

INSULATING MATERIAL

NEW

CANAFIBER CAPPOTTO



DESCRIPTION

CANAFIBER CAPPOTTO is a solid, environmentally friendly insulation panel made from industrial hemp fibres. It has a high density and the ability to adapt to different structural shapes. It is mainly used as a thermal and acoustic insulation system for external walls. Its advantages include high breathability and excellent thermal and acoustic insulation properties. Thanks to these characteristics, it can completely replace polystyrene, glass wool or rock wool insulation systems. **CANAFIBER CAPPOTTO** is the ideal choice for green building solutions.

ADVANTAGES

- Natural, ecological insulation for green building solutions
- Excellent thermal insulation properties
- High breathability
- Safety and healthiness
- Ease of processing and quick installation
- Maximum adaptability to the shape of buildings

APPLICATIONS

- Thermal and acoustic insulation of external walls
- Thermal and acoustic insulation of flat and sloping roofs
- Ceiling insulation

PROPERTIES

Thickness - mm	40	60	80	100	120	140	160
Density - kg/m ³	100	100	100	100	100	100	100
Thermal Conductivity - W/mk LAMBDA λ	0,039	0,039	0,039	0,039	0,039	0,039	0,039
Thermal Transmittance - W/m ² K U	0,836	0,585	0,45	0,368	0,308	0,266	0,234
Specific heat - J/KgK	1700	1700	1700	1700	1700	1700	1700
Sound absorption (aw)	aw 1 - Class A	aw 1 - Classe A	aw 1 - Class A	aw 1 - Class A	aw 1 - Class A	aw 1 - Class A	aw 1 - Class A
Vapour permeability - μ	$\leq 2,0$	$\leq 2,0$	$\leq 2,0$	$\leq 2,0$	$\leq 2,0$	$\leq 2,0$	$\leq 2,0$
Reaction to fire - Euroclasse	C-s2,d0	C-s2,d0	C-s2,d0	C-s2,d0	C-s2,d0	C-s2,d0	C-s2,d0

PACKAGING, STORAGE AND TRANSPORT

- Panels are packed on pallets measuring 1.100 x 1.200 mm with a height of 2.200 mm
- Pallets and panels must be stored under cover in a dry place.
- Transport must be carried out in closed vehicles to prevent the panels from getting wet.

DIMENSIONS AND PACKAGING

thickness (mm)	length (mm)	width (mm)	panels / pallet	m ² / pallet	m ³ / pallet
40	1100	600	106	69,96	2,798
60	1100	600	72	47,52	2,851
80	1100	600	52	34,32	2,746
100	1100	600	42	27,72	2,772
120	1100	600	36	23,76	2,851
140	1100	600	30	19,80	2,770
160	1100	600	26	17,16	2,740