

Cellulose

insulation



The
Convenience
of Insulation



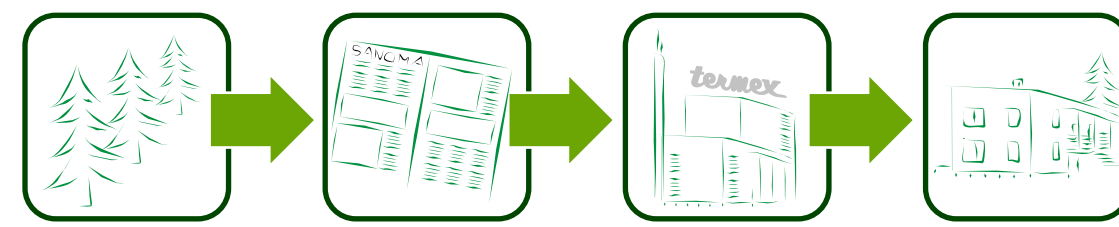
www.termex.fi



By insulating better you consume less
 The state of the environment has changed dramatically in the past decades. We consume more and more energy every day. By doing this, we burden the environment. Energy saving and combatting the climate change are essential choices. After all, we want to leave a healthy planet to future generations.

And you protect the environment and save money
 Future building regulations will require better energy efficiency and environmental performance. It is also likely that the price of energy will be higher. By improving the thermal insulation of buildings we create more environmentally friendly housing and can achieve considerable cost saving at the same time, we contribute to the reduction of harmful CO₂ emissions and slow down the climate change. Energy efficiency is an investment in the future.

Termex is a blown-in thermal insulation.



Termex cellulose insulation is an ecological choice

- made from recycled paper
- energy efficient manufacturing process compared to other types of insulation
- If you use cellulose insulation, your home will require less heating energy and be more ecological
- When the building has reached the end of its life cycle, cellulose insulation can be reused as thermal insulation or diluted, as soil conditioner



Efficient thermal insulation

Termex cellulose insulation is an efficient high-quality thermal insulation. Its excellence is due to the seamlessness of thermal insulation and the breathability of porous wood fiber (= its ability to stabilize humidity) as well as its small air permeability. Cellulose insulation is a carefully studied, safe product with a long tradition. Cellulose insulation is the oldest industrially produced thermal insulation material

Live comfortably

A well-insulated home is comfortable to live in. Draught-free, even room temperature and excellent indoor air improve living comfort. A well-insulated house is warm in the winter and cool in the summer. Live comfortably and save valuable energy.

Economical in use

Termex cellulose insulation is economical from the life cycle perspective. Insulation will pay itself back many times over in reduced energy consumption during the life cycle of the building. Energy efficiency is true everyday economy.

U-value table (flat ceiling)

Insulation thickness (mm)	U _c , W/(m ² K)
350	0,11
400	0,10
450	0,09
500	0,08
550	0,07
600	0,07

Did you know that housing consumes 40% of energy?





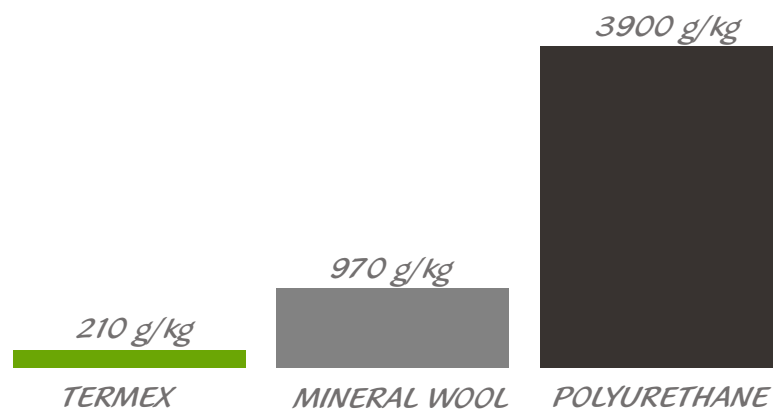
Green wool

The use of recycled paper as thermal insulation multiplies the eco-efficiency of recycling. The use of renewable resources in the manufacture of insulation materials is increasingly important in our environmentally aware world. In addition to good insulation properties, we should demand eco-efficiency from insulation materials.

The production process is environmentally friendly

Termex cellulose insulation is produced mechanically; the insulation is made from newsprint by fiberization. The fiberization process requires very little energy. Due to its low energy intensity, Termex cellulose insulation is produced with as little environmental impact as possible. The amount of energy bound to the insulation is significantly smaller compared to many other industrial thermal insulation materials.

Atmospheric emissions of CO₂ -ekv/kg during production of cellulose insulation



Source: Valid RT environmental specifications and the manufacturers' websites

Our planet is a loan from our children!





No mold or rot fungi

Agents inhibiting the growth of mold and rot fungi in the insulation or wood that is in contact with it have been added to Termex cellulose insulation. The secret of the longevity of solid wood structures is their ability to breathe, i.e. convey and bind moisture - even evaporate small drops of water. In normal conditions moisture does not condense into liquid in wooden structures.

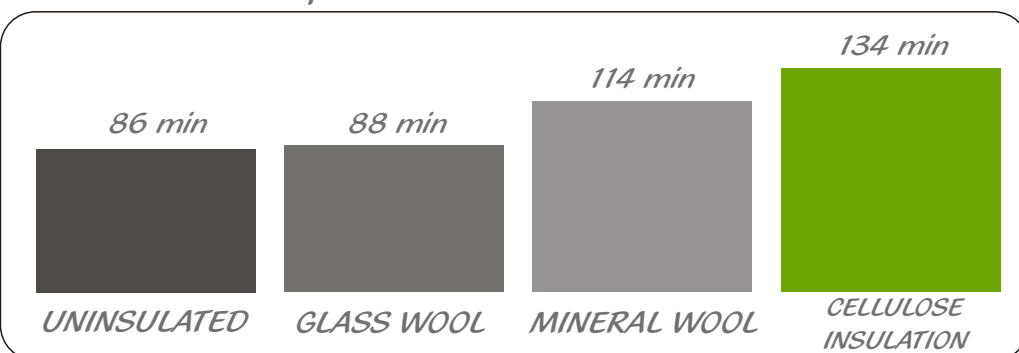
A breathable structure ensures better indoor air quality

In addition to water vapor, a breathable structure lets through other gases, such as carbon dioxide. Gaseous impurities in indoor air are removed by ventilation as well as through humidity-stabilizing structures. The breathability of insulation material can also be used for controlling indoor air humidity. In summer, humid room air can feel unpleasant. Breathable material can bind excess humidity from indoor air and improve living comfort.

Fireproof

Fire retardants are added to Termex at the fiberization stage. These together with the small air permeability efficiently slow down the progress of fire in the insulation and framework. In case of a fire, Termex cellulose wool retains its volume and the fire proceeds slowly by smoldering. The smoldering speed is the same as with massive wood constructions, i.e. 1-2 mm/min.

Fire-resistance period of structures



Source: National Research Canada Report A-4057.2

A home insulated with Termex is breathable, natural and cozy





Easy

Termex cellulose insulation is the hassle free solution for your home.

We study first, then give an estimate

According to the Termex service concept our Termex experts first study the insulation needs of your home and then give you an overall estimate.

We do the insulation work for you

Termex insulation service is a national, professional installation network that will install the insulation for you.

COMPLETE THE FORM ONLINE!



Good insulation saves energy and money and helps protect the environment.



Cellulose insulation

Termex has its roots in Finnish forests

Termex-Eriste Oy is a Finnish manufacturer of cellulose insulation established in 1988.

*The company has its registered office in Saarijärvi.
The insulation production plants are located in
Saarijärvi and Tuusula. Termex-Eriste Oy also produces
thermal insulation for export.*

*Authorized retailers are in charge of selling and installing
Termex cellulose insulation throughout Finland.*

Manufacturer:

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Authorized retailer:

