

# Fibertherm safe 140

Shortage for flat pitched roofs

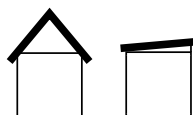
**Beton**  **Wood**

Environmentally-friendly insulation system  
made with natural wood fibres



## | AREAS OF APPLICATION

Heat-insulating bottom cover made  
of natural wood fiber.



## | MATERIAL

Wood fibre insulation board  
produced in accordance with EN  
13171 and with ongoing quality  
supervision.

Wood for FiberTherm safe comes  
from sustainable forestry and is  
independently certified by the FSC®.

- faded underfloor panel with directly laminated roofing membrane
- for roof pitches > 5° and roof coverings with low pitched roof pitch
- heat-insulating under-cover underneath ventilated metal covers (trapezoidal sheet or standing seam cover)
- use for the increased rain safety acc. Examination Wood Research Austria
- increased driving rain safety
- quick and easy bonding with the integrated self-adhesive strips
- can be combined with Fibertherm multi UDB (sub roof track) to form connection details (e.g., throat, burr etc.)
- diffusion-open for increased construction safety
- bottom plate made by dry process

For more informations about the uses and the installation,  
our offices are ready to answer your questions on [www.fibradilegno.com](http://www.fibradilegno.com)

## RECOMMENDATIONS

Store flat, level and under cover.

Protect edges from damage

Remove plastic foil packing only when the pallet is on hard, dry and even ground

Max. stacking height: 2 paletts

For dust extraction please refer tonational requirements



## AVAILABLE DIMENSIONS FiberTherm safe 140 tongue and groove edges

Thickness	Dimension	Real surface	Weight/m²(kg)	Panels/Pallet	m²/Pallet	kg/Pallet
60 mm	1880x600 mm	1855x575 mm	8,40	36	38,4	ca.361
80 mm	1880x600 mm	1855x575 mm	11,20	28	29,9	ca.360
100 mm	1880x600 mm	1855x575 mm	14,00	22	23,5	ca.360

## TECHNICAL CHARACTERISTICS FiberTherm safe 140

Produced and supervised according to	DIN EN 13171
Board designation	WF-EN13171-T5-CS(10\Y)100-TR10-WS1,0
Fire class according to EN 13501-1	E
Declared thermal conductivity $\lambda_D$ W/(m*K)	0,040
Declared thermal resistance $R_D$ (m²*K)/W	1,50(60) / 1,95(80) / 2,45(100)
Density kg/m³	ab.140
Water vapour diffusion resistance factor $\mu$	7
sd value (m)	0,42(60) / 0,56(80) / 0,70(100)
Specific heat capacity c J/(kg*K)	2.100
Resistance to water passage	W1
Water tightness	≥ 4.000 mm
Working temperature	from +5 °C

## ACCESSORIES: SEALING TAPE FiberTherm multi nail

Material	cell-closed polyethylene
Temperature resistance	- 40 °C a + 80 °C

## PROCESSING

After joining the tongue and groove plates, the foil strips of Fibertherm safe overlap and can be removed with the help of the Self-adhesive seams are glued together. The laying instructions from the processing brochure Fibertherm safe must be observed.

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FTHSA IR.18.01



Das Zeichen für verantwortungsvolle Waldbirtschaft

