

Declaration of Performance

No. GX-01-0011-02

1. Unique identification code of product type:

GUTEX Happy Step

2. Marking to identify the construction product as per Article 11 Paragraph 4 of CPR

The date of manufacture or the batch number appears in the product identification number.

3. Intended purpose of construction product pursuant to the harmonised technical specification:

Thermal insulation for buildings

4. Name, registered trade name or registered trade mark, and contact address pursuant to Article 11 Paragraph 5 of CPR:

**GUTEX Holzfaserplattenwerk
H. Henselmann GmbH + Co KG**

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5. Name and address of the representative authorised for the duties pursuant to Article 12 Paragraph 2 of CPR:

none

6. System used to assess and verify the performance consistency as per Appendix V of CPR:

System 3

7. This construction product is subject to the following harmonised standard:

The notified body **MPA Stuttgart – 0672** – performed the assessment and verification of the product type. The manufacturer performs the factory production control.

8. This construction product is subject to the verification of an European Technical Assessment Body:

not applicable

9. Declared performance:

Essential Characteristic Feature	As	Performance	Harmonised Technical Specification				
Fire reaction		Euro Class E	EN 13171: 2012				
Acoustic attenuation	Rated acoustic attenuation coefficient	NPD					
Impact sound transmission (floors)	Degree of dynamic stiffness	NPD					
	Thickness at a load of 250 Pa	NPD					
	Compressibility	NPD					
	Degree of air flow resistivity	AF _r 100					
Thermal resistance	Nominal thermal resistance R_D [m ² K/W] at nominal thickness (mm) or	<table border="1" style="display: inline-table; vertical-align: middle;"> <tr> <td style="text-align: center;">4</td> <td style="text-align: center;">6</td> </tr> <tr> <td style="text-align: center;">0,05</td> <td style="text-align: center;">0,10</td> </tr> </table>		4	6	0,05	0,10
		4		6			
	0,05	0,10					
	Thermal conductivity λ_D with	$\lambda_D = 0.046$ W/mK					
thickness as nominal thickness d_N	See pallet packing list						
	Tolerance grade	T5					
Water permeability	Degree of short term water absorption	WS2,0					
Water vapour permeability	Nominal water vapour diffusion resistance factor	MU5					
Compressive strength	Degree of compressive stress/strength	CS(10\Y)100					
	Extent of concentrated load to produce 5-mm deformation	NPD					
Constancy of thermal resistance in the face of heat, weathering, ageing/degradation	Dimensional stability (nominal) at 70 °C	NPD					
	Dimensional stability under controlled temperature and relative humidity	NPD					
Tensile /flexural strength	Degree of the tensile strength perpendicular to the board's face	NPD					
Constancy of the compressibility subject to ageing and degradation	Long-term creep characteristics when subjected to compressive forces	NPD					

10. The performance of the product as per Items 1 and 2 corresponds with the declared performance as per Item 9. The manufacturer named in Item 4 is solely responsible for the compilation and contents of this Declaration of Performance.

Signed in the manufacturer's name:

Mr. Claudio Thoma, Managing Director

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(Name and position)

23.06.2017 Waldshut-Tiengen, Germany

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(Date and site of issue)



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(Signature)