



Safety with garantie

# Hofafest UD

## Wood fibre boards according to EN 13171, EN 622

Diffusion open underroof panels Hofafest UD are designed for closing up the insulation. The panels are mounted directly on rafters, if the pitched roof is insulated between the rafters or they are laid down on the insulation layer, if the roof is insulated above the rafters.

The Hofafest UD panels have perfect constructional and physical features common for all insulating materials from softwood fibres, provide extra improvement of thermal insulation (WLG 050), summer heat protection and sound insulation.

Thanks to very good value  $s_d$  (equivalent diffuse thickness) - from 0,09 m to 0,3 m Hofafest UD panels are suitable for all diffusion open constructions. Application of Hofafest UD as external sheathing provides safe construction in the case, when Hofatex® Therm is used as insulation above the rafters or blown insulation is used between the rafters (timber frame). Hofafest UD can be exposed as temporary decking for several weeks.

Hofatex® Hofafest UD 60mm



isolare con il legno  
l'isolation par le bois  
insulate with wood  
dämmen mit Holz  
izolujte dřevom



**HOFATEX®**

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S L O V A K I A  
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## Hofafest UD

Boards with hydrophobization

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

### Suitable for:

- New constructions
- Rebuilds
- Betterments

Underroof panels as well external wall sheathing.

From 20° roof gradient application without contact gaps gluing.

### Vapour diffusion factor

$\mu = 5$

Technically reliable, nature product with easy and long term approved laying 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:



# Hofafest UD

## Application

### Underroof panels

Hofafest UD safely closes the roof construction when is laid down under the roof covering. The panels protect the building against rain and snow directly as temporary decking after having been laid for several weeks. The whole roof construction is protected and assures the continuation of the construction works.

Due to very good vapour diffusion panels are used as substitution of diffusion foils and at the same time provide extra thermal insulation with elimination of the thermal bridges occurring in the rafters.

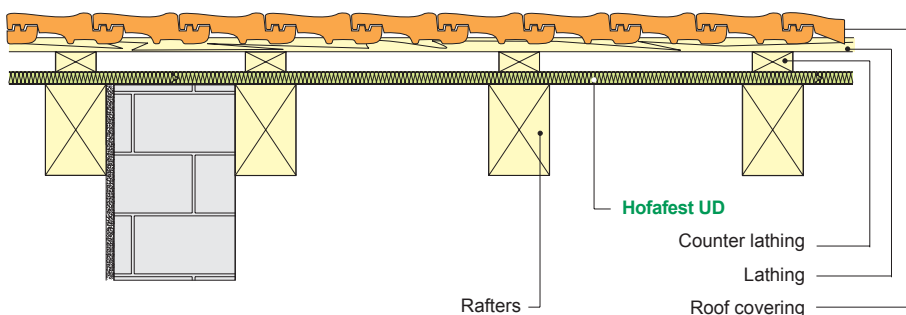
### External wall facing

Hofafest UD in timber frame construction is used as external walls sheathing. The panels provide air and water tightness of the timber construction under suspended facade with excellent vapour permeability. Hofafest UD panel cover and fix construction parts during long time up to facade mounting.

### Processing

Hofafest UD panels should be laid in principle with tongue on the upper side and fixed on the rafters with mounted lathing and corresponding nails. The ends of the panels used in lower row are used in following row as first with the edges in other line like panels in previous row to increase the compression strength. The moisture barrier foils are mounted in the area of eaves, gables and crest for safe protection against existing rainfalls.

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izolujte drevom

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### Technical data

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**Thermal conductivity** - declared  
 $\lambda_D = 0,049 \text{ W / m.K}$

**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:**  
260 kg/m<sup>3</sup>

**Water absorption**  
 $\leq 1,0 \text{ kg/m}^2$

**Tensile strength**  
 $\geq 50 \text{ kPa}$

**Compression strength**  
 $\geq 100 \text{ kPa}$

**Thickness** in mm  
22, 35, 52, 60, 80, 100

**Format** in mm  
580 x 2500 = 22 - 60 mm  
580 x 1750 = 80 - 100 mm

**Format with tongue** in mm  
600 x 2520 = 22 and 35 mm  
605 x 2525 = 52 and 60 mm  
605 x 1775 = 80 and 100 mm  
Special formats upon request

**Number of panels on pallet**  
22 - 100 / 35 - 62 / 52 - 42 /  
60 - 36 / 80 - 26 / 100 - 22

**Area in m<sup>2</sup> on pallet**  
22 - 145,0 / 35 - 89,9 / 52 - 60,9 /  
60 - 52,2 / 80 - 26,4 / 100 - 22,3

**Maximum distance between rafters** in cm  
22 - 85 / 35 - 95 / 52 - 100 /  
60 - 105 / 80 - 110 / 100 - 115

In pitched roofs > 20° over glue gaps  
with sealing tape!

With proper application suitable  
as temporary roof decking max. for 3 months,  
without snow load!

**HOFATEX**<sup>®</sup>  
insulate with wood