

Declaration of Performance (DoP)

No.: 11/2017

Release date: 11th August 2026

Revision No.: 1

Name of product: **Plywood sheets with low flammability – PYROPLEX gluing class 2**

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: 3

Harmonized standard: EN 13986+A1

Additional information to the product:

The formaldehyde emission test is tested in accordance with EN 717-1 at an accredited laboratory. The measured formaldehyde emission complies with the requirements of COMMISSION REGULATION (EU) 2023/1464, and the measured formaldehyde emission value is less than 0.062 mg/m³.

Product classification in accordance with the procedures specified in EN 13501-1:2019, Clause 11. REACTION TO FIRE CLASSIFICATION REPORT No. PK1-01-12-036-C-1 dated September 09, 2024 has been issued.

Product classification according to the EN 45545-2:2020+A1:2023 standard. PYROPLEX plywood meets the requirements of EN 45545-2:2020+A1:2023 R1 and R6 for hazard levels HL1 and HL2. Report No. SL/Z-652/EN 45545-R1/0606a/2024, dated July 30, 2024.

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, dias@dias.eu
Společnost je zapsaná v OR KS v Brně, oddíl B, vložka 4486, www.dias.eu

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Product features :

No.	Basic characteristics	Feature	Harmonized norm
1	Bending strength – lengthwise	72,52 N / mm ²	EN 310
	Bending strength – crosswise	45,86 N / mm ²	
2	Gluing quality – EN 636 - 2	Gluing class - 2	EN 314-2
5	Durability (moisture resistance)	Gluing class – 2	EN 636-2
6	Formaldehyde release	≤ 0,062 mg/m ³	EN 717-1
7	Reaction to fire thickness ≥ 10mm	B – s1, d0	EN 13501-1:2019
	Reaction to fire thickness 5 mm ≤ t < 10 mm	B – s2, d0	
	Reaction to fire – requirements safety level R1	HL1, HL2	EN 45545-2:2020+A1
8	Water vapour permeability – diffusion resistance factor μ humid	90	EN 13986+A1
	Water vapour permeability – diffusion resistance factor μ dry	220	EN 13986+A1
9	Sound-transmission loss – applies to the frequency range from 1 kHz to 3 kHz (thickness 10 – 50mm)	From 23 to 34 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
11	Thermal conductivity - λ	0,17 W/(m.K)	EN 13986+A1
12	Biological durability – class of danger	2	EN 335 : 2013
13	Pentachlorophenol content- no substance containing pentachlorophenol was used in the manufacture	not determined	EN 13986+A1

Product features – plywood sheets Pyroplex – Low flammable plywood sheets gluing class 2 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:

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 Radek Nejšlechba
 Managing Director

 DYAS.EU, a.s.
 Dukelských hrdinů 3653/1, 695 58 Hodonín
 Plant: Veselská 384, 687 24 Uherský Ostroh

In Uherský Ostroh 11th August 2026

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DYAS.EU, a.s., Dukelských hrdinů 3653/1, 695 58 Hodonín,
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