

FLEXIBLE BUT STRONG!

GUTEX Thermoflex®: Drastically stronger fitting,

Incredibly less dust & Long-lasting, highly effective insulation

Retail



The new generation of Thermoflex® outperforms other flexible wood fibre insulation batts on the market!

Its extremely homogenous fibre structure makes it stronger and more rigid for a stronger, more lasting and easier wedged-in fit in framed constructions. And its superior insulating performance endures long into the future.



That's not all!

The new Thermoflex® generates noticeably less dust than comparable insulation batts, which translates into a better and healthier work environment for contractors, as well as cleaner work sites. In addition, it feels great, looks good and, though it is a batt, it is every bit as precisely dimensioned as boards. You'll notice when you cut it how quickly and cleanly it cuts, meaning less installation time and less waste.



Naturally, it's natureplus®-certified

Like all GUTEX products, only fir and spruce obtained from the Black Forest using sustainable forestry practices goes into the new Thermoflex® – truly the best basis for high quality wood fibre insulation. In addition, the natureplus® certificate indicates the product is biologically safe and manufactured using environmentally safe techniques and practices. It also verifies its suitability and usability for the specified applications.

ADVANTAGES

- › Drastically stronger fitting
- › Incredibly less dust
- › Long-lasting, highly effective insulation
- › Declared thermal conductivity (λ_D) 0.036

TECHNICAL INFORMATION

Joint Type	Butt
Thickness (mm)	40/50/60/80/100/120/140/ 160/180/200/220/240
Length x width (mm)	1350 x 575
Square metres per batt (m ²)	0.78
Weight per m ² (kg/m ²)	2/2.5/3/4/5/6/7/8/9/ 10/11/12
Packages per pallet	14/10/10/10/12/10/8/10/ 8/12/10/10
Batts per pallet	112/90/80/60/48/40/32/30/ 24/24/20/20
Batts per package	8/9/8/6/4/4/4/3/3/2/2/2
Square metres per pallet (m ²)	86.94/69.86/62.10/46.58/ 37.26/31.05/24.84/23.29/ 18.63/18.63/15.53/15.53
Weight per pallet (kg)	200
Density (kg/m ³)	~50
Nominal thermal conductivity λ_D (W/mK)	0.036
Nominal thermal resistance R_D (m ² K/W)	1.10/1.35/1.65/2.20/2.75/3. 30/3.85/4.40/5.00/5.55/6.10 /6.65
Vapour diffusion factor (μ)	1-2
sd-value (m)	0.08/0.10/0.12/0.16/0.20/0.24/ 0.28/0.32/0.36/0.40/0.44/0.48
Air flow resistivity (kPa s/m ²)	5
Specific heat capacity (J/kgK)	2100
Max. ambient temperature	100° C
Fire reaction Euro Class as per DIN EN 13501-1	E

Designation: WF-EN 13171-T5-WS1.0-CS(10/Y)50-TR7,5-MU3-AFr100

German disposal category: A2 (treated wood; without non-halogenated organic compounds); code number as per AVV: 030105; 170201

Fitting Specifications for Wood-Framed Structures

Batt Thickness	Maximum Batt Width
40 mm	450 mm
50 mm	475 mm
60 mm	500 mm
80 mm	565 mm
100 mm	600 mm
120 mm	650 mm
140 mm	700 mm
160 mm	750 mm
180 mm	800 mm
200 mm	850 mm
220 mm	900 mm
240 mm	950 mm

OUR PRODUCT AND SERVICE DESIGNATIONS



Roof



Wall



Interior

Your source for assistance with
GUTEX products:

Ecological Building Systems

For stockist information and full technical support for your project, please contact Ecological Building Systems or visit www.EcologicalBuildingSystems.com

