

#### Thermal and sound insulation of facades, walls, roof and floor



Batiliège develops and proposes healthy, performant and sustainable products. Batiliège is part of a virtuous approach: the raw material is collected by hand allowing maintaining a sustainable forestry, moreover, the exploited cork oak forests are carbon sinks much more efficient.

#### Advantages: Cork have characteristics which make it best possible thermal insulation

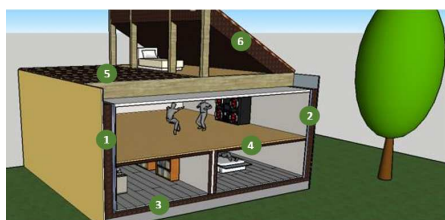
Healthy	Powerful	Sustainable
100 % Natural	Thermal shift (summer comfort)	Low flammability
0 % Formaldehyde	Thermal / phonic insulation	Rot proof
Pests repellent	Low density	Mechanical resistance
Antistatic	Dimensional Stability	Water repellent

#### Implementation: From cellar to attic, pure expanded cork is an ideal ecological insulation

① : Interior walls

② : Facades

③ : Floors



④ : Phonic insulation

⑤ : Roof terrace

⑥ : Pitched roof

#### Technical characteristics:

Characteristics	Performances	Test method
Thermal resistance	$\lambda = 0.04 \text{ W/m.k}$	EN 12667 - EN 12939
Water absorption	$W_p = 0.1 \text{ kg/m}^2$	EN 1609
Water vapour transmission	$5 < \mu < 10$	EN ISO 10456
Compressive resistance	CS (10/135)	EN 826
Thickness	T1	EN 823
Reaction to fire	Euroclasse : E	EN 13501-1
Density	$120 \text{ kg/m}^3$	

#### Packaging:

Line	BLT 20	BLT 40	BLT 50	BLT 80	BLT 100	BLT 120	Other
Thickness	20 mm	40 mm	50 mm	80 mm	100 mm	120 mm	Contact us
R (m <sup>2</sup> .K/W)	0.5	1	1.25	2	2.5	3	
Package	7.5 m <sup>2</sup>	4 m <sup>2</sup>	3 m <sup>2</sup>	2 m <sup>2</sup>	1.5 m <sup>2</sup>	1.5 m <sup>2</sup>	
Pallet	105 m <sup>2</sup>	48 m <sup>2</sup>	36 m <sup>2</sup>	24 m <sup>2</sup>	18 m <sup>2</sup>	15 m <sup>2</sup>	

**Quality:** The panels we provide consist exclusively of cork. Our products do not release or contain toxic products and therefore are environmentally friendly.



For more information contact us

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