

## DECLARATION OF PERFORMANCE

GX-01-0025-05

1. Unique identification code of the product type

GUTEX Multitherm

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 <sup>1)</sup>
	Nominal thermal conductivity $\lambda_D$ [W/mK]	<b>0.040</b>
	Tolerance class	<b>T4</b>
Reaction to fire	Fire reaction Euro Class as per EN 13501-1	<b>E</b>
Durability of fire behaviour under the influence of heat, weathering, ageing/degradation	Properties of durability	<b>NPD</b>
Durability of the thermal resistance under the influence of heat, weathering, ageing/degradation	Thermal resistance $R_D$ per nominal thickness $d_N$	<b>NPD</b>
	Thermal conductivity $\lambda_D$ [W/mK]	<b>NPD</b>
	Properties of durability	<b>NPD</b>
	Dimensional stability	<b>DS(70,-)2</b>
Compressive strength	Compressive stress	<b>CS(10/Y)70</b>
	Point load	<b>NPD</b>
Tensile / flexural strength	Tensile strength perpendicular to the panel plane	<b>TR7,5</b>
	Tensile strength parallel to the panel plane	<b>NPD</b>
Durability of compressive strength under the influence of ageing/degradation	Creep behaviour under compressive stress	<b>NPD</b>
Water permeability	Short-term water absorption	<b>WS1,0</b>
Water vapour permeability	Water vapour transmission	<b>MU4</b>
Impact sound transmission (for floors)	Dynamic stiffness	<b>NPD</b>
	Thickness	<b>NPD</b>
	Compressibility	<b>NPD</b>
	Air flow resistivity	<b>AF<sub>r</sub>100</b>
Sound absorption level	Sound absorption	<b>NPD</b>
airborne sound insulation index	Air flow resistivity	<b>AF<sub>r</sub>100</b>
Release of dangerous substances, discharge into the building interior	Release of dangerous substances	<b>NPD</b>
smoldering behavior	smoldering behavior	<b>NPD</b>

NPD: No Performance Determined

1) Thermal resistance per panel thickness									
Thickness $d_N$ [mm]	<b>40</b>	<b>60</b>	<b>80</b>	<b>100</b>	<b>120</b>	<b>140</b>	<b>160</b>	<b>180</b>	<b>200</b>
$R_D$ [m <sup>2</sup> K/W]	<b>1.00</b>	<b>1.50</b>	<b>2.00</b>	<b>2.50</b>	<b>3.00</b>	<b>3.50</b>	<b>4.00</b>	<b>4.50</b>	<b>5.00</b>

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  
H. Henselmann GmbH + Co KG  
Gutenberg 5 · Tel.: 07741/6099-0  
D-79781 Waldshut-Tiengen

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

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