



Test Report

Nr. 31/14/2183/01
2 Ausfertigungen

MPA | Eberswalde

Materialprüfanstalt
Brandenburg GmbH

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Geschäftsführer:
Dr. Peter Schumacher

HRB 10408 FF

Client: Kronoply GmbH
Wittstocker Chaussee 1
16909 Heiligengrabe

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

Date of application: 04.02.2014

Received: 13.02.2014

Test product: OSB 3 nach EN 300

Sampling: by client

Samples received: 20.02.2014

Persons in charge: Dr. K.-D. Dewitz
Dr. R. Wegner

Period of testing: 2/2014

This test report comprises 3 pages including annex. 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 until 2/2015 and may be given back to the contractor at his expense. Publication of test reports is only permissible if they are published as a whole. Publication of excerpts, references to tests for purposes of advertising and the use of contents of test reports require in every single case the revocable written consent of MPA.

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D-PL-11241-01-00

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vom DIBt anerkannte
PÜZ-Stelle BRA02



EC notified 0763



CARB notified TPC 18

1. Test material

Product: OSB 3 nach EN 300
Sample: 4 panels 500 x 500 x 18 mm³
Sample code: -
Manufacturing date: 16.02.2014
Thickness: 17,2 mm
Packaging: wrapped in plastic foil
Storage conditions: room temperature, light proof area

2. Test 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: 20.02.2014 (cutting)

3. Chamber test

Chamber (volume/material): 0,225 m³ (stainless steel / glass)
Area of test specimen: 0,224 m²
(excluding uncovered edges)
Loading ratio: 1,0 m²/m³
Temperature: 23 °C (± 1 °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: 21.02. – 27.02.2014
(placing of test specimen - final sampling)
Air sampling: approx. 120 L; 2 L/min
Formaldehyde analysis: photometry by acetyl/acetone method

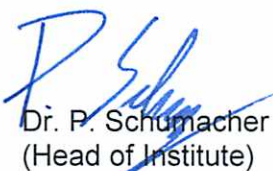
4. Test results and assessment

Test material	Formaldehyde Steady state concentration (test duration)	Formaldehyde emission class E1 (requirement)
OSB 3 nach EN 300	$\leq 0,01 \text{ mg/m}^3$ (156 h)	$\leq 0,124 \text{ mg/m}^3$

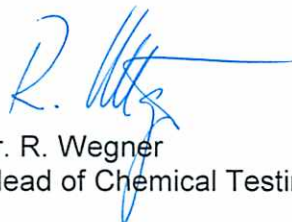
NOTE: The test results refer exclusively to the material delivered for testing.

MPA Eberswalde
Materialprüfanstalt Brandenburg GmbH
- Holz und Holzschutz -

Eberswalde, 07.03.2014


Dr. P. Schumacher
(Head of Institute)




Dr. R. Wegner
(Head of Chemical Testing)