

CERTIFICATE

No. 036-03.305

Certificate Holder

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

Production Site(s)

Gutenberg

Product

GUTEX Thermowall-gf
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



ID036

Valid until

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. 036-03.305

Product **GUTEX Thermowall-gf**

Euroklasse E

Nominal Value of Thermal Conductivity $\lambda_D = 0,043 \text{ Wm}^{-1}\text{K}^{-1}$

Thickness in mm 40 mm – 60 mm

Designation Code **WF-EN 13171-T5-DS(70,-)3-CS(10/Y)150-TR20-WS1,0-MU3-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	$\text{Wm}^{-1}\text{K}^{-1}$	0,043
T	class of thickness tolerances	EN 823	--	5
DS(70,-)	dimensional stability at 70°C	EN 1604	%	3
CS(10/Y)	compressive stress at 10 % deformation	EN 826	kPa	150
TR	tensile strength perpendicular to faces	EN 1607	kPa	20
WS	short term water absorption	EN 1609	kg/m^2	1,0
MU	water vapour diffusion resistance factor	EN 12572	--	3
AFr	airflow resistivity	EN 29053	$\text{kPa}\cdot\text{s/m}^2$	100

