



**LIGNOTESTING, a.s.**  
Technická 5  
821 04 Bratislava

**Test report**  
No. 810/20/033/19

**Testing laboratory of materials and products**

Number of copies: 4  
Copy No.: 2

Manufacturer: **europiac s.r.o.**  
Pod Kalváriou 2020  
955 01 Topoľčany 1

Manufacturing plant: **europiac s.r.o.**  
Pod Kalváriou 2020  
955 01 Topoľčany 1

Customer: **europiac s.r.o.**  
Pod Kalváriou 2020  
955 01 Topoľčany 1

Product: **Veneered particleboard EDELHOLZ Span**

**Test method**  
STN EN 717-1: 2005 (EN 717-1:2004)  
Wood-based panels - Determination of formaldehyde release - Part 1: Formaldehyde emission by the chamber method

**Purpose of tests**  
Determination of formaldehyde emission based on the order No. TR 031/19, 28/10/2019

**Contents**  
1. Test sample  
2. Sampling  
3. Test results

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Annexes: Proposal for the classification

Bratislava 29 November 2019

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Authorized by:

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Head of Testing Laboratory



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The test results mentioned in this report refer only to the tested samples.  
The test results do not substitute other documents demanding by a state expert supervision.



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Technická 5  
821 04 Bratislava

Approved body No. SK02  
Notified body No. 1478  
Testing laboratory  
accredited by SNAS Reg.  
No. 104/S-331

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Swift(BIC): TATR SK BX

## 1. Test sample

### 1.1 Marking

Name Veneered particleboard EDELHOLZ Span  
Number 2 pieces  
Identification number 14/2019  
Customer identification number sample No. 1  
Serial number 01, 02

### 1.2 Dimensions

Dimensions: (25 x 500 x 500) mm  
(thickness x width x length)

### 1.3 Technical description

bearing board particleboard with a thickness of 24 mm  
veneering both sides oak veneer with a thickness of 0,6 mm  
glue for veneering PVAC

## 2. Sampling

### 2.1 Test sampling

Sampling report Sampling was not realized. Test sample was delivered to the testing laboratory by the customer.

### 2.2 Delivery of test sample to the test laboratory

Date of receipt 30/10/2019  
of the test sample

## 3. Test results

### 3.1 Time for tests

Start of testing 11/11/2019  
End of testing 18/11/2019

### 3.2 Summary of test results

Test results are listed in the individual protocol, which is annexed to this test report.

Characteristic	Test method	Test result	Serial number of sub-protocol
Formaldehyde emission	EN 717-1	0,02 mg/m <sup>3</sup> 0,01 ppm	01

#### Distribution List

Copy No. 1, 2 Customer in Slovak and English language  
Copy No. 3, 4 LIGNOTESTING, a.s., Testing Laboratory in Slovak and English language



## Sub-protocol No. 810/20/033/19-01

### 1. Test

#### 1.1 Name

Determination of formaldehyde emission

#### 1.2 Test method

STN EN 717-1: 2005  
(EN 717-1: 2004)

Wood-based panels - Determination of formaldehyde release - Part 1:  
Formaldehyde emission by the chamber method

### 2. Course of test

#### 2.1 Testing equipment and meters

Testing equipment Chamber with volume 1 m<sup>3</sup> [SZ-01a/23]  
Spectrophotometer JENWAY 6400 [SZ-04/23]  
Calibration certificates No. 001 UV/VIS 2018

#### 2.2 Test conditions

Air temperature (23 ± 0,5)°C  
Relative air humidity (45 ± 3) %  
Loading factor (1,0 ± 0,02) m<sup>2</sup>/m<sup>3</sup>  
Air exchange rate (1,0 ± 0,05)/h  
Air velocity (0,1 - 0,3) m/s  
Enlarged uncertainty of measurement at k = 2, U = 7,7 %

#### 2.3 Preparation of specimen

It was not necessary to prepare the test specimens. Test was performed on 2 boards with dimensions of (25 x 500 x 500) mm, i.e. 1,0 m<sup>2</sup> on both sides. Preparation before the test was performed in accordance with standard EN 717-1.

#### 2.4 Involved personnel

Ing. Ignác Somorovský

### 3. Test results

Measuring No.	Date of test	Formaldehyde emission (mg/m <sup>3</sup> )	Formaldehyde emission (ppm)
1	12/11/2019	0,021	0,018
2	14/11/2019	0,017	0,014
3	15/11/2019	0,018	0,015
4	18/11/2019	0,017	0,014

Bratislava 29/11/2019

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End of test report



## Proposal for the classification

### 1. Product

1.1 Name Veneered particleboard EDELHOLZ Span

2. Classification documents Regulation „Verordnung über Verbote und Beschränkungen des Inverkehrbringens und über die Abgabe bestimmter Stoffe, Gemische und Erzeugnisse nach dem Chemikaliengesetz (Chemikalien-Verbotsverordnung Verbotverordnung - ChemVerbotsV)“, 20/01/2017, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety („Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit“), Germany

Notification „Bekanntmachung analytischer Verfahren für Probenahmen und Untersuchungen für die in Anlage 1 der Chemikalien-Verbotsverordnung genannten Stoffe und Stoffgruppen“, 05/11/2018, Federal Ministry for the Environment, Nature Conservation and Nuclear Safety („Bundesministerium für Umwelt, Naturschutz und nukleare Sicherheit“), Germany

### 3. Values and classes of the product

Characteristic	Determined value	Value multiplied by a coefficient of 2,0 according to the notification „Bekanntmachung analytischer Verfahren für Probenahmen und Untersuchungen...“	Criterion under the Regulation „Chemikalien-Verbotsverordnung - ChemVerbotsV“
Formaldehyde emission	0,01 ppm	0,02 ppm	≤ 0,1 ppm

Bratislava 29/11/2019



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