

10 Good Reasons

The most important advantages of
STEICO wood fibre insulation



For
retrofit and
new build



The most important advantages of STEICO wood fibre insulation

Bio-based wood fibre insulation

Wood
fibre
insulation
made from
fresh
softwood



STEICO insulation materials, suitable for roofs, walls, ceilings, and floors, strive to create a comfortable living environment for both new build and renovation projects.



1. Made from wood

Untreated softwood is used in the manufacture of STEICO wood fibre insulation materials. This wood comes from sustainably managed, PEFC-certified forests in the regions surrounding STEICO's production plants.



2. Cold protection

STEICO insulation materials can help reduce heat loss. For example, the flexible STEICO*flex 036* wood fibre insulation batts have a λ_D value of 0.036.



3. Heat protection

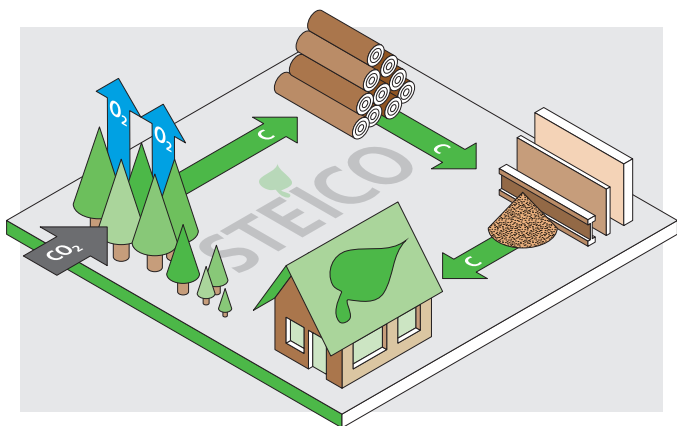
STEICO wood fibre insulation materials have low thermal conductivity and high density. This particular combination helps to slow down and buffer heat transfer – an important factor in protecting indoor spaces from summer heat.



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**Saves CO₂,
Stores CO₂***



Trees absorb CO₂ and release oxygen. Carbon is stored in wood and remains long-term in STEICO products.



4. Active climate protection

STEICO insulation materials help reduce CO₂ emissions by lowering the energy required for heating and cooling, and thus the associated CO₂ emissions. The wood content of STEICO insulation materials stores CO₂ on the long term, thereby removing it from the atmosphere.



5. Certified as suitable for healthy living

The independent Institute for Building Biology Rosenheim GmbH (IBR), Germany has set itself the aim of identifying healthy and environmentally friendly building products for consumers through its seal of approval. Certified STEICO products bear this recognised quality mark for a healthy living environment.



6. Noise protection

Whether it's the roof, walls, or ceiling, the sound insulation properties of STEICO insulation materials help to create a peaceful and quiet home environment.



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7. Weather protection

STEICO underlay boards are water-repellent and rainproof, providing a temporary protection for the structure against the elements during the construction phase.



8. Diffusion open

STEICO insulations are permeable to water vapour. This helps prevent moisture build-up and helps to protect and preserve the building fabric.



9. Fire protection

STEICO insulation materials can be used to create a wide range of fire-resistant structures. Among other things, timber-frame wall constructions have been tested up to REI 90.

This means that a structure using STEICO insulation materials can withstand fire for up to 90 minutes.





10. STEICO in action

STEICO products have demonstrated their effectiveness in hundreds of thousands of homes across Europe for decades.



Find out more at www.steico.com for all the facts about our wood fibre insulation materials. Our material suppliers are also ready to offer guidance and assistance.



steico.com

Responsible for content

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