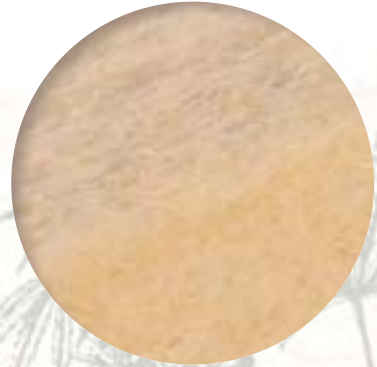


HempFlax Insulation[®]

*Sustainable building,
wholesome living*

- moisture regulating
- equable indoor climate
- open diffuse building method
- homogenous because of support fibre
- seamless and economical assembly
- detailed instructions



HempFlax bv

produktie en verwerking van vezels uit hennep en vlas
production and processing of fibers from hemp and flax



Nature wins!



Durable insulation material made from natural hemp fibre for the building industry and the DIY market. HempFlax Insulation mats are available in several thicknesses. HempFlax Insulation is suitable for insulating roofs, walls and floors against heat, cold and noise.

HempFlax Insulation is the ecological alternative to conventional insulation materials. Hemp processing is clean and low on dust. The material is well tolerated and does not cause itching.

HempFlax Insulation is a quality product with a high insulation factor. HempFlax distinguishes itself by excellent technical properties and meets the European technical admission requirements (ETA-02/0008) and DIN Standards.

Hemp fibre soaks up moisture and distributes it which results in optimal moisture regulation. As hemp fibre does not contain protein the material does not require chemical treatment against moths and beetles.

HempFlax Insulation is made of 85 per cent hemp fibre reinforced with 15 per cent polyester fibre. Soda has been added as a fire deterrent. HempFlax Insulation creates a healthy organic indoor climate.

HempFlax is available in a standard size of 600 x 1200 mm and thicknesses of 250 mm, 160 mm, 140 mm, 120 mm, 100 mm, 80 mm, 60 mm and 40 mm.

HempFlax Insulation in other thicknesses can be supplied on request. Please contact our sales department for samples or orders.

Technical facts & figures:

Natural raw hemp has a wide colour spectrum. Therefore colour differences may occur in HempFlax Insulation.

	Research	Result	Unit
User type	DIN 1865 P.-1	W + WL	
Fireproof level			
Building material class	DIN 4102	C-s2	
Thermal conduction - measured value	DIN 52612	0.04	W / m K
- calculated value	DIN 4108	0.045 WLG 045	W / m K
Vapour diffusion resistance	DIN 52615	1/2	μ
Tensile strength	DIN 18165	0.180	N/mm ²
Material density		30	Kg/m ³
Natural moisture level	DIN 52620	7%	
Fungus test	Following DIN IEC 68		Excellent 0
Moth and beetle test	EMPA		Not required

Instructions HempFlax Insulation:

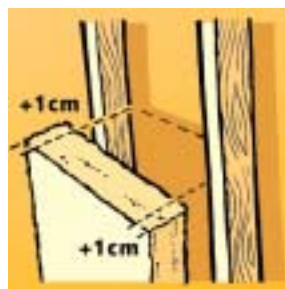
Easy to use

HempFlax Insulation is easy to use in the construction of new buildings and the renovation sector but also by DIY enthusiasts. HempFlax Insulation is suitable for roofs, walls and floors. HempFlax Insulation can be recycled in future conversions.



Storage

HempFlax Insulation packets must be stored in an upright position.



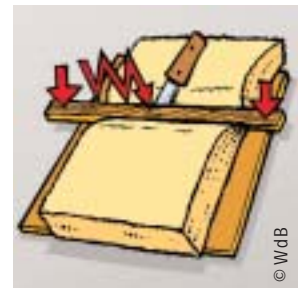
Measurements

The size of the insulation material should correspond with the size of the place where it is to be mounted. The insulation material should not be too large nor too small. The distance between the individual beams or styles should be measured and 1 or 2 cm should be added to this measurement. The slight excess will allow the insulation to cling and will prevent thermal bridges.



Tools

HempFlax Insulation is easy to cut. A knife with a long serrated blade gives best results.



Processing

In order to cut the insulation material down to size it needs to be compressed with a slat or plank on a level and stable surface. Now the insulation material can be sawed to size. For safety's sake and to obtain the correct size sliding the material should be avoided during cutting.

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Nature wins!