

DECLARATION OF PERFORMANCE

Nr. 1393-CPR-007

Product name (type) : **Plywood water-resistant board ALFA**

Constructional product identification :

Water-resistant plywood for both outdoor and indoor use as a supporting member, bonded by phenol-formaldehyde resin.
(EN 636-3)

Intended use of the constructional product in conformity with harmonized technical specification as expected by the producer:

Plywood is used in constructional-joinery production, for floors, wooden cases and in building industry. It is not recommended in the environment where it is alternately exposed to humidity and heat (dry). The glued joint is water-resistant, however, when dampened and consequently getting dry the glued joint can be damaged by the arisen forces. In permanently damp and unventilated environment there is a risk of biological pest. Plywood must not have a direct contact with foundations, ground or water (see EN 13986).

In case permanent use in damp environment is expected, the board should be surface treated (e.g. by phenolic foil). The surface treatment requirement applies to board sides as well. As a result of water absorption plywood can change its dimensions and shape which has to be taken into consideration at its final utilization. The upper layers of the top veneer may peel off under the environment influence. The reason is the soft (spruce) wood structure and technology of peeled veneer production.

Name, company, registered trademark, contact address :



Wotan Forest, a.s.

Rudolfovská 202/88
371 36 České Budějovice
flat material division
Kvasinská 297, 517 01 Solnice
company ID 260 60 701

System of assessing and inspecting of construction product features stability :

The producer has carried out initial product type tests, implemented production management system and tests samples as required. The notified subject - VVÚD (Timber Institute) Praha, NO 1393 has performed the initial inspection in the production site and of the production management system. It carries out continuous supervision, assesses and approves the production management system (system 2+).

The Institute issues the Certificate of conformity of the factory production control 1393-CPR-0007.

Properties shown in the Declaration: in accordance with ČSN EN 13986

Funkcionalcharact.	Values							Standard
	th. 4-6 mm	th.. 9 mm	th. 12	th. 15	.	th. *m		
Bendingstrengt	I	67-	65-	70-	57-	33-	53-	EN 310
	-I	10-	26-	26-	28-	29-	30-	EN 326-
Elasticmodulus	I	7300-9700	6000-9000	7000-	7800-	5700-7900	6800-8900	EN 310
	-I	730-800	2000-3200	2000-3200	2900-3400	3600-5500	2600-5300	EN 326-
Bondingquality ²⁾	1,2 - 1,6 (Bondingclass 3 dle EN 636-3)							EN 314
Formaldehyde escape	Emission class E1		Formaldehyde content 0,22 mg / m ² .h (see Certificate No.AP - 1156/108/05-2 issued by VVÚD in				EN 636	
Firereactio	Euroclass D - s2, d0 (applies to th.from 9 mm and densityover 400 kg/m ³)							EN13501

Product - Plywood water-resistant board ALFA conforms the properties listed in the table.

The Declaration of Performance is issued at producer's sole responsibility.

By: Ing. Josef Kopecký
technologist

for producer : Ing. Martin Skoumal
head of Flat Material Division

In Solnice, 1 September 2017

Wotan Forest, a.s.

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