

CERTIFICATE

No. 036-03.304

Certificate Holder

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

Production Site(s)

Gutenberg

Product

GUTEX Thermowall
Wood fiber thermal insulation board

Testing Basis

European Insulation Keymark Scheme for
Thermal Insulation Products 2.1:2019
EN 13172:2012
EN 13171:2012+A1:2015

Mark of Conformity



Valid until

ID036
2022-06-30

Right of Use

This certificate entitles the manufacturer to affix the above depicted symbol of conformity in connection with the reference of the certificate number.

Stuttgart, 2020-07-01

Dr. rer. nat. Thomas Popp
Head of Certification Body



Annex of Certificate No. 036-03.304

Product **GUTEX Thermowall**

Euroklasse E

Nominal Value of Thermal Conductivity $\lambda_D = 0,040 \text{ Wm}^{-1}\text{K}^{-1}$

Thickness in mm 20 mm – 160 mm

Designation Code WF-EN 13171-T5-DS(70,-)2-CS(10/Y)100-TR10-WS1,0-MU4-AFr100

Relevant Characteristics

for the intended use as thermal insulating material of buildings (ThIB)

Symbol	Characteristic	Standard	Unit	Declaration
E	reaction to fire	EN 13501-1	--	E
λ_D	nominal value of thermal conductivity	EN 12667	$\text{Wm}^{-1}\text{K}^{-1}$	0,040
T	class of thickness tolerances	EN 823	--	5
DS(70,-)	dimensional stability at 70°C	EN 1604	%	2
CS(10/Y)	compressive stress at 10 % deformation	EN 826	kPa	100
TR	tensile strength perpendicular to faces	EN 1607	kPa	10
WS	short term water absorption	EN 1609	kg/m^2	1,0
MU	water vapour diffusion resistance factor	EN 12572	--	4
AFr	airflow resistivity	EN 29053	$\text{kPa}\cdot\text{s/m}^2$	100

