

Environmentally friendly

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## DECLARATION OF PERFORMANCE

**DoP Nr.:** 1393-CPR-007

**Product:** **ALFA technic** – water-resistant plywood

**Product identification:** water-resistant plywood for outdoor and indoor use as a supporting element, glued with phenol-formaldehyde glue  
For permanent outdoor use is expected, the board should be surface treated. The surface treatment also applies to the sides of the board

**Manufacturer:** **Wotan Forest, a.s.** **division of flat material**  
Rudolfovská tř. 202/88 Kvasinská 297  
370 01 České Budějovice 517 01 Solnice  
Czech republic Czech republic  
Web: [www.wotanforest.cz](http://www.wotanforest.cz)

**System for the assessment and verification:** : System 2+

**Harmonized standard:** EN 13986 : 2004 + A1: 2015

**Notified body:** Nr. 1393

**VVÚD Praha, s.p.**  
Na Florenci 7-9  
111 71 Praha 1  
Czech republic

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**Declared performance: values as 5th percentile in accordance with EN 326-1**

Specifications	standard	unit	Panel thickness							
			4 – 6 mm	9 mm	12 mm	15 mm	18 mm	21 mm	24 mm	27 + mm
Bending strength	EN 310	N/mm <sup>2</sup>	28	27	33	28	30	25	27	26
	EN 326		± 11	11	20	14	19	19	10	22
Modulus of Elasticity	EN 310	N/mm <sup>2</sup>	1300	3500	4500	4200	5100	4500	4700	5100
			± 950	1200	2700	2300	2500	2600	3100	4500
Bonding quality	EN 314-1 EN 314-2	N/mm <sup>2</sup>	0,6 – 1,0 bondingclass 3 according EN 636-3							
Reaction to fire	EN 13986+A1 tab.8		class D - s2, d0 applies to thicknesses from 9 mm and density higher than 400 kg / m2							
Release of Formaldehyde	EN 636	mg/m <sup>2</sup> .h	emission class E <sub>1</sub>				0,48			
Formaldehyde content	EN 717-1	mg HCHO/m <sup>3</sup> ppm	chamber value		0,020 ≤ 0,050					
Water vapour permeability	EN 12524	μ	wet 70							
			dry 200							
Thermal conductivity	EN 12664	λ	W/mK		0,13					

Product – ALFA technic water-resistant plywood corresponds to the delared performance.  
This declaration of performance is issued under the sole responsibility of the manufacturer

Solnice 1.4.2023

creator Josef Kopecký  
quality engineer

for manufacturer Ing. Michal Polák  
COO division of flat material