

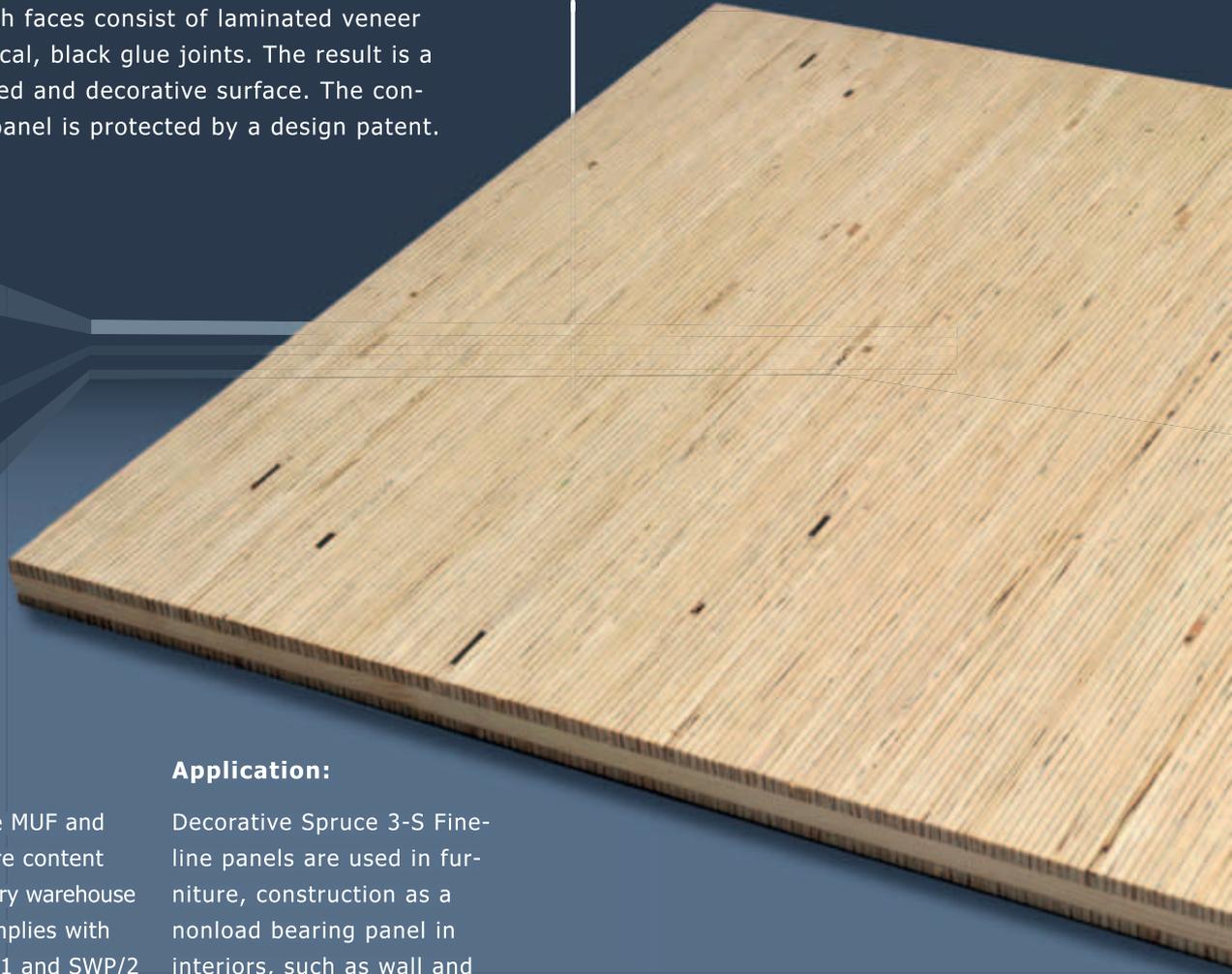
# SPRUCE 3-LAYER FINELINE PANEL



NATURHOLZPLATTEN



Spruce Fineline panels are structured like 3-layer solid wood panels. Both faces consist of laminated veneer lumber with vertical, black glue joints. The result is a unique, finely lined and decorative surface. The construction of the panel is protected by a design patent.



## Properties:

The glues used are MUF and PF and the moisture content on leaving the factory warehouse of  $u = 8 \pm 2\%$  complies with classification SWP/1 and SWP/2 according to EN 13353. A structurally protected outdoor use in classification SWP/3 is possible after appropriate protection. Formaldehyde Emission Class E1 (formaldehyde tested at  $\leq 0.07$  ppm according to EN 717-1)

## Application:

Decorative Spruce 3-S Fine-line panels are used in furniture, construction as a nonload bearing panel in interiors, such as wall and ceiling claddings, staircases, exhibition and shop fitting.

## Quality:

Both faces, joint – tight, sound (closed) surfaces, sound black knots permitted; calibrated and finely sanded with sanding belt abrasive grit K 60



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Subject to change!



<b>Thickness</b>	19 mm	26 mm*	42 mm*	
<b>Length</b>	5000 mm			
<b>Width</b>	2050 mm			
<b>Fineline top faces</b>	5,5 mm	5,5 mm	9,0 mm	
<b>Spruce core layer</b>	8,0 mm	15,0 mm	24,0 mm	
<b>Veneer layer thickness</b>	3,2 mm			
<b>Density at 8% humidity</b>	535 kg/m <sup>3</sup>	515 kg/m <sup>3</sup>	515 kg/m <sup>3</sup>	EN 323
<b>Weight per square meter m<sub>A</sub></b>	10,2 kg/m <sup>2</sup>	13,4 kg/m <sup>2</sup>	21,6 kg/m <sup>2</sup>	
<b>Thermal conductivity λ</b>	0,13 W/mK			EN 13986
<b>Water vapor diffusion resist. factor μ</b>	74/203	71/201	71/201	EN 13986
<b>Airborne sound insulation R</b>	27,1 dB	28,6 dB	31,4 dB	EN 13986
<b>Sound absorbing coefficient 250-500 Hz</b>	0,1			EN 13986
<b>Sound absorbing coefficient 1000-2000 Hz</b>	0,3			EN 13986
<b>Class reaction to fire</b>	D-s2,d0			EN 13986
<b>Specific burning rate β<sub>0,p,t</sub></b>	0,85 mm/min	0,74 mm/min	0,58 mm/min	EN 1995-1-2

\* on request