

DECLARATION OF PROPERTIES NO. 1393-CPR-0018

NOVATOP FREE

Identification code:	SWP A10 (Local spruce), SWP A30 (Nordic spruce), SWP AD0 (fir).
Type:	Multilayer solid wood panel SWP/1 NS, SWP/1 S, according to EN13353.
Intended use:	Used as non-bearing panels in the building industry, for indoor or outdoor use and fire resistance class D.
Manufacturer:	AGROP NOVA a.s., Ptenický Dvorek 99, CZ-798 43 Ptení, Tax ID: CZ26243237
Assessment and verification procedures:	The system of assessment 2+ The manufacturer performs: - determination of the product type on the basis of the type testing (including sampling). Computation for the type, tabular values or descriptive documentation of the product, - factory production control, - testing of samples taken at the factory in accordance with the prescribed test plan. The notified body for production control certification issues a certificate of conformity of production control based on: - the initial inspection of the factory and of the factory production control, - the continuous surveillance, assessment and approval of the factory production control.
The notified body:	Timber Research and Development Institute Prague s.p. performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control (system 2 + according to ZA-norm) and issued a Certificate of factory production control No. 1393-CPR-0018, EN 13986:2004 + A1:2015.

Basic characteristics	Property	Harmonized technical specifications
Density	SWP 10, SWP 30 490 kg/m ³ , SWP 50 580 kg/m ³	EN 13986:2004
Reaction to fire	D-s2, d0 according to EN 13 501-1	EN 13986:2004
Design value of thermal conductivity (λ)	0,13 W/mK for SWP 10, SWP 30 0,15 W/mK for SWP 50 according to EN ISO 10456	EN 13986:2004
Factor of diffusion resistance (μ)	200/70 (dry/wet) according to EN ISO 10456	EN 13986:2004
Sound absorption	250–500 Hz – 0,1 1000–2000 Hz – 0,3	EN 13986:2004
Airborne sound insulation (dB)	$R = 13 \times \log(m_a) + 14$ m_a = surface weight kg/m ²	EN 13986:2004
Specific thermal capacity (c_p)	1600 J/kgK according to EN ISO 10456	EN 13986:2004
Formaldehyde emission class	E1 according to EN 717-1	EN 13986:2004

Requirements for characteristic strength values according to EN 13353

Property		Testing method	Panel nominal thickness [mm]			
			>12 ≤ 20	>20 ≤ 30	>30 ≤ 42	> 42
ρ	Density (kg/m ³)	EN 323	410	410	410	410
Stress perpendicular to the panel plane [N/mm ²]						
f _{m,0,k}	Bending strength parallel to the fibres of the outer layers	EN 789	35	30	16	12
f _{m,90,k}	Bending strength perpendicular to the fibres of the outer layers	EN 789	5	5	9	9
E _{0,mean}	Modulus of elasticity parallel to the fibres of the outer layers	EN 789	8500	7000	6500	6000
E _{90,mean}	Modulus of elasticity perpendicular to the fibres of the outer layers	EN 789	470	470	1300	1300

The product properties are in compliance with the properties listed in the table.

This Declaration of Properties is issued under the sole responsibility of the manufacturer.

Signed for and on behalf of the manufacturer:

NOVATOP 

AGROP NOVA a.s.
 Ptenský Dvůrek 99 • 798 43 Ptení
 IČ: 26243237 • DIČ: CZ26243237 



Ing. Radek Oslizlo
 CTO

1. 1. 2025

DECLARATION OF PROPERTIES NO. 1393-CPR-0019

NOVATOP FREE

Identification code:	SWP A10 (Local spruce), SWP A30 (Nordic spruce), SWP AD0 (fir).
Type:	Multilayer solid wood panel SWP/2 NS, SWP/2 S, according to EN13353.
Intended use:	Used as non-bearing panels in the building industry, for indoor or outdoor use and fire resistance class D.
Manufacturer:	AGROP NOVA a.s., Ptenický Dvůrek 99, CZ-798 43 Ptení, Tax ID: CZ26243237
Assessment and verification procedures:	The system of assessment 2+ The manufacturer performs: - determination of the product type on the basis of the type testing (including sampling). Computation for the type, tabular values or descriptive documentation of the product, - factory production control, - testing of samples taken at the factory in accordance with the prescribed test plan. The notified body for production control certification issues a certificate of conformity of production control based on: - the initial inspection of the factory and of the factory production control, - the continuous surveillance, assessment and approval of the factory production control.
The notified body:	Timber Research and Development Institute Prague s.p. performed the initial inspection of the factory and of the factory production control and performs the continuous surveillance, assessment and approval of the factory production control (system 2 + according to ZA-norm) and issued a Certificate of factory production control No. 1393-CPR-0019, EN 13986:2004 + A1:2015.

Basic characteristics	Property	Harmonized technical specifications
Density	SWP 10, SWP 30 490 kg/m ³ , SWP 50 580 kg/m ³	EN 13986:2004
Reaction to fire	D-s2, d0 according to EN 13 501-1	EN 13986:2004
Design value of thermal conductivity (λ)	0,13 W/mK for SWP 10, SWP 30 0,15 W/mK for SWP 50 according to EN ISO 10456	EN 13986:2004
Factor of diffusion resistance (μ)	200/70 (dry/wet) according to EN ISO 10456	EN 13986:2004
Sound absorption	250–500 Hz – 0,1 1000–2000 Hz – 0,3	EN 13986:2004
Airborne sound insulation (dB)	$R = 13 \times \log(m_a) + 14$ m_a = surface weight kg/m ²	EN 13986:2004
Specific thermal capacity (c_p)	1600 J/kgK according to EN ISO 10456	EN 13986:2004
Formaldehyde emission class	E1 according to EN 717-1	EN 13986:2004

Requirements for characteristic strength values according to EN 13353

Property		Testing method	Panel nominal thickness (mm)			
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ρ	Density (kg/m ³)	EN 323	410	410	410	410
Stress perpendicular to the panel plane [N/mm ²]						
f _{m,0,k}	Bending strength parallel to the fibres of the outer layers	EN 789	35	30	16	12
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E _{0,mean}	Modulus of elasticity parallel to the fibres of the outer layers	EN 789	8500	7000	6500	6000
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Ing. Radek Oslizlo
 CTO

1. 1. 2025