

#### Our Vision

Our goal is to enrich the market of conventionally used insulations with a new alternative: the Czech hemp insulation CANABEST, which with its insulating properties is a full-valued material which can be compared with commonly used materials, but it is an absolutely unique product due to its ability to cope with humidity.

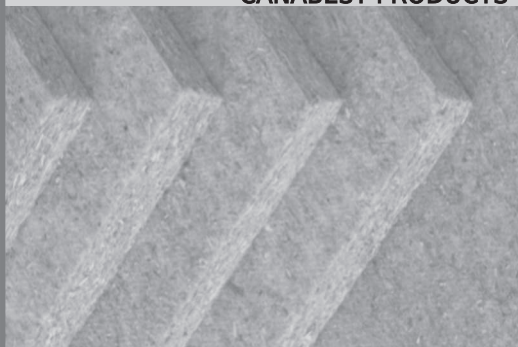
CANABEST reflects the current trend of return to natural and environmentally friendly materials and it can, as a Czech product, be available for everybody. CANABEST is in particular intended for conscientious building owners who care how their house and especially its occupiers will feel in future decades.



#### Why CANABEST

- Compared to conventional materials it has unique properties.
- It benefits from natural properties of natural fibres which retain the following features in the long term.
- It is able to absorb humidity and liberate it areally; so the house is able to breathe all the time.
- It prevents accumulation of humidity and consequent propagation of bacteria and moulds, with the help of which it maintains a healthy micro-climate.
- It is an ideal material for diffusion open structures.
- In winter it warms, in summer it cools.
- Working with this material is pleasant; without itching and scratching and it does not irritate respiratory organs, it is applied without gloves and protective clothes.
- It offers wide application in roof trusses, roofs, floors, internal and external walls.
- The production process is not demanding from the energy point of view and it does not load the environment.
- Natural materials are experiencing a renaissance - we are re-discovering the simplicity and attraction of materials that were used by our ancestors for ages.

#### CANABEST PRODUCTS



**CANABEST BASIC**

Insulating pads made of hemp fibres with addition of bonding fibres.

Bulk volume: 24 kg/m<sup>3</sup>

Composition:  
88-90 % hemp fibres  
8-12 % BiCo fibre - binder

Use:  
- between trusses,  
- in roof built-ins,  
- in wooden frame constructions,  
- in wooden roofs,  
- in external and internal walls  
- in structures made of wooden or clay panels.

**CANABEST PLUS**

Insulating pads made of hemp fibres with addition of bonding fibres.

Bulk volume: 36 kg/m<sup>3</sup>

Composition:  
88-90 % hemp fibres  
8-12 % BiCo fibre - binder

Use:  
- between trusses,  
- in roof built-ins,  
- in wooden frame constructions,  
- in wooden roofs,  
- in external and internal walls  
- in structures made of wooden or clay panels.

**CANABEST PANEL**

Thermal insulating boards made of hemp shives and fibres with addition of bonding fibres.

Bulk volume: 100 kg/m<sup>3</sup>

Composition:  
50-55 % hemp shives  
35-37 % hemp fibres  
9-15 % BiCo fibre - binder

Use:  
Insulating boards CANABEST PANEL are thermal and sound insulations for use in floors and facades.

- thermal conduction coefficient ( $\lambda$ ): 0,040-0,042 W/(m.K)  
- diffusion resistance factor ( $\mu$ ): 1,9  
- level of flammability according to DIN B2

#### Manufacturer:



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