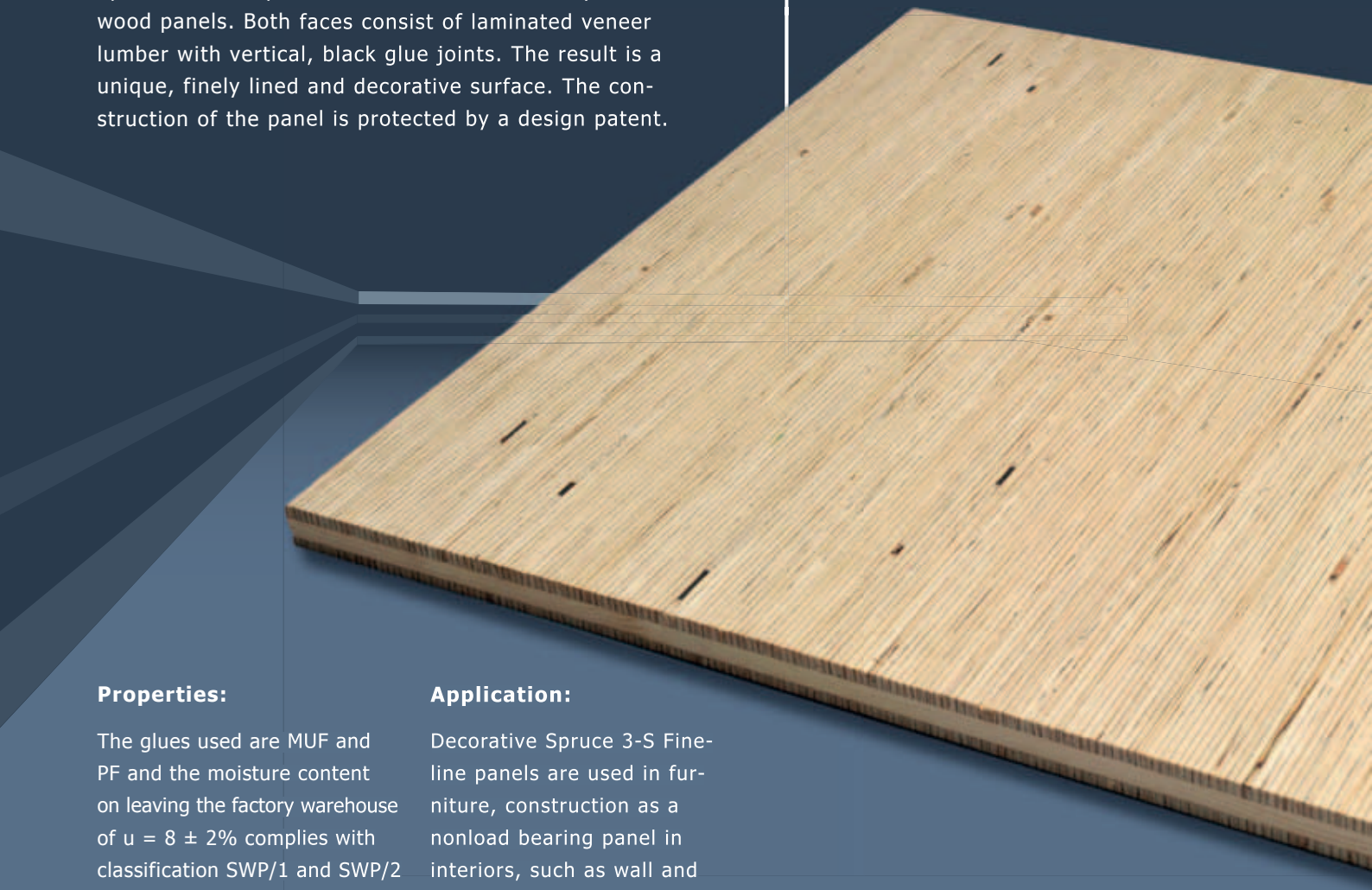
Spruce 3-Layer Fineline Panel

TILLY
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:

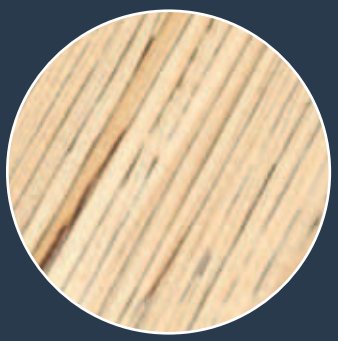
The glues used are MUF and PF and the moisture content on leaving the factory warehouse of u = 8 ± 2% complies with classification SWP/1 and SWP/2 according to EN 13353. A structurally protected outdoor use in classification SWP/3 is possible after appropriate protection. Formaldehyde Emission Class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

Application:

Decorative Spruce 3-S Fineline 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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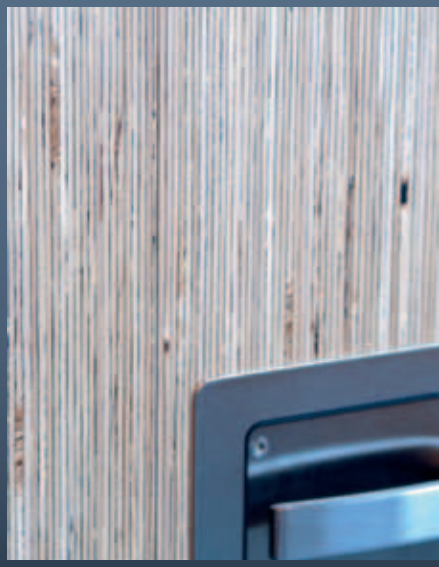

Thickness	19 mm	26 mm*	42 mm*	
Length	5000 mm			
Width	1250 mm			
Fineline top faces	5,5 mm	5,5 mm	9,0 mm	
Spruce core layer	8,0 mm	15,0 mm	24,0 mm	
Veneer layer thickness	3,2 mm			
Density at 8% humidity	535 kg/m³	515 kg/m³	515 kg/m³	EN 323
Weight per square meter m_A	10,2 kg/m²	13,4 kg/m²	21,6 kg/m²	
Thermal conductivity λ	0,13 W/mK			EN 13986
Water vapor diffusion resist. factor μ	74/203	71/201	71/201	EN 13986
Airborne sound insulation R	27,1 dB	28,6 dB	31,4 dB	EN 13986
Sound absorbing coefficient 250-500 Hz	0,1			EN 13986
Sound absorbing coefficient 1000-2000 Hz	0,3			EN 13986
Class reaction to fire	D-s2,d0			EN 13986
Specific burning rate $\beta_{0,p,t}$	0,85 mm/min	0,74 mm/min	0,58 mm/min	EN 1995-1-2

* on request