STEICO*floc*

Air-injected cellulose insulation



Long-standing, proven cellulose air-injected insulation for new builds and renovations

- Insulates cavities of all shapes and sizes - free of joints and waste
- Particularly cost-effective due to fast processing thanks to high material flow rate during the injection process
- Optimised for use with the most common air-injection machines
- High level of safety – cellulose has been used successfully as an insulating material for decades.
- Exclusive use of specially defined types of recycled paper according to the FSC® Recycled standard (FSC® C126750)

Application area



- Air injected insulation material for closed and open cavities of roofs, walls, and ceilings. Made from recycled newspaper

Technical data

European technical approval (ETA)	16/0141
Fire class (RTF) according to EN 13501-1	E
Declared thermal conductivity	0.038 W/(m*K)
Density	~ Open blown: attic floor: approx. 30-34 /Closed cavities: roof, ceiling, wall: approx. 38 - 57 kg/m³
Water vapour diffusion resistance factor μ	1/2
Specific heat capacity	2,100 J/(kg*K)
Ingredients	cellulose, Fire retardants
Declared level of airflow resistance	≥5 (30 kg/m³) (kPa*s)/m²

Bonded carbon

CO_2-storage

During growth, trees absorb carbon dioxide (CO_2) and split the molecule into carbon (C) and oxygen (O_2). The carbon is bound in the wood. The amount of bound carbon (C) is therefore also referred to as CO_2 equivalent (CO_2eq). As long as the wood is used in the form of wood products, the carbon remains bound and is removed from the atmosphere.

Biogenic carbon content in the product according to EN 15804+A2	approx. 64 kg CO_2eq/m³

Forms of delivery

Delivery in handy bags

Number/pal. [pcs.]	Weight/pcs. [kg]	Weight./pal. (approx.) [kg]
21	15.0	340

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Weight and packing

Delivery in handy bags

Number/pal. [pcs.]	Weight/pcs. [kg]	Weight./pal. (approx.) [kg]	pac./pal. wood (approx) [kg]	pac./pal. plastic (approx) [kg]	pac./pal. paper/cardboard (approx) [kg]
21	15.0	340	16.5	3.9	0.01

Notes

Storage

- Store in a dry and UV-protected place
- Do not remove the transport packaging until the pallet is on a firm, level surface.
- Store pallets without additional load

Disposal

- AVV 17 06 04 (unmixed insulation material) / 17 09 04 (mixed construction and demolition waste)

Installation

- The air injected isolation is for Installation exclusively by trained partners and licensed companies (in accordance with European Technical Approval).
- The insulation material is applied using specialised air-injection blowing machines

Occupational health and safety

- Dust may be generated during the installation of the insulation material therefore wearing a dust mask is recommended.

Building moisture

- Excess moisture caused by e.g. fresh screed, plaster, or paint must be removed by ventilation.
- Dry air must be provided inside the building during the construction phase.

Installation

- Please observe the processing instructions under the following link: https://www.steico.com/eur/downloads/documents/technical-/-installation

Certificates and quality management

FSC www.fsc.org FSC® C126750 The mark of responsible forestry

PEFC PEFC/04-31-2550 Promoting Sustainable Forest Management www.pefc.org

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Caption

other abbreviations

pal. Pallet
T&G Tongue and Groove
pac. Packaging
approx. Approximately
SE square edge
Pcs. Pieces
EUR Europe

Compliance

Responsible for content
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Liability disclaimer

The contents of this document have been compiled with the utmost care. However, applicable standards and regulations can change. STEICO accepts no liability for the accuracy, completeness and current applicability of the standards and regulations presented. Always check compliance with standards and regulations and the suitability of our products for the specific intended use, and make any necessary adjustments during installation.

STEICO accepts no responsibility for the completeness, accuracy or quality of information provided by third parties.

Regional document validity: EU*

***Additional Validity Information**

The contents of this document have been prepared in consideration of European product standards and provide a general overview of component structures, construction methods, and installation. Local applicable regulations have not been considered.

The most recent version of this document applies. This version can be found at:
www.steico.com/tds_steicofloc_eur_en