OŚRODEK BADAWCZO-ROZWOJOWY
PRZEMYSŁU PŁYT DREWNOPOCHODNYCH sp. z o.o.
Laboratorium Badawcze
Laboratorium Badania Wyrobów
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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:
Ośrodek Badawczo-Rozwojowy
Przemysłu Płyt Drewnopochodnych sp. z.o.o.
ul. Mickiewicza 10a
83-262 Czarna Woda
Zakład Certyfikacji

Payer:
Kronospan Polska Sp. z o.o.
Ul. Waryńskiego 1
78-400 Szczecinek

Basis of testing:
Agreement REACH/01/45/2026 from 10.03.2026

Date and location of testing:
Laboratorium Badania Wyrobów OBRPPD, 14.04. ÷ 24.04.2026

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:	Fiberboard type MDF/HDF thickness range >8-60 mm, glued with MUF
Thickness:	22 mm
Batch no.:	PNR 222257
Trade name:	MDF/HDF IOSMAT181, MDF/HDF EN16516
Production date:	30.03.2026
Production line:	049
Sampling date:	02.04.2026 Szczecinek
Sampler:	Mirosława Mrozek

2. Sample identification

no. 26213



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

3. Sample delivery

Delivered by: courier
Date of sample delivery: 03.04.2026
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]
15.04.2026	16	0,053	21.04.2026	160	0,051
	21	0,050		165	0,050
16.04.2026	40	0,051	22.04.2026	184	0,051
	45	0,048		189	0,050
17.04.2026	64	0,051	23.04.2026	208	0,050
	69	0,051		213	0,049
20.04.2026	136	0,050	24.04.2026	232	0,050
	141	0,051		237	0,050

6. Emission in steady state

Value of emission in steady state: **0,050 mg/m^3** (237 h)
0,040 ppm

Mirosława Mrozek
Authorized

Podpisany elektronicznie przez
MIROSŁAWA MROZEK
27.04.2026
14:17:27 +02'00'

End of the report

OB - RPPD
CZARNA WODA