



Snow on the roof top - comfortable temperature underneath

Hofatex® Therm

Wood fibre boards according to EN 13171

Insulating panels Hofatex® Therm are used universally for construction insulation. They offer to architects, engineers, builders and prospective tenants lots of advantages for new constructions, betterments and rebuilds.

Insulating panels Hofatex® Therm provide excellent thermal insulation in winter and also optimal summer heat protection. The summer heat protection is an important part of planning especially if the attic shall be used as additional residential or working area.

Insulation value of wood fibre panels in comparison with wood is about three times better and raw material origin remains unchanged.

In addition, Hofatex® Therm fulfills the requirements for sound insulation – both air and sound impact insulation.



HOFATEX®

H O F A T E X
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S L O V A K I A
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isolare con il legno

l'isolation par le bois

insulate with wood

dämmen mit Holz

izolujite drevom

Hofatex® Therm

Produced according to EN 13171, EN 622
Usage according to DIN 4108-4

Universally suitable for all insulating fields:

- Thermal insulation
- Summer heat protection
- Air sound insulation
- Sound impact insulation

Insulations for:

- New constructions
- Rebuilds
- Betterments

Usable in:

- Roofs
- Walls
- Suspended facade
- Floors

Wood construction as well as massive constructions.

Technically reliable, nature product with easy and long term approved application experiences

Rational processing with a proven track record

Quality control:

- LGA Nürnberg
- CSI Praha - Zlín

Renewable raw material, ecologic building material

Construction - ecological impact:

- Institut für Baubiologie und Ökologie, Neubeuern

Your dealer:



Hofatex® Therm

Applications

Roof

Thickness, in which Hofatex® Therm is used, results from U - value, calculated for certain part of construction and from expectations connected with summer heat protection. Insulating panels are generally applied above rafters. The best results can be achieved by full area laying in various formats. Thanks to homogenous structure of fibres the panels Hofatex® Therm are stable in form and have excellent leveling features.

Wall

Hofatex® Therm is very suitable for exterior walls insulation (with suspended facade), as well as for interior partition walls. Apart from well known values of thermal insulation this option can help to achieve very high values of air sound transmission insulation.

Based on hygroscopic features of raw material (wood) Hofatex® Therm provides comfortable climate in the room by air humidity regulation.

Flooring

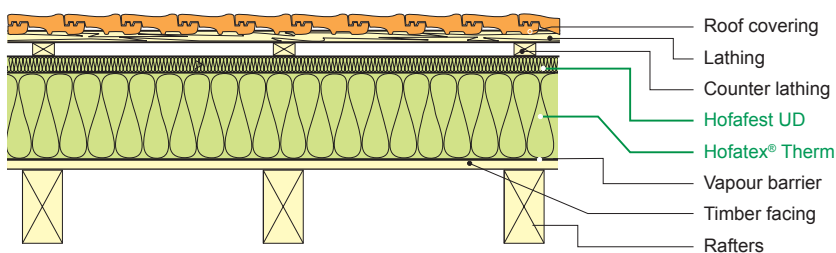
Because of high compression strength Hofatex® Therm is highly recommended for thermal insulation and sound impact insulation under cement screed or dry floors.

Internal test of various construction heights proves the best values for construction heights and loads which correspond with standards.

General

Hofatex® Therm offers the confidence for designers and builders thanks to rational processing without any ends.

Hofatex® Therm in pitched roof (Insulation above rafters)



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Technical data

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Thermal conductivity - declared
 $\lambda_D = 0,039 \text{ W / m.K}$

Vapour diffusion factor
 $\mu = 5$

Specific thermal capacity
2 100 J/kgK

Fire reaction class according to EN 13501-1
E

Building material class according to DIN 4102
B2

Density
150 kg/m³

Water absorption
 $\leq 2 \text{ kg/m}^2$

Tensile strength
 $\geq 5 \text{ kPa}$

Compression strength
 $\geq 20 \text{ kPa}$

Format in mm
800 x 1200

Thickness in mm
20, 30, 40, 60, 80, 100, 120

Special formats upon request

Wood-fiber insulation must be stored horizontally, kept dry and protected from mechanical damage.

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