

## Declaration of performance Nr.: VP-SK-2016001

1. The unique identification code of the product type:

**Gecon Acoustic**



2. Identification of the construction product:

**GECON Acoustic 1200 x 800 x 10 mm  
Product Nr. 2016001**

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, s.r.o.  
Rajská 7  
811 08 Bratislava  
Slovak Republic  
www.greencon.sk  
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. č. 175 / S - 167, according to EN ISO 10140-1 : 2011, STN EN ISO 10140-2 : 2011



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## Gecon Acoustic 1200 x 800 x 10 mm

### Declared parameters:

Gecon Acoustic Dimensions in mm	EN 324 – 1 EN 324 – 1 EN 324 – 1	800 till 2700 600 till 1200 10	Length Width Thickness
Tolerances Dimensions in mm	EN 324 – 1 EN 324 – 1 EN 324 – 1 EN 324 - 2	+/- 3 +/- 3 +/- 0,8 +/- 2	Length Width Thickness Diagonal
Density in kg / m <sup>3</sup>	EN 323	800 +/- 10 %	Gecon Acoustic 10 mm
Surface hardness		NPD	
The use			Lightweight plate for use in interior walls
Reaction to fire	EN 13501 - 1	D, s1, d0	
Reaction to fire ignitability	EN ISO 11925-2	No, No, 0, No	Comply
Fire resistance class		NPD	-
Resistance to prolonged exposure to water		NPD	
Water vapor permeability ( $\mu$ )	EN 12086 EN 12086	28 50	Gecon Acoustic 10 mm Gecon Acoustic 20 mm
Formaldehyde - Emission class (mg/m <sup>3</sup> )	EN 717 - 1	0,01	
Changes in geometry exposure to water		NPD	-
Humidity boards in %	EN 322	5 - 12	
Bending strength in the major axis (N/mm <sup>2</sup> )	EN 310	9	Gecon Acoustic 10 mm
Flexural modulus (N/mm <sup>2</sup> )	EN 310	920	Gecon Acoustic 10 mm
The tensile strength perpendicularly to the board plane (N/mm <sup>2</sup> )	EN 319	0,19	Gecon Acoustic 10 mm
Screw withdrawal strength (N/mm <sup>2</sup> )	EN320	48	Gecon Acoustic 10 mm
Stability compressive strength		NPD	-
Airborne sound insulation $R_w$ v dB	EN ISO 10140-2	33 37 39	Gecon Acoustic 10 mm Gecon Acoustic 20 mm Gecon Acoustic 30 mm
Index of reducing impact noise level / index normal impact noise level in dB	EN ISO 10140-2	$\Delta L_w$ 26 till 35 dB $L_{nr,w}$ 43 till 52 dB	Depending on the floor construction in the certificate 02-3/14, AK 03-3/14, AK 04-3/14
Sound absorption		NPD	-
Thermal conductivity (W/mK)	EN 12667	0,19	Gecon Acoustic 10 mm
Thermal resistance R (m <sup>2</sup> .K/W)	EN 12667	0,10	Gecon Acoustic 10 mm
Durability		NPD	-

Gecon Acoustic product parameters are consistent with the declared performance. Responsibility for this declaration of performance lies with the manufacturer GreenCon Ltd.

Ing. Martin Lenčoš  
GreenCon, s.r.o.

Bratislava, 01.01.2016



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