



## Agglomerated Cork Panel | ICB

EcoCork Board Insulation - It is a thermoacoustic insulation for facades, from the ETICS System insulation range.

### Availability

Pallet:	-
Dimensions:	1000 x 500 (length x breadth)
Thickness:	10mm / 20mm / 30mm / 40mm / 50mm / 60mm / 70mm / 80mm 90mm / 100mm

### Application

- Insulating panels in external thermal insulating system VIPEQ THERM SATE.
- Internal insulating systems
- Insulating systems on floors
- Insulation in internal partitions
- Insulation on flat or sloping roofs
- It reduces transmission of vibration from light and heavy machinery

### Description

Agglomerated cork panels are a natural product, made of expanded granulated cork by injection of water steam at 360°C without any other synthetic additives. During cooking, the cell expands improving the insulating performance of the cork due to this increase in volume. ICB panels constitute an excellent protection against cold and humidity, contributing to energy saving on façades systems. ICB panels also contribute as an acoustic insulator, due to its density, allowing a substantial reduction of noise from the outside.

### Main characteristics

- Density: from 105 to 130 kg/m<sup>3</sup>
- Thermal Conductivity Coefficient: from 0.036 to 0.040 W/mk
- Sound Absorption Coefficient (500 Hz): 0.33
- Strength: from 1.4 to 2 kg/m<sup>2</sup>
- Service temperatures: from -180°C to +140°C
- Dimensional stability. Good compressive strength and flexible
- Unlimited durability. No water absorption by capillarity
- Fire reaction (UNE-EN 13501-2): E
- Dimensions: 1000 x 500 mm
- Thicknesses available from 10mm to 300 mm.

# Technical Data Sheet

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## Thermal Insulation Values

Thickness (mm)	R m <sup>2</sup> K/W	K W/m <sup>2</sup> K	Panels in package	m <sup>2</sup>	m <sup>3</sup>
10	0.25	4.00	30	15	0.150
20	0.50	2.00	15	7.5	0.150
30	0.75	1.33	10	5	0.150
40	1.00	1.00	8	4	0.160
50	1.25	0.80	6	3	0.150
60	1.50	0.667	5	2.5	0.150
70	1.75	0.571	4	2	0.140
80	2.00	0.500	4	2	0.160
90	2.25	0.444	3	1.5	0.135
100	2.50	0.400	3	1.5	0.150

*The information and recommendations given in this technical data sheet reflect our current knowledge, laboratory tests and experience. For this reason, our guarantee is limited to the quality of the product supplied. This company shall not assume any liability arising from misuse of our products.*

## Contact

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