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Latvijas Finieris AS  
Bauskas iela 59  
LV-1004 Riga  
Latvia

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Your reference

Your message dated

Our reference  
Mey

Braunschweig, 6 December 2019

### Test report No. QA-2019-4863

<b>Client:</b>	Latvijas Finieris AS Bauskas iela 59 LV-1004 Riga (Latvia)
<b>Order dated:</b>	26 August 2019
<b>Receipt of samples:</b>	2 October 2019
<b>WKI-ID-No.:</b>	0705_2019
<b>Date of test:</b>	10 October 2019 and 6 November 2019
<b>Objective of the test:</b>	Determination of formaldehyde release according to EN ISO 12460-3
<b>Content of the test report:</b>	1. Task and test material Page 2 2. Execution of the tests Page 2 3. Test results Page 2

The test report comprises 2 pages and 1 table.

This test report is not permitted to be published incompletely.

A publication in extracts is in any case subject to the previous consent of Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut WKI, Bienroder Weg 54E in 38108 Braunschweig (Germany).  
The test results exclusively refer to the objects of the test. The test material was used up.



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### 1. Task and test material

The Fraunhofer-Institut für Holzforschung, Wilhelm-Klauditz-Institut WKI, was entrusted by Messrs. Latvijas Finieris AS in LV-1004 Riga (Latvia) with the determination of the formaldehyde release, description of sample(s) see table(s) enclosed.

The test material was selected, marked by the client and delivered to the Fraunhofer WKI for examination.

The test material arrived at Fraunhofer WKI packed in polyethylene foil on 2 October 2019, was marked with WKI-ID-No. "0705\_2019" and stored under room conditions. It was unpacked on 10 October 2019 (without conditioning) and 6 November 2019 (after 4 week conditioning).

### 2. Execution of the tests

As ordered by the customer, the determination of formaldehyde release was carried out without and after a four-week conditioning period of the samples according DIN 50 014 - 20/65 - according to EN ISO 12460-3 "Wood-based panels - Determination of formaldehyde release - Part 3: Gas analysis method". The sample size was 400 mm x 50 mm x thickness. The edges of the test pieces were coated with self-adhesive aluminium tape before testing.

### 3. Test results

The table 1 enclosed to the test report shows the formaldehyde values of the tested sample(s), specified as individual values and as a mean value from a repeat determination.

The detection limit of test method used is 0.1 mg/(h·m<sup>2</sup>).

We draw the attention to the fact that the effected test was made as a material parameter and not as a classifying test.



Bettina Meyer  
Official in charge



Dipl.-Ing. Harald Schwab  
Head of Testing, Supervision and  
Certifying Body

Table 1: Formaldehyde release of a sample ordered by  
Messrs. Latvijas Finieris AS in LV-1004 Riga (Latvia)

Date of receipt: 2 October 2019

Date of test: 10 October 2019 and 6 November 2019

WKI-ID- No.	Sample name acc. to customer information	Thickness  [mm]	Formaldehyde release*	
			without conditioning	after 4 week conditioning
0705_ 2019	Product name: <b>Birch plywood Riga Ply EXT-LN</b>	18	0.1 0.1	0.1 0.1
	Product description: Birch plywood uncoated, bonded with lignin-phenol- formaldehyde resins LPF/EXT-LN			
	Grade: WG/WG			
	Manufactured by: Latvijas Finieris AS, Mill Lignums			
	Thickness of sample: 18 mm			
	Production date: 19 September 2019			
	- plywood, uncoated			
Average value		0.1	0.1	

\* individual test results of a double determination and average value;  
tested without and after a 4 week preconditioning (at 20°C / 65% relative humidity); with sealed edges