**OŚRODEK BADAWCZO-ROZWOJOWY
PRZEMYSŁU PŁYT DREWNOPOCHODNYCH sp. z o.o.**
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Research & Development Centre of Wood-Based Panels
Testing Laboratory
Laboratory for Testing Products

AB 244

TEST REPORT

Subject: Formaldehyde emission

Test method:
PN-EN 717-1:2006

Customer:
Kronospan Polska Sp. z o.o.,
ul. Waryńskiego 1
78-400 Szczecinek

Basis of testing:
Order No 102315 from 11.09.2025

Date and location of testing:
Laboratorium Badania Wyrobów OBRPPD, 10.03. ÷ 17.03.2026

Tests results presented in Table 1, refer only to the examined samples.
The test report cannot be copied in parts but only in entirely.
The test material was used up.

1. Information from customer

Producer:	Kronospan Polska Sp. z o.o., ul. Waryńskiego 1 78-400 Szczecinek
Board type/ material:	Melamine face particleboard type P2
Trade name 1:	MF PB P2 IOSMAT181
Trade name 2:	MF PB P2 EN16516
Thickness:	16,0 mm
Batch no:	PB pr 28.02.2026 Melafilm: prod. 03.03.2026 production: Kronospan Polska Sp. z o.o.
Material name:	Decor: 8685 SM
Type of the covering:	uncured melamin paper, amino resin type
Production date:	05.03.2026
Sampling:	05.03.2026 Production Kronospan Polska Sp. z o.o.
Other information:	the same technology are produced: melaminated particle board in range of thickness from 11 up to 40 mm

2. Sample identification

no. 26136

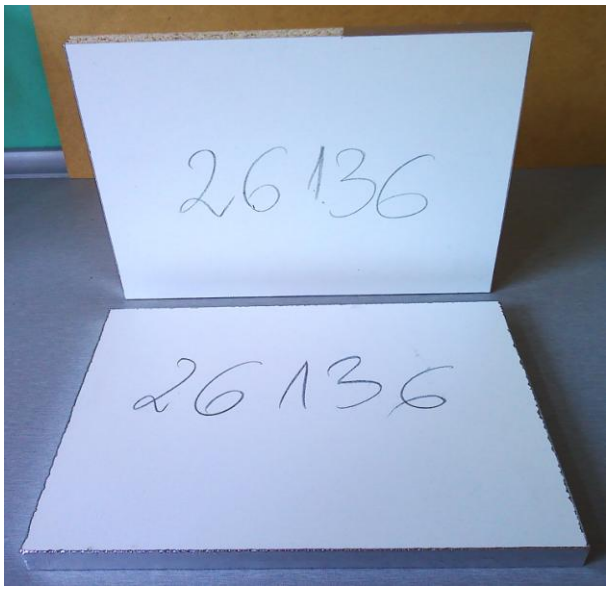

Image 1 Sample for testing according to PN-EN 717-1:2006

3. Sample delivery

Date of sample delivery: 10.03.2026
Service during the period between delivery to the laboratory and the start of the testing:
- samples were kept wrapped in PE foil until the beginning of the test

4. Test method (conditions and analytic method)

The formaldehyde emission testing was performed according to:
- PN-EN 717-1:2006 Wood-based panels – Determination of formaldehyde release – Part 1: Formaldehyde emission by the chamber method.
Testing conditions:
- chamber volume: 0,225 m^3;
- temperature: (23 ± 0,5)°C;
- relative humidity: (45 ± 3)%;
- loading ratio: (1,0 ± 0,02) m^2/m^3;
- air exchange rate: (1,0 ± 0,05)/h;
- air velocity at the surface of the specimen: (0,1 to 0,3) m/s
- formaldehyde concentration in make-up air to test chamber: ≤ 0,006 mg_{HCHO}/m^3
- ratio of the length of open narrow planes (unsealed) *U* to surface *A* is U/A = 1,5 m/m^2
- formaldehyde concentration was determined photometrically according to the acetylacetone method.

5. Results of measurements

date	exposure time [h]	HCHO concentration in chamber [mg/m^3]	date	exposure time [h]	HCHO concentration in chamber [mg/m^3]
11.03.2026	16	0,033	16.03.2026	136	0,028
	21	0,034		141	0,028
12.03.2026	40	0,032	17.03.2026	160	0,027
	45	0,030		165	0,027
13.03.2026	64	0,029			
	69	0,029			

6. Emission in steady state

Value of emission in steady state: **0,027 mg/m^3** (165 h)
0,022 ppm

7. Statement of conformity

specification or standard	COMMISSION REGULATION (EU) 2023/1464 of 14 July 2023
limit	0,062 mg/m^3
result	0,027 mg/m^3
fulfillment of requirements*	☒ YES ☐ NO

*decision rule: simple acceptance (according to ILAC-G8:09/2019, 4.2.1)

Mirosława Mrozek
Authorized

OB - RPPD
CZARNA WODA

Podpisany elektronicznie przez
MIROSŁAWA MROZEK
20.03.2026
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End of the report