



# INSTYTUT TECHNOLOGII DREWNA

WOOD TECHNOLOGY INSTITUTE • INSTITUT FÜR HOLZTECHNOLOGIE • INSTITUT DE TECHNOLOGIE DU BOIS

WINIARSKA 1 • 60-654 POZNAŃ - POLAND • phone: (61) 8492-400 • fax: (61) 822-43-72

e-mail: [office@itd.poznan.pl](mailto:office@itd.poznan.pl)

Notified Body N° 1583



AB 088



## WOOD, WOOD-BASED MATERIALS, PACKAGING, FURNITURE, WOODEN CONSTRUCTIONS AND WORKING MACHINES TESTING LABORATORY

### AIR QUALITY TESTING SECTION

Poznań, 11.07.2017

## TEST REPORT No. 2104/2017/S.F

**Subject of the order** Testing of formaldehyde emission by chamber method according to PN-EN 717:2006 from delivered samples-panels SoundRoom

**Order No.** A-2104-BOŚ/2017

**Name and address of the client/manufacturer /producer:** NOTI Sp. z o.o. ul. Sowia 19; 62-080 Tarnowo Podgórne

**Performance date** 05 – 10.07.2017

**Operators**

First name and surname	Signature
Magdalena Czajka Ph.D	wz
Anna Tymek M.Sc. (Eng.)	wz
Mirosława Radlicka	

Laboratory stamp

INSTYTUT TECHNOLOGII DREWNA  
LABORATORIUM BADANIA DREWNA  
MATERIAŁÓW DREWNOPOCHODNYCH  
PAKOWAŃ, MEBLI, KONSTRUKCJI I OBRABIAREK  
60-654 Poznań, ul. Winiarska 1

Authorised representative

Head of Air Quality Testing Section  
  
Aleksandra Dziewanowska-Pudliszak, Ph.D.

## **1. IDENTIFICATION (DESCRIPTION) OF TEST SAMPLES**

The object of testing was samples panels SoundRoom  
Identification number: A-1594-BOS/2017

## **2. DELIVERY DATE OF TESTED OBJECTS**

Samples were received for testing in the ITD on 04.07.2017.

## **3. SYMBOLS AND NAMES OF THE TEST METHODS APPLIED**

The tests were performed according to the standards described in PN-EN 717-1:2006 entitled: "Wood-based panels – Determination of formaldehyde release – Part1: Formaldehyde emission by the chamber method".

## **4. LIST OF MEASURING AND TEST EQUIPMENT**

The following equipment was used for the tests:

- chambers of the capacity of 0.225 m<sup>3</sup> ; room 12a, No. F6/10,
- gas meters, room 12a, No. F6/19,
- balances for mass determination, room 12a, No. F1/1, F1/2
- water bath, room 12a, No: F4/34
- spectrophotometer Aqua Mate Plus UV VIS, room 12a, No. F4/47

## **5. TEST RESULTS**

Tests results are presented in protocol No.1/2104/2017/S.F,

## **6. STATEMENT**

The test results presented in the protocols relate solely to the tested samples.  
The test report cannot be copied in parts but only in its entirety.

**PROTOCOL NO. 1/2104/2017/S.F**

**DETERMINATION OF FORMALDEHYDE RELEASE BY THE CHAMBER METHOD**  
**- Acc. to PN-EN 717-1:2006**

Type of material/product				samples- panels SoundRoom				
Test date				05 - 10.07.2017				
Sample identification No: A-2104-BOS/2017				Chamber 11 capacity 0.225 m³				
Time of sample exposure in the chamber [24 h]	Date of the test	Climatic conditions in the chamber		Test number	Chamber concentration of formaldehyde			
		Temperature	Relative humidity		[mg/m³]	[ppm]		
1	05.07.2017	(23±0.5) °C	(45 ±3)%	1	0.018	0.015		
				2	0.014	0.011		
2	06.07.2017			1	0.010	0.008		
				2	0.009	0.007		
3	07.07.2017			1	0.008	0.006		
				2	0.008	0.006		
6	10.07.2017			1	0.004	0.003		
				2	0.006	0.005		
Average equilibrium concentration of formaldehyde in the air of the chamber					0.010	0.008		
Confidence interval of the actual formaldehyde concentration with probability of 95%: (0.010 ±0.003) mg/m³ (0.008 ±0.003) ppm								

Prepared by

Aleksandra Dziwanowska-Pudliszak

Date

11.07.2017

Signature



end of reports