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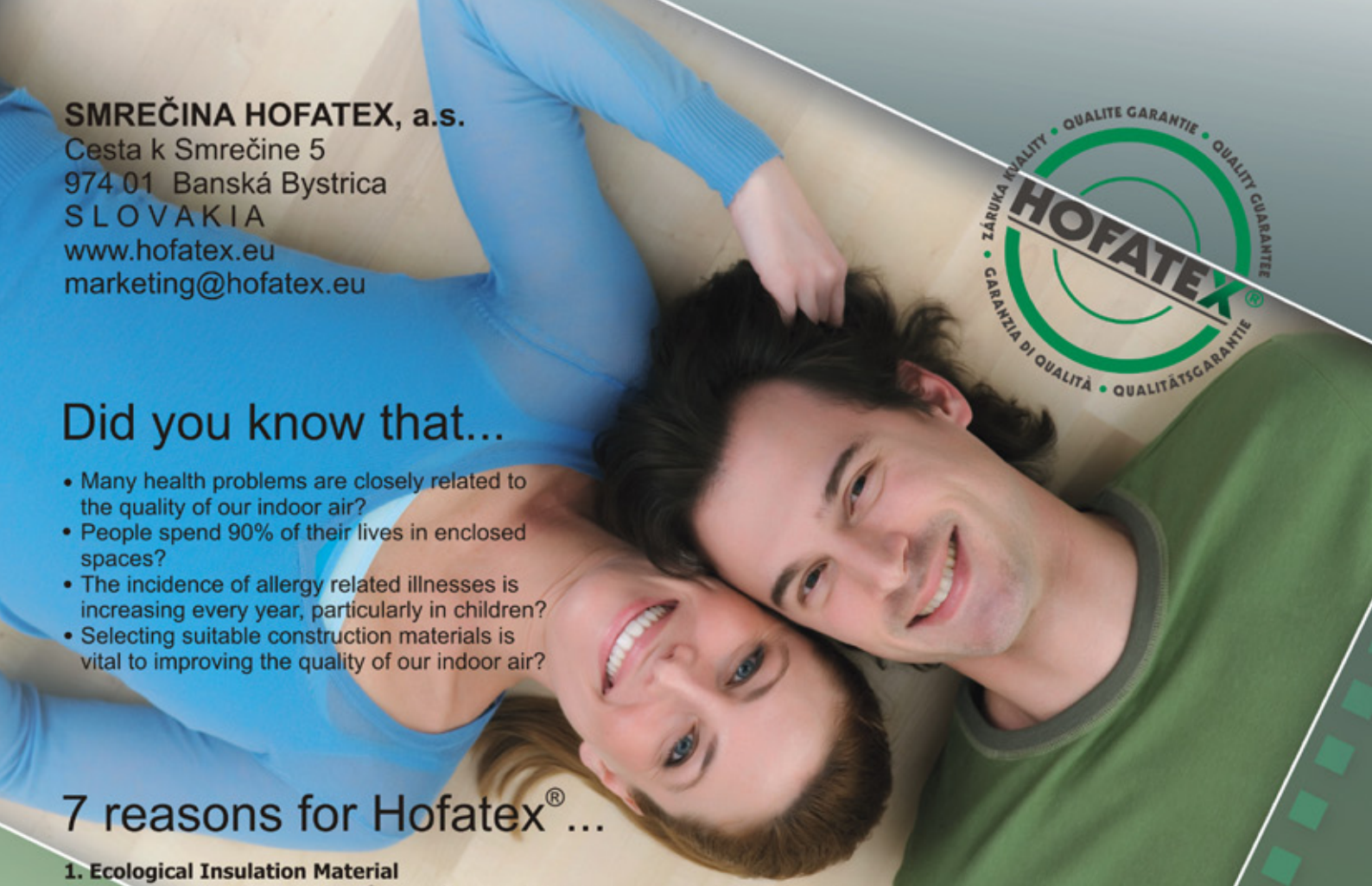


Did you know that...

- Many health problems are closely related to the quality of our indoor air?
- People spend 90% of their lives in enclosed spaces?
- The incidence of allergy related illnesses is increasing every year, particularly in children?
- Selecting suitable construction materials is vital to improving the quality of our indoor air?

7 reasons for Hofatex®...

1. Ecological Insulation Material
The production of the Hofatex® wood fibre insulation is an environmentally friendly process and the raw materials are sourced from sustainable forests. The Hofatex® boards are manufactured using the wet process only, so that the wood fibres are bound together using only natural materials. Hofatex® insulation boards are completely recyclable and compostable after their useful life.

2. Purely Ecological Starch Glue
Hofatex® use a new type of ecological glue for the binding process - a starch glue together with natural binding agents found within the wood. The starch glue has now completely replaced the previously used synthetic glue, based on polyvinyl acetate (PVA).

3. A Good Long Term Investment
Hofatex® wood fibre boards do not lose their insulation characteristics throughout their lifetime. Their special composition is the reason why they do not change their shape, and are therefore able to effectively insulate buildings for many years.

4. High Quality Material with a Proven Track Record
Hofatex® wood fibre boards, which are solely manufactured using the wet process, have been in production for decades. The high quality and longevity of this insulation is assured, as this product range has been used successfully throughout Europe for more than 30 years.

5. Excellent Thermal and Acoustic Insulation Characteristics
Hofatex® insulation boards are able to minimise thermal leakages from buildings due to their excellent thermal resistance (λ_0 = 0,039 W/m.K) resulting in lower heating costs. Thanks to their high density, they are able to effectively reduce noise transmission through walls, floors and ceilings.

6. The Highest Thermal Capacity of all Commonly Used Insulation Materials
The high thermal mass capacity of Hofatex® insulation boards, measured by Specific Thermal Capacity where c = 2100 J/kg K, means that they effectively protect against excessive overheating of rooms during the summer months. This ensures that there is an ambient indoor temperature throughout the whole year.

7. Vapour Transmittance
Hofatex® insulation boards, with a vapour diffusion factor of μ = 5, are open to diffusion and ensure sufficient water vapour transmission. This avoids condensation and mould growth in buildings, and contributes to the functionality, durability and healthy living environment of the insulated buildings.

Smrečina Hofatex a.s.,
is a traditional manufacturer of wood fibre insulation materials. For 60 years now it has been successfully manufacturing wood fibre products using the wet process of manufacture.

HOFATEX®
insulate with wood

HOFATEX®

izolujte drevom | dämmen mit Holz | insulate with wood

Hofatex® UD

Insulation panels for under-roofing and timber frame sheathing with increased moisture resistance. Tongue and groove.
Thickness: **22, 35, 52, 60, 80, 100 mm**
Format: **580 x 2500, 580 x 1750 mm**
Thermal conductivity: λ_D **= 0,049 W/(mK)**

Application:
External protection layer of the building shell. Under-roof panels on pitched roofs. Temporary weather protection of exposed roofs up to a maximum of 3 months without a snow load. External insulation of walls behind suspended façades.
Use according to DIN V 4108/10: **DAD, DAA, WAB, WAP, WH**

Hofatex® SysTem IA

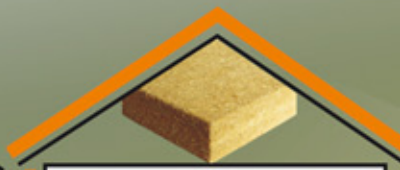
High quality boards for insulating the inside of exterior walls and which can be directly plastered over.
Thickness: **40, 60, 80, 100 mm**
Format: **590 x 1300, 1220 x 2600 mm**
Thermal conductivity: λ_D **= 0,041 W/(mK)**

Application:
Ideal for walls with no cavity and for historical and listed buildings where the exterior cannot be altered in any way. Perfect base for all types of plaster, especially lime and clay based plasters.
Use according to DIN V 4108/10: **DI, WH ,WI, WTR**

Hofatex® SysTem

Thermal insulation board for external walls which can be directly rendered over. Available in tongue and groove and square edge.
Thickness: **40, 60, 80, 100 mm**
Format: **590 x 1300, 1220 x 2600 mm**
Thermal conductivity: λ_D **=0,044 W/(mK)**

Application:
Thermal and acoustic insulation for the outside of external walls. Plaster baseboard for external thermal insulation composite systems. Suitable for timber and solid constructions.
Use according to DIN V 4108/10: **WAB, WAP, WH**



Hofatex® Therm

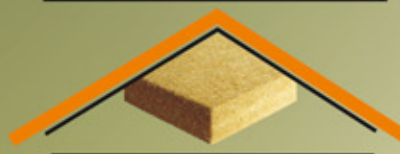
Universal insulation with an optimal combination of thermal (protection from both cold and heat) and sound insulation values.
Thickness: **20, 30, 40, 60, 80, 100, 120 mm**
Format: **800 x 1200, 600 x 1200 mm**
Thermal conductivity: λ_D**= 0,039 W/(mK)**

Application:
Insulation to be used above and between the rafters and between the studs in timber frame external walls. Also ideal for solid walls behind the suspended façade, for internal walls and for floors.
Use according to DIN V 4108/10: **DZ, DI, DEO, WZ, WH, WI, WTH**

Hofatex® Therm NK

Thermal and impact sound insulation used under timber floors. Can also be used for additional thermal insulation in roofs. Tongue and groove with wooden laying strips.
Thickness: **40 mm**
Format: **590 x 2250 mm**
Thermal conductivity: λ_D**= 0,039 W/(mK)**

Application:
Used under a wide range of timber floors, and also under wet or dry screeds. Can be used as additional thermal insulation in pitched roofs and under rafters, without using the timber strips.
Use according to DIN V 4108/10: **DI, DEO, WH, WI, WTR**



Hofatex® TopTherm

Universal insulation board with high compression strength. Hofatex® TopTherm is the next step up from the reliable Hofatex® Therm product.
Thickness: **20, 40, 60, 80, 100 mm**
Format: **600 x 2500 mm**
Thermal conductivity: λ_D **= 0,041 W/(mK)**

Application:
Thermal insulation for sloping roof constructions above the rafters. Also for use in floors with medium loading requirements.
Use according to DIN V 4108/10: **DAA, DEO**

Hofatex® Kombi

An insulation panel which is a combination of Hofatex® TopTherm and Hofatex® UD. Saves costs and time during application.
Thickness: **60, 80, 100 mm**
Format: **580 x 2500 mm**
Thermal conductivity: λ_D **= 0,041/0,049 W/(mK)**

Application:
Additional thermal insulation in new builds and reconstructions which can be used on pitched roofs above the rafters and on solid external walls behind a suspended façade. External insulation of timber frame constructions.
Use according to DIN V 4108/10: **DAD, DAA, WAB, WAP, WH**

Hofatex® CannaTherm

Flexible, universal insulation batts made from hemp fibres, which are used for insulating cavities in the building shell.
Thickness: **40, 50, 60, 80, 100, 120, 140, 160, 180**
Format: **600 x 1200 mm**
Thermal conductivity: λ_D **= 0,040 W/(mK)**

Application:
Universal thermal insulation for use in roofs, walls, floors and ceilings. Insulation fits snugly between rafters, between studs and between timber joists.
Use according to DIN V 4108/10: **DZ, DI, DEO, WZ, WH, WI, WTH**

Roof
Wall
Ceiling
Floor

QUALITE GARANTIE • QUALITY GUARANTEE • QUALITÄTSGARANTIE • QUALITÀ GARANZIA • ZÁRUKA KVALITY

HOFATEX®

Hofatex® Standard/Basic

A wood fibreboard for a wide range of applications e.g. Pinboards, office partitions and sandwich elements.
Thickness: **8, 10, 12, 15, 19, 20 mm**
Format: **1220 x 2440 mm / 1000 x 1200 mm**
Thermal conductivity: λ_D**= 0,046 W/(mK)**

Application:
Thermal and acoustic insulation for interior use on walls, floors and ceilings. Also used for pinboards, door cushioning and packaging. Available with a water resistant treatment to be used for external protection of timber constructions.
Use according to DIN V 4108/10: **DI, DEO, WH, WTR**

Hofatex® Strongboard

Board with high compression strength designed for floor constructions. Developed for use in floor structures with high loading requirements.
Thickness: **20, 40, 60, 80, 100 mm**
Format: **1000 x 1200 mm**
Thermal conductivity: λ_D **= 0,046 W/(mK)**

Application:
Ideal for use with wet and dry screeds, mastic asphalts, and timber floor coverings e.g. parquet or laminate.
Use according to DIN V 4108/10: **DEO, WH**

Hofatex® Silent

Effective and thin impact sound reduction layer, rated at 18dB (ΔLw), for underneath laminate or floating timber floor coverings.
Thickness: **6, 8 mm**
Format: **600 x 800 mm**
Thermal conductivity: λ_D**= 0,046 W/(mK)**

Application:
Underlay pad to reduce impact sound particularly underneath laminate and floating timber floors e.g. parquet. Also for use underneath OSB, chipboard or dry screeds.
Use according to DIN V 4108/10: **DEO**

Hofatex® Floor

Thermal and impact sound insulation boards for use under dry and wet screeds.
Thickness: **21/20 mm**
Format: **600 x 1200 mm**
Thermal conductivity: λ_D**= 0,040 W/(mK)**

Application:
Thermal and acoustic insulation specifically for use on floors.
Use according to DIN V 4108/10: **DEO, DES**

NFB
Natural FiberBoard

CE **Softboards produced according to: EN 13171, EN 622**
Quality control: **LGA Nürnberg, CSI Zlín**
Biological appraisal by: **Institute for Constructional Biology and Ecology, Neubeuern**