

STEICO *canaflex*

flexible thermal insulation from hemp

Environmentally-friendly
insulation system made from hemp



HEMP – NATURE'S ETERNAL GIFT

As a sustainable insulation material, hemp is known for its excellent qualities, both thermally and ecologically.

Hemp as a perennial plant uses solar energy in an ideal way and makes an immediate contribution to the reduction of CO₂ emissions.

STEICO – Living Naturally!

STEICO insulation materials are innovative products which protect against heat, cold and sound and help to save energy and heating costs. They are especially economic as they are produced by an environmentally sensitive process.

- Flexible thermal insulation
- Good compression resistance
- Expands to fit adjoining components
- Prevention of thermal bridges
- Excellent insulation properties in winter and summer
- Non-irritant to skin, easy handling
- Water vapour open for a healthy room environment
- Ecological and environmentally friendly



For more information please visit our website at www.steico.com

STEICO *canaflex*

PACKAGING

Thickness [mm]	Dimensions [mm]	Weight/m ² [kg]	Pieces/Pallet	Surface/Pallet [m ²]	Weight/Pallet [kg]
40	1200 x 575	1,6	8 packs à 15 pieces	82,80	ca. 150
50	1200 x 575	2,0	8 packs à 12 pieces	66,24	ca. 150
60	1200 x 575	2,4	8 packs à 10 pieces	55,20	ca. 150
80	1200 x 575	3,2	8 packs à 7 pieces	38,64	ca. 150
100	1200 x 575	4,0	8 packs à 6 pieces	33,12	ca. 150
120	1200 x 575	4,8	8 packs à 5 pieces	27,60	ca. 150
140	1200 x 575	5,6	8 packs à 4 pieces	22,08	ca. 150
160	1200 x 575	6,4	12 packs à 3 pieces	24,84	ca. 150
180	1200 x 575	7,2	8 packs à 3 pieces	16,56	ca. 150
200	1200 x 575	8,0	8 packs à 3 pieces	16,56	ca. 150
220	1200 x 575	8,8	12 packs à 2 pieces	16,56	ca. 150
240	1200 x 575	9,6	12 packs à 2 pieces	16,56	ca. 150

CHARACTERISTIC VALUES STEICO *canaflex*



HANDLING – EASY AND NON-IRRITANT TO SKIN

STEICO *canaflex* is lightweight, easy to handle and non-irritant to skin. Combined with its excellent insulation properties STEICO *canaflex* is first choice for ecologically thinking professionals and private home builders.

STEICO *canaflex* shall be cut with over-measure. This ensures that it can be clamped easily into the cavity area.

The fastest and most efficient method for cutting all STEICO *canaflex* thicknesses is to use an electric saw. For volume insulation projects as well as increasing cutting precision, the electric saw can be mounted onto a specific vertical table.

Produced and supervised according to ETA-06/0040 Z-23.16-1598	
Fire class according to EN 13501-1	D-s3,d0
Building materials class acc. DIN 4102	B2
Declared thermal conductivity λ_D [W/(m*K)]	0,040
Declared thermal resistance R_D [(m ² *K)/W]	1,00 / 1,25 / 1,50 / 2,00 / 2,50 / 3,00 / 3,50 / 4,00 / 5,50 / 5,00 / 5,50 / 6,00
Thickness [mm]	40 / 50 / 60 / 80 / 100 / 120 / 140 / 160 / 180 / 200 / 220 / 240
Density ρ [kg/m ³]	approx. 40
Water vapour diffusion resistance value μ	1/2
Specific heat capacity c [J/(kg*K)]	1700
Declared level of airflow resistance [(kPa*s)/m ²]	2
Raw material	hemp fibres, ammonium phophate, polyolefin fibres



Production certified accord.
ISO 9001:2000

STEICO
building system products

Your STEICO Agent

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