



MPA | **Eberswalde**

Materialprüfanstalt
Brandenburg GmbH

Prüfung, Überwachung,
Zertifizierung, Gutachten,
Forschung und Entwicklung

Test Report

No. 31/24/5545/01

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Geschäftsführer:
Dr. Robby Wegner

HRB 10408 FF

Client: Bremer Holzwerke GmbH
Hafenstraße 55
28217 Bremen

Applied test procedure: Determination of formaldehyde release of wood based material according to DIN EN 717-1:2005

Date of order: 15.07.2024

Received: 17.07.2024

Test product: HPL panel
„Duracom Compactplatte“

Samples received: 17.07.2024

Persons in charge: Dr. R. Wegner, M.Sc. J. Murr

Period of testing: 7-8/2024

The test report comprises 4 pages. It refers exclusively to the material submitted for testing and remains property of MPA until completion of full payment. The test material is being stored for 6 months. Publication of test reports is only permissible if published as a whole. Publication of excerpts require in every single case the revocable written consent of MPA.

Sparkasse Schwandorf
Kto-Nr.: 100 164 862
BLZ: 750 510 40
IBAN: DE55 7505 1040 0100 1648 62
BIC-/SWIFT: BYLADEM1SAD
USt.-Id. DE814335485
Finanzamt Eberswalde



Die Akkreditierung gilt nur für die in der Urkunde aufgeführten Verfahren.



vom DIBt anerkannte
PÜZ-Stelle BRA02

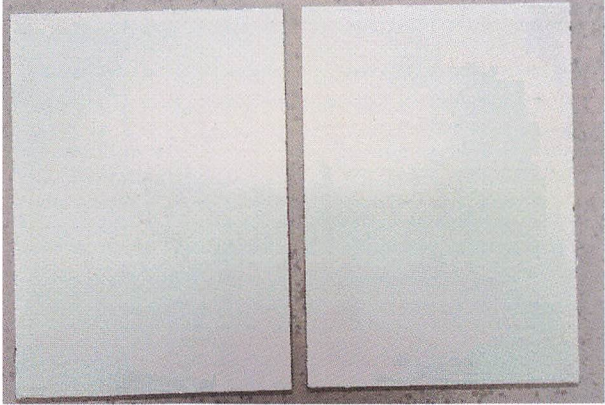


EC notified 0763



CARB notified TPC 18

1. Test product

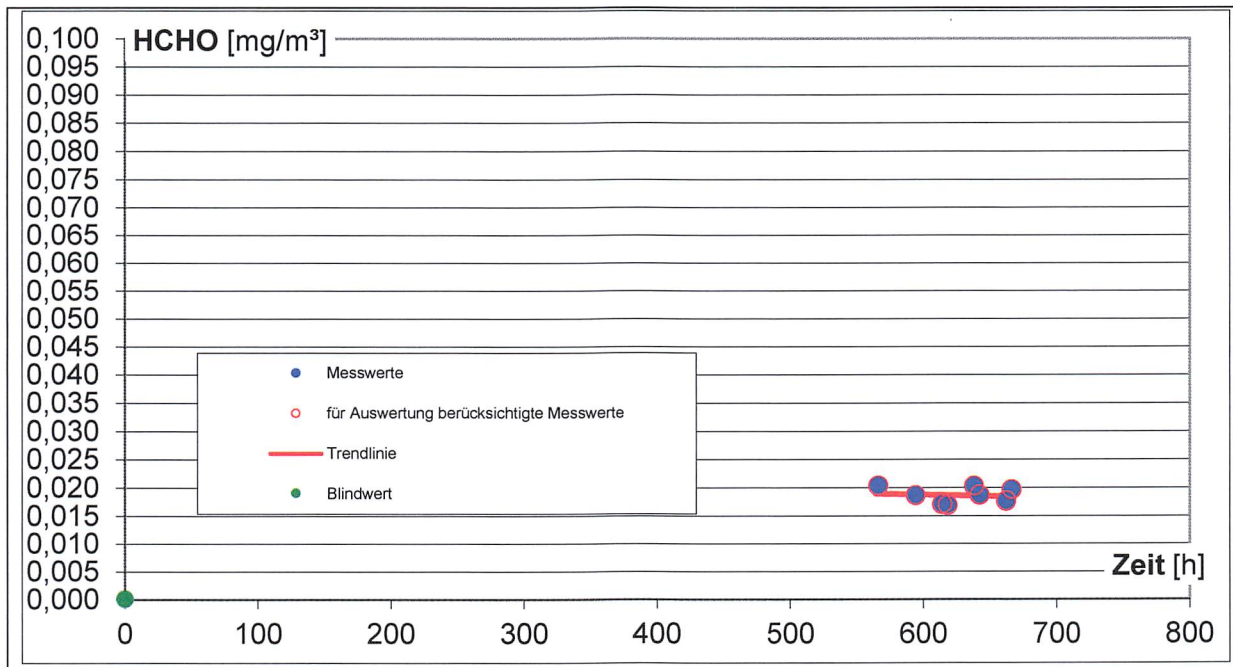
Product	HPL „Duracom Compactplatte“
Sample size	3 x (500 mm x 500 mm x 6 mm)
Product code	-
Manufacturing date	-
Sampling	by client, 15.07.2024
Packaging	Wrapped in plastic foil
Storage conditions	Room temperature
Image of specimen	

2. Test procedure and results

Specimen dimension	two specimens (200 mm x 280 mm); covering the edge area using aluminium tape (168 mm edge of each specimen without covering acc. to DIN EN 717-1)
Date of preparation of test specimen	19.07.2024 (cutting)
Chamber volume (material)	0,225 m ³ (stainless steel / glass)
Area of test specimen	0,224 m ² (excluding uncovered edges)
Loading ratio	1,0 m ² /m ³
Temperature	23 °C (± 0,5 °C)
Relative humidity	45 % (± 3 %)
Air exchange rate	1,0 AC/h (± 0,05 AC/h)
Formaldehyde background concentration in air in chamber	< 0,005 ppm
Period of testing	19.07. - 16.08.2024 (placing of test specimen - final sampling)
Air sampling	approx. 120 L; 2 L/min
Formaldehyde analysis	photometry by acetyl/acetone method
Quantification limit (LOQ)	0,010 mg/m ³ (0,008 ppm)

Test material	Formaldehyde steady state concentration (test duration)	Formaldehyde emission class E1 (requirement acc. to EN 13986)
Duracom	0,019 mg/m ³ (664 h)*	≤ 0,124 mg/m ³

* mean value last test day; 0,015 ppm

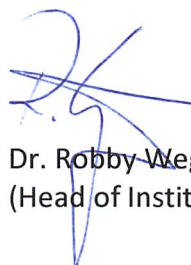


Test material	Calculated formaldehyde concentration acc. to ChemVerbotsV*	Formaldehyde steady state concentration (requirement acc. to ChemVerbotsV)
Duracom	0,030 ppm	≤ 0,1 ppm

* steady state concentration of EN 717-1 test was multiplied by factor 2


The tested product **complies** with the formaldehyde emission requirement of German Chemikalien-Verbotsverordnung for wood based materials (enforcement date: 01.01.2020).

MPA Eberswalde
Materialprüfanstalt Brandenburg GmbH
 - Holz und Holzschutz -


 Dr. Robby Wegner
 (Head of Institute)

Eberswalde, 26.08.2024




 M.Sc. J. Murr
 (Person in charge)