

# 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.

## APPLICATIONS

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

## 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

## PROPERTIES

European Certification	ETA 16/0947	
Composition	85% industrial hemp fibre ≤ 15% bicomponent fibre	
Density	100 kg/m <sup>3</sup>	EN 1602
Thermal conductivity	0,039 W/m <sup>2</sup> K	EN ISO 10456
Reaction to fire	C-s2,d0	EN 13501-1 + A1
Water vapour diffusion resistance	μ ≤ 2	EAD 040005-00-1201 EN 12086
Sound absorption	aw 1 - CLASS A	EN ISO 354; EN ISO 11654
Dimensional tolerance	length ±1.5%	EN 822
	width ±2.0%	EN 822
	thickness (tolerance class) T3	EN 823; EN 13171+A1
	perpendicularity ≤ 5 mm/m	EN 824
	flatness ≤ 6 mm	EN 825
Mechanical properties	compressive strength (deformation 10%) ≥ 25 kPa	EN 826
	tensile strength parallel to faces (longitudinally) ≥ 100 kPa	EN 1608
	tensile strength parallel to faces (transversely) ≥ 15 kPa	EN 1608

## 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

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