

DECLARATION OF PERFORMANCE

GX-01-0014-04

1. Unique identification code of the product type

GUTEX Thermoroom

2. Purpose of use

Thermal insulation for buildings

3. Manufacturer

GUTEX Holzfaserplattenwerk
H. Henselmann GmbH + Co KG
Gutenberg 5
79761 Waldshut-Tiengen
Germany

4. Authorised representative

No authorised representative

5. System for the assessment and verification of constancy of performance

System 3

6. Harmonised standard

EN 13171:2012+A1:2015

Notified body: NB 0672 - MPA Stuttgart

7. Declared performance

Essential features	stated as	Performance
Thermal resistance	Thermal resistance R_D per nominal thickness d_N	see table below ¹⁾
	Nominal thermal conductivity λ_D [W/mK]	see table below ¹⁾
	Tolerance class	T4
Reaction to fire	Fire reaction Euro Class as per EN 13501-1	E
Durability of fire behaviour under the influence of heat, weathering, ageing/degradation	Properties of durability	NPD
Durability of the thermal resistance under the influence of heat, weathering, ageing/degradation	Thermal resistance R_D per nominal thickness d_N	NPD
	Thermal conductivity λ_D [W/mK]	NPD
	Properties of durability	NPD
	Dimensional stability	NPD
Compressive strength	Compressive stress	CS(10/Y)50
	Point load	NPD
Tensile / flexural strength	Tensile strength perpendicular to the panel plane	TR7,5
	Tensile strength parallel to the panel plane	NPD
Durability of compressive strength under the influence of ageing/degradation	Creep behaviour under compressive stress	NPD
Water permeability	Short-term water absorption	NPD
Water vapour permeability	Water vapour transmission	MU3
Impact sound transmission (for floors)	Dynamic stiffness	NPD
	Thickness	NPD
	Compressibility	NPD
	Air flow resistivity	AF_r100
Sound absorption level	Sound absorption	NPD
airborne sound insulation index	Air flow resistivity	AF_r100
Release of dangerous substances, discharge into the building interior	Release of dangerous substances	NPD
smoldering behavior	smoldering behavior	NPD

NPD: No Performance Determined

1) Thermal resistance and nominal thermal conductivity per panel thickness

Thickness d_N [mm]	20	40	50	60	80	100
R_D [m ² K/W]	0.50	1.00	1.25	1.50	2.05	2.55
λ_D [W/mK]	0.040	0.039	0.039	0.039	0.039	0.039

The performance of the above product corresponds to the declared performances.

The manufacturer named above is solely responsible for preparing the declaration of performance in accordance with Regulation (EU) No. 305/2011.

Signed for the manufacturer and on behalf of the manufacturer

 **GUTEX** Holzfaserplattenwerk
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Waldshut-Tiengen, 11/08/2023 · Claudio Thoma, Managing Director

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