



**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 Mielec Sp. z o.o.
ul. Wojska Polskiego 3
39-300 Mielec

Basis of testing:
Order no. 302838 from 12.03.2026

Date and location of testing:
Laboratorium Badania Wyrobów OBRPPD, 16.03. ÷ 20.03.2026

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

1. Information from customer

Producer: Kronospan Mielec Sp. z o.o.
ul. Wojska Polskiego 3
39-300 Mielec

Board type: Laminated Particleboard MFC IOS-MAT-0181, FSC Mix 100%; article 10118, 10098; décor D-6887 BS; tested sample is represented of the all decors produced by KRONOSPAN MIELEC

Thickness: 18 mm, representative for range 12-38 mm

Batch no.: 06.03.2026

Production date: 06.03.2026

Sampling: 09.03.2026 producer's warehouse

Material name: Laminated Particleboard MFB IOS-MAT-0181, FSC Mix 100%; article 10118, 10098; décor D-6887 BS

Other information: Production date raw PB- 05.03.2026, producer Kronospan Mielec;
Production date melamine film- impregnated paper 25.02.2026,
producer: Kronospan Mielec

2. Sample identification

no. 26145

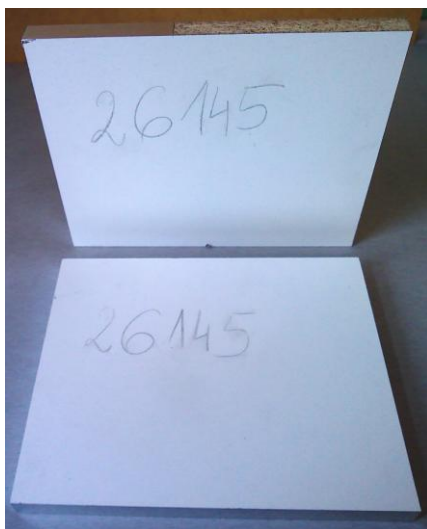


Image 1 Sample for testing according to PN-EN 717-1:2006

3. Sample delivery

Date of sample delivery: 12.03.2026

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: $0,225 \text{ m}^3$;
- temperature: $(23 \pm 0,5)^\circ\text{C}$;
- relative humidity: $(45 \pm 3)\%$;
- loading ratio: $(1,0 \pm 0,02) \text{ m}^2/\text{m}^3$;
- air exchange rate: $(1,0 \pm 0,05)/\text{h}$;
- air velocity at the surface of the specimen: $(0,1 \text{ to } 0,3) \text{ m/s}$
- formaldehyde concentration in make-up air to test chamber: $\leq 0,006 \text{ mg}_{\text{HCHO}}/\text{m}^3$
- ratio of the length of open narrow planes (unsealed) U to surface A is $U/A = 1,5 \text{ m/m}^2$
- 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]
17.03.2026	16	0,019	19.03.2026	64	0,017
	21	0,019		69	0,017
18.03.2026	40	0,017	20.03.2026	88	0,017
	45	0,016		93	0,017



6. Emission in steady state

Value of emission in steady state: **0,017 mg/m³** (93 h)
0,013 ppm

7. Statement of conformity

specification or standard	COMMISSION REGULATION (EU) 2023/1464 of 14 July 2023
limit	0,062 mg/m ³
result	0,017 mg/m ³
fulfillment of requirements*	☒ YES ☐ NO

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

Mirosława Mrozek
Authorized

End of the report