

## **GECON** *Acoustic*



### **Declaration of performance**

*VP-SK-2016002*



**GreenCon International, s. r. o.**

**Company headquarters**

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# Declaration of performance

Nr.: VP-SK-2016002

## 1. The unique identification code of the product type:



## 2. Identification of the construction product:

**GECON Acoustic** 1,200 x 800 x 20 mm

**Product Nr. 2016002**

Identification of a product batch is transferred printed on a label on the front side of the board.

## 3. Intended uses for the construction product:

**The self-supporting lightweight composite board for indoor use and dry construction.**

## 4. The name and contact address of the manufacturer:

**GreenCon International, s. r. o.**

Rajská 7,  
811 08 Bratislava  
Slovak Republic  
[www.greencon.sk](http://www.greencon.sk)  
[info@greencon.sk](mailto:info@greencon.sk)

## 5. System of assessment and verification of constancy of performance of construction products:

**System 3**

System or systems of assessment and verification of performance of construction products in accordance with Annex I.

## 6. **GECON Acoustic** panels have been certified by authorized testing laboratory

**Applied Precision, s. r. o. , Bratislava, Reg. Nr. 175 / S - 167 , according to EN ISO 10140 - 1 : 2011, STN EN ISO 10140 - 2 : 2011**

## Declared parameters

<b>GECON Acoustic</b> Dimensions in mm	EN 324 - 1	<b>800 to 2,700 mm</b>	Length
	EN 324 - 1	<b>600 to 1,200 mm</b>	Width
	EN 324 - 1	<b>20</b>	Thickness
Tolerances Dimensions in mm	EN 324 - 1	<b>+/- 3</b>	Length
	EN 324 - 1	<b>+/- 3</b>	Width
	EN 324 - 1	<b>+/- 1</b>	Thickness
	EN 324 - 2	<b>+/- 2</b>	Diagonal
Density in kg / m <sup>3</sup>	EN 323	<b>1,600 +/- 10 %</b>	<b>GECON Acoustic 20 mm</b>
Surface hardness	<b>NDP</b>		
The use	<b>Lightweight board for use in interior walls</b>		
Reaction to fire	EN 13501 - 1	<b>D, s1, d0</b>	
Reaction to fire ignitability	EN ISO 11925 - 2	<b>No, No, 0, No</b>	Complies
Fire resistance class	<b>NPD</b>		
Resistance to prolonged exposure to water	<b>NPD</b>		
Water vapor permeability ( $\mu$ )	EN 12086	<b>50</b>	<b>GECON Acoustic 20 mm</b>
Formaldehyde - Emission class (mg/m <sup>3</sup> )	EN 717 - 1	<b>0,01</b>	
Changes in geometry exposure to water	<b>NPD</b>		
Humidity boards in %	EN 322	<b>5 - 12</b>	
Bending strength in the major axis (N/mm <sup>2</sup> )	EN 310	<b>NPD</b>	
Flexural modulus (N/mm <sup>2</sup> )	EN 310	<b>NPD</b>	
The tensile strength perpendicularly to the board plane (N/mm <sup>2</sup> )	EN 319	<b>NPD</b>	
Screw withdrawal strength (N/mm <sup>2</sup> )	EN 320	<b>NPD</b>	
Stability compressive strength	<b>NPD</b>		
Airborne sound insulation $R_w$ v dB	EN ISO 10140 - 2	<b>37</b>	<b>GECON Acoustic 20 mm</b>
Index of reducing impact noise level / Index normalized impact noise level in dB	EN ISO 10140 - 2	$\Delta L_w$ <b>26 to 35 dB</b> $L_{n,r,w}$ <b>43 to 52 dB</b>	Depending on the floor construction in the certificate AK 02-3/14, AK 03-3/14, AK 04-3/14
Sound absorption	<b>NPD</b>		
Thermal conductivity (W/mK)	EN 12667	<b>NPD</b>	
Thermal resistance R (m <sup>2</sup> .K/W)	EN 12667	<b>NPD</b>	
Durability	<b>NPD</b>		

**GECON Acoustic** product parameters are consistent with the declared performance. Responsibility for this declaration of performance lies with the manufacturer **GreenCon International, s. r. o.**



Ing. Martin Lenčes