

## ***DECLARATION OF PERFORMANCE No.1***

*CEWOOD SIA / 2024 / CEWOOD Acoustic panels*

### **1. PRODUCT IDENTIFICATION:**

CEWOOD acoustic panels - **CW-W** - Factory made wood wool products **WW**

- in extreme fine (0.5 mm), superfine (1.0 mm), fine (1.5 mm) or regular (3.0 mm) wood wool structure;
- natural (unpainted) or painted
- reaction to fire B-s1, d0

### **2. APPLICATIONS:**

Appropriate for **thermal insulation** and **delimiting constructions** according to the technical specification. **Interior works** and decoration, **suspended ceilings** without load. **Sound absorption**.

### **3. NAME AND ADDRESS OF THE MANUFACTURER:**

**CEWOOD** SIA, Reg. No. LV45403042702

Address: "Galdusalas-1", Jaunlaicene parish, Alūksnes region, LV-4336, Latvia

### **4. NAME AND ADDRESS OF THE AUTHORISED REPRESENTATIVE:**

**N/A**

### **5. SYSTEM FOR ASSESSMENT AND VERIFICATION OF CONSTANCY OF PERFORMANCE OF THE PRODUCT (AVCP):**

AVCP System **1 and 3**

### **6. CERTIFICATION STANDARD:**

According to standard **EN 13168-2012+A1:2015**

### **7. CERTIFICATION COMPANY:**

**INSPECTA LATVIA** A/S, NB 1325

Address: Skanstes street 54A, Riga, LV-1013, Latvia

Issued certificate of constancy of performance No. 1325-CPR-3363A

**VILNIUS GEDIMINAS TECHNICAL UNIVERSITY, FACULTY OF CIVIL ENGINEERING, INSTITUTE OF BUILDING MATERIALS, LABORATORY OF THERMAL INSULATING MATERIALS AND ACOUSTICS, NB 1688**

Address: Linkmenų street 28, Vilnius, LT-08217, Lithuania.

**8. DECLARED OPERATIONAL CHARACTERISTICS:**

<b>ESSENTIAL CHARACTERISTICS</b>	<b>PERFORMANCE</b>	<b>REFERENCE</b>
Declared thermal resistance		EN 13168:2012+A1+2015
Thickness 15 mm	0,20 m <sup>2</sup> ·K/W	
Thickness 25 mm	0,35 m <sup>2</sup> ·K/W	
Thickness 35 mm	0,50 m <sup>2</sup> ·K/W	
Thickness 50 mm	0,75 m <sup>2</sup> ·K/W	
Declared thermal conductivity	0,069 W/m·K	
Reaction to fire	B, S1, D0	
Effects of heat, erosion, ageing/decomposition on thermal resistance stability	15 mm - 0,20 m <sup>2</sup> ·K/W	
	25 mm - 0,35 m <sup>2</sup> ·K/W	
	35 mm - 0,50 m <sup>2</sup> ·K/W	
	50 mm - 0,70 m <sup>2</sup> ·K/W	
	0,069 W/m·K	
	Durability properties – no performance determined (NPD)	
Effects of heat, erosion, ageing/decomposition on reaction to fire	Durability properties – no performance determined (NPD)	
Compression		
Thickness 15 mm	CS(10)300	
Thickness 25 mm	CS(10)300	
Thickness 35 mm	CS(10)200	
Thickness 50 mm	CS(10)200	
Bend		
Thickness 15 mm	≥ 1700 kPa	
Thickness 25 mm	≥ 1300 kPa	
Thickness 35 mm	≥ 1000 kPa	
Thickness 50 mm	≥ 700 kPa	
Tensile strength	TR5	
Vapour permeability	MU5	
Water permeability	WS 3	
Compression creep	NPD	

<b>ESSENTIAL CHARACTERISTICS</b>	<b>PERFORMANCE</b>	<b>REFERENCE</b>
Sound absorption. Extended sound absorption coefficient ( $\alpha_w$ )	0,50 - 0,90	
Release of hazardous substances	NPD	
Continuous smouldering	NPD	

*This declaration of performance is issued under the sole responsibility of the manufacturer identified in point 4., in accordance with Regulation (EU) No. 305/2011.*

Signed for and on behalf of the manufacturer by:

**CEWOOD SIA, Member of board**



**Ingars Ūdris**