

DECLARATION OF PERFORMANCE

GX-01-0005-04

1. Unique identification code of the product type

GUTEX Thermofloor

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] | 0,040 |
| | Tolerance class | T7 |
| 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(10/1)70 |
| | Point load | NPD |
| Tensile / flexural strength | Tensile strength perpendicular to the panel plane | NPD |
| | 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 | 20mm = SD40 30mm = SD30 |
| | Thickness | NPD |
| | Compressibility | CP2 |
| | Air flow resistivity | AF _r 100 |
| Sound absorption level | Sound absorption | NPD |
| airborne sound insulation index | Air flow resistivity | AF _r 100 |
| 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 per panel thickness | | |
|---|------|------|
| Thickness d_N [mm] | 20 | 30 |
| R_D [m²K/W] | 0,50 | 0,75 |

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

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Waldshut-Tiengen, 30/01/2025 · Claudio Thoma, Managing Director