood

**NOVATOP SWP**  
Multilayer solid wood panel

**NOVATOP** 

# NOVATOP SWP

## MULTILAYER SOLID WOOD PANEL

Multilayer panels NOVATOP are manufactured from natural wood under strict environmental regulations. As the first Czech manufacturer we obtained the Natureplus certificate in 2008.

## DESCRIPTION

Multilayer panels NOVATOP are made of coniferous sawnwood dried to 8% (larch 12%). Each layer of the panel consists of lamellas of solid wood. The three-layer panel consists of one middle layer rotated by 90° relative to the outer layers. The five-layer panel has one middle layer rotated by 90° relative to the two parallel surface layers on each side. The thickness of the layers can differ and determines the final thickness of the panel. The lamellas of the middle layer are glued longitudinally, and lengthwise they are connected with the butted joint or they can be continuous. Their thickness is a maximum of 60 mm.

The outer layers are made of continuous lamellas with a thickness of 6 or 9 mm and a width of 93-143 mm. On every panel, there is always the same width of the surface lamellas whose right side faces the surface. The longitudinal joints of the lamellas are glued together. The adhesive used is waterproof and the surface lamellas are glued according to AW 100, or possibly D4 according to EN 204.

The quality of sanding corresponds to the grain size of 100 (coarser sanding is made to order).

## ADVANTAGES

- The character of natural solid wood
- Natural non-toxic material
- Dimensional stability
- High tensile strength
- Excellent workability of surfaces and edges
- Large format
- Easy manipulation and assembly
- Very wide range of applications in the interior and the exterior



14 mm (4-6-4)
16 mm (5-6-5)
19 mm (6-7-6)
21 mm (6-9-6)
27 mm (6-15-6)
27 mm (9-9-9)
32 mm (9-14-9)
42 mm (9-24-9)
50 mm (9-32-9)
60 mm (9-42-9)
45 mm (9-9-9-9-9)
60 mm (9-9-24-9-9)



spruce



larch



silver fir

## NOVATOP SWP

### 3-layer panels

**Wood:** Central European spruce, Nordic spruce, Siberian larch, silver fir  
**Standard thicknesses (mm):** 14 (4-6-4), 16 (5-6-5), 19 (6-7-6), 21 (6-9-6), 27 (6-15-6), 27 (9-9-9), 32 (9-14-9), 42 (9-24-9), 50 (9-32-9), 60 (9-42-9)  
**Standard widths (mm):** 1,040, 1,250, 2,100, 2,500  
**Standard lengths (mm):** 2,500, 2,750, 3,000, 4,000, 5,000, 6,000  
**Non-standard formats (mm):** According to the individual demand

**Types of panels:**  
NOVATOP SWP  
NOVATOP STATIC  
NOVATOP FREE – formaldehyde-free gluing  
NOVATOP EASY  
NOVATOP ALTHOLZ



## NOVATOP STATIC

### 5-layer panels

**Wood:** Central European spruce  
**Standard thicknesses (mm):** 45 (9-9-9-9-9), 60 (9-9-24-9-9)  
**Standard widths (mm):** 1,040, 1,250, 2,100, 2,500  
**Standard lengths (mm):** 5,000, 6,000  
**Types of panels:** NOVATOP STATIC L, NOVATOP STATIC Q

## QUALITY

A, B, C, D and their combination. Classification of quality of surface lamellas is performed in accordance with EN 13017-1 and internal regulations of AGROP NOVA a.s.



## EXAMPLES OF APPLICATION

Multilayer panels NOVATOP can be machined with all standard woodworking tools and machines as solid wood can. As for the surface finish, all methods used for solid wood are suitable. When used in the outdoor environment, the natural properties of solid wood must be taken into account.

## IN THE BUILDING INDUSTRY

Ceiling and floor structures, load bearing shells of sloping roofs, roof overhangs, cladding, facades, extensions, installations, structures of halls, carpentry structures, etc. Preferred quality: B/C, C/C, C/D.

## IN CARPENTRY

Wall, ceiling and partition cladding, floors, staircase steps, furniture and interior equipment, door frames, doors, shutters, production of packaging, boxes, etc. Preferred quality: A/B, AB/B, B/B, B/C.



Heavily brushed

## SWP WITH STRUCTURED SURFACE

3-layer solid wood panels with surface finish

**Types of surface:** Fine and coarse brushing, chopping

**Wood:** Spruce, larch

**Standard thicknesses (mm):** 14, 16, 19, 21, 27, 32, 42, 50, 60

**Standard formats (mm):** up to 2,100 x 6,000, minimum length of 1,000

### EXAMPLES OF APPLICATION

Manufacture of furniture and interior equipment, cladding of walls and ceilings.



ALTHOLZ 4A



ALTHOLZ 1A

## NOVATOP ALTHOLZ

3-layer solid wood panel with a covering layer made of old wood

**Types of surfaces:** 1A, 4A, 4B, 4C

**Wood:** Spruce

**Standard thickness (mm):** 19 (6-7-6)

**Standard width (mm):** 1,250

**Standard length (mm):** 2,600, 2,800, 3,000, 3,200

**Types of boards:**

4 - old sunburnt boards, manually brushed,

1 - beams and boards from a roof truss, manually brushed

### EXAMPLES OF APPLICATION

Manufacture of furniture and interior equipment, cladding of walls and ceilings.





## NOVATOP EASY

### Spring & groove + chamfered edge

3vrstvá masivní deska

**Machining:** Spring & groove + chamfered edge (4 sides)

**Wood:** Spruce

**Standard thickness (mm):** 19, 27

**Netto format (mm):** 690 x 2,500, 625 x 2,500

**Quality:** B/C, C/C, C/D

**Packaging:** 48 or 32 pcs

**Application:** Interior, exterior

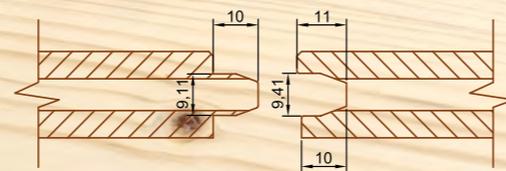
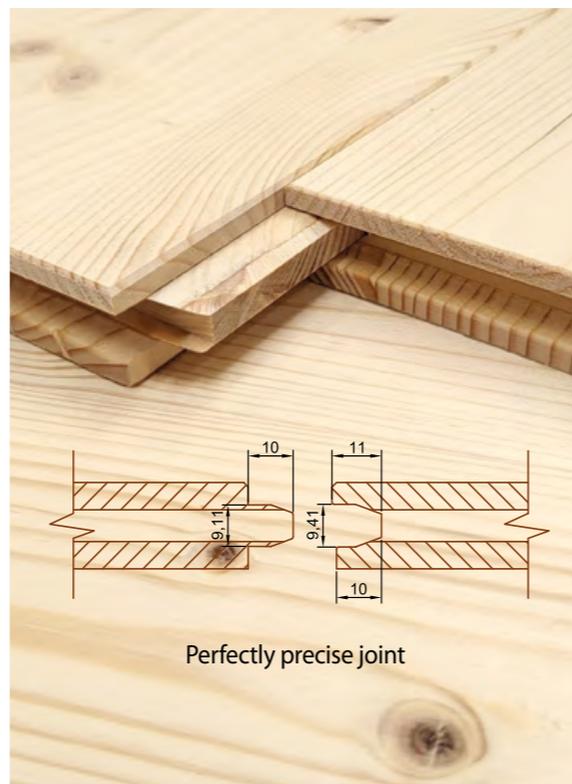
#### Precision machining:

Machining tolerance in the thickness of  $\pm 0.4$  mm

Width and length tolerance  $\pm 0.5$  mm

Tolerance of sanding thickness  $\pm 0.2$  mm

Surface finishes and other machining according to the individual demand.



Perfectly precise joint

## MACHINING OPTIONS

3-layer panels, 5-layer panels

#### STANDARD

Grooves from the sides, finger joint.

#### NON-STANDARD

Perforations into various profiles (milling, cutting, drilling), milling of grooves and openings of various shapes and others, according to the individual demand.

**Wood:** Spruce, fir

**Standard thickness (mm):** up to 60 mm

**Formats:** up to 2,500 x 6,000 mm

**Quality:** B/B, B/C, C/C, C/D





## REFERENCE



## SURFACE FINISHES

### 3-layer solid wood panels with surface finish

**Wood:** Spruce, fir

**Quality:** B/C, C/C, C/D

**Standard thickness (mm):** 19, 27

**Standard length (mm):** 2,500, 3,000

**Standard width (mm):** 625, 690, 1,040, 1,250

**Max. format:** 1,250 x 5,000 mm

### SURFACE FINISH FOR THE EXTERIOR

**View side of SWP:** Pre-final or final surface

**Bottom side of SWP:** Primer

### TYPE OF SURFACE FINISH

Water soluble, UV stable

Glazing paint: Remmers Induline LW-760

Varnish: Remmers Induline DW-660

### COLOUR TONE

**Glazing paint:** Transparent with white pigments

**Varnish:** Covering with white pigments

### APPLICATION

Application in the exterior to places with protection from direct weather conditions – e.g. roof soffits, pergola

### SURFACE FINISH FOR THE INTERIOR

**View page SWP:** Primer or final surface

### TYPE OF SURFACE FINISH

Glazing paint, water-soluble glazing paint, UV stable

Adler Lignovit Interior UV 100

### COLOUR TONE

Natur – transparent without pigments

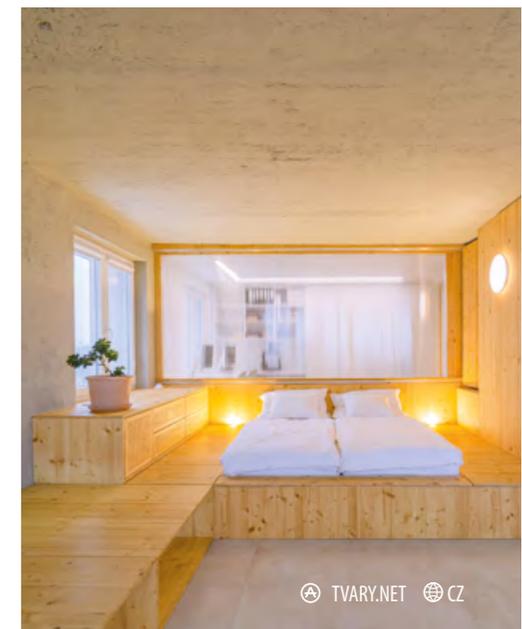
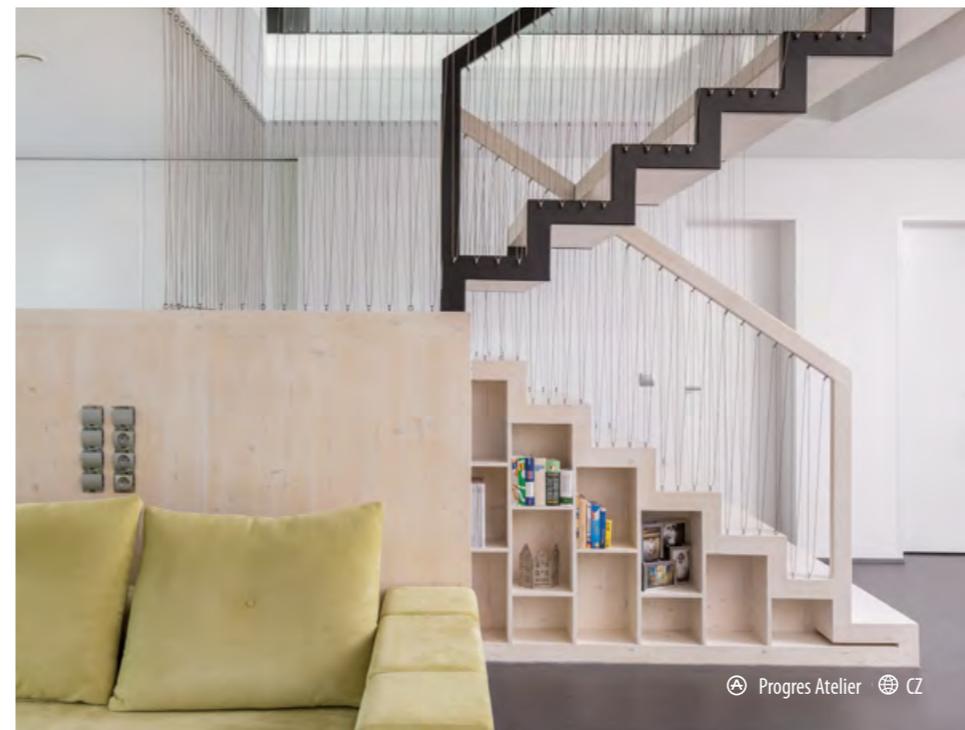
Zugspitze – with white pigments

Mont Blanc – with white pigments

Silberrücken – grey (final paint only)

### APPLICATION

Interior application only





# 3D LIBRARY

Real textures  
for a perfectly  
visual world

PBR standard / 8K





Projektil architekti CZ



Lucia Kocmanova Studio CZ



novatop-swp.com



Les archinautes CZ

Certificates:



Manufacturer: AGROP NOVA a.s.

Ptenský Dvorek 99 • 798 43 Ptení • Czech Republic • Phone: +420 582 397 852  
novatop-swp@agrop.cz • www.novatop-swp.com

Information



Reference



Download



novatop.com