

Declaration of Performance

No.: 10/2017

Name of product: **Plywood sheets BEECH – gluing class 1**

Product ID: **20 20 11 22**

Product intended for: for internal use as non-structural components in dry conditions

Producer: **DYAS.EU, a.s.**
Dukelských hrdinů 3653/1
695 58 Hodonín, Czech Republic

Company registration Nr.: 271 176 51

Plant: Veselská 384, 687 24 Uherský Ostroh, Czech Republic

Assessment method: 4

Harmonize norm: EN 13986 : 2004 + A1 : 2015

Additional product information:

Testing laboratory: Výzkumný a vývojový ústav dřevařský, Praha, s.p.
Na Florenci 7-9
111 71 Praha 1

Notified body No.: 1393
Authorized person No.: 222

Carried out determination of formaldehyde emission by method of gas analysis according to EN 717-2.

Issued a test record, **the product meets the emission class E-1**

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DYAS.EU, a.s., Dukelských hrdinů 3653/1, 695 58 Hodonín,
Provozovna: Veselská 384, 687 24 Uherský Ostroh
IČO: 27117651, DIČ: CZ27117651, Fax: + 420 572 591 439, dyas@dyas.eu
Společnost je zapsaná v OR KS v Brně, oddíl B, vložka 4486, www.dyas.eu



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Product features:

No.:	Basic characteristics	Feature	Harmonized Norm
1	Bending strength - longwise (minimal guaranteed strength)	60,00 N/mm ²	EN 310
	Bending strength - crosswise (minimal guaranteed strength)	30,00 N/mm ²	EN 310
2	Gluing quality - EN 636-1	Gluing class - 1	EN 314 - 2
4	Formaldehyde release	E - 1	EN 717 - 2
5	Reaction to fire without air gap behind a wood-based board with the exception of floors(thickness ≥ 9 mm)	D-s2,d0	EN 13986+A1
	Reaction to fire without air gap behind a wood-based board for floors(thickness ≥ 9 mm)	D _{FL} -s1	
	Reaction to fire for any end use except floors ($3 \leq$ thickness > 9 mm)	E	
	Reaction to fire for any end use - for floors ($3 \leq$ thickness > 9 mm)	E _{fl}	
	Reaction to fire with open or closed air gap up to 22 mm (thickness ≥ 9 mm)	D-s2,d2	
	Reaction to fire with closed air gap behind wood-based board (thickness ≥ 15 mm)	D-s2,d0 for floors Dfl-s1	
	Reaction to fire with open air gap behind wood-based board (thickness ≥ 18 mm)	D-s2,d0 for floors Dfl-s1	
6	Water vapour permeability - diffusion resistance factor μ humid	90	EN 13986+A1
	Water vapour permeability - diffusion resistance factor μ dry	220	EN 13986+A1
7	Airborne sound insulation - applies to the frequency range from 1 kHz to 3 kHz (thickness 10 up to 50 mm)	23 to 27 dB	EN 13986+A1
8	Sound absorption factor - frequency range from 250 Hz to 500 Hz	0,1	EN 13986+A1
	Sound absorption factor - frequency range from 1 kHz to 2 kHz	0,3	EN 13986+A1
9	Thermal conductivity - λ	0,17 W/(m.K)	EN 13986+A1
10	Biological durability - class of danger	1	EN 335
11	Pentachlorophenol content	NPD*	EN 13986+A1

* no substance containing pentachlorophenol was used in the manufacture

Product features – plywood sheets BEECH gluing class 1 are in compliance with the properties in the table "Product features".

This declaration of performance is issued under the responsibility of DYAS.EU, a.s.

Signed on behalf of the producer and his name :


Radek Nejeschleba
Managing Director

In Uherský Ostroh 6th October 2017

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