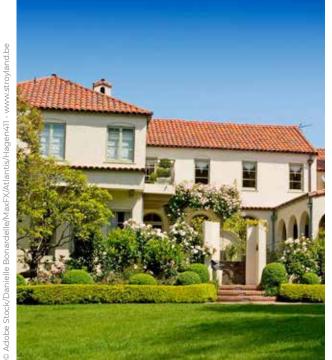
Multipurpose.

Hemp blocks can be adapted to suit all your projects











And practically speaking?

To bring your project to life...

Join us at a building site, experience hemp for yourself and get a hands-on feel for the product.

And discover the solutions put in place by people just like you.

Contact us.



info@isohemp.com +32 (0)81 39 00 13

IsoHemp S.A. Rue Georges Cosse, 1

Z.I. Noville-les-Bois





A successful interior renovation

should not be taken lightly.

It respects:



The health of the building



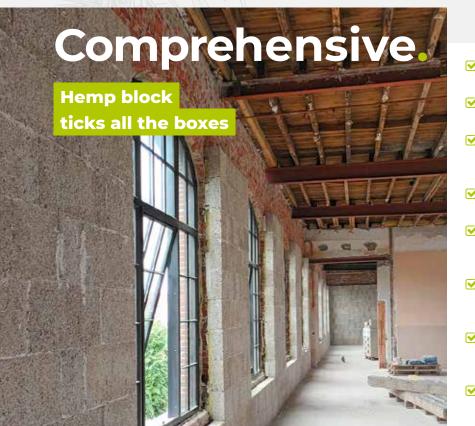
The health and comfort of its inhabitants



Nature and the environment

The last thing we wanted was a thermos house!
We were immediately seduced by this material.
It tells a different story than conventional insulation."

Pascal, architect, owner of an 18th-century barn



✓ Winter comfort

minimise your consumption

Summer comfort natural freshness

Self-regulating humidity

no mould, air neither too dry nor too humid

✓ Healthy interior

no harmful components (VOC)

✓ Acoustic comfort

muffled atmosphere (reduced noise pollution)

Absolute safety highly fire-resistant

highly fire-resistant, no toxic smoke emission

⊻ 100% natural

biobased, part of the journey to Net Zero

✓ Durable

150 years, 6x longer than conventional insulation



Take an energy leap

THERMAL RESISTANCE R (M ² K/W)*			2,03	2,30	2,72	3,43	4,13
RENOVATION SOLUTION – HEMP BLOCK + HL Mix FILLER							
		Block thickness + HL Mix (cm)	9+4	12+3	15+3	20+3	25+3
Î ÎÎ	THERMAL COMFORT	Phase shift (h)	8	9,8	12,8	15,8	18,8
		Damping**	72	86	>100	>100	>100
		Specific heat c (J/KgK)	1 600				
		Heat capacity (J/m²K)	70 720	81 600	97 920	125 120	152 320
101	HUMIDITY REGULATION	Permeability µ	2,8				
		Sd (m)	0,36	0,42	0,50	0,64	0,78
		Sorption-desorption W23/50 (m³/m³)	0,012				
		Water capacity (gr/m²)	1560	1800	2 160	2 760	3 360
(((C) (((C) (((C) ((((C) ((((((((((ACOUSTIC COMFORT	Rw (dB)	37(-1;-3)	38(-1;-3)	38(0;-3)	40(-1;-5)	41(-1;-5)
		Sound absorption coefficient α	0,85				
	FIRE RESISTANCE	Fire behaviour	B,s1,d0				
		El resistance (min) with 12 mm PCS	-	- 60		120	
	100%						

HEMP - LIME - WATER

* Includes Re+Ri = 0.17m²K/W

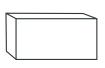
NATURAL

A complete solution

easy to install



Choose from a wide range of thicknesses from 7 to 36 cm





Simplify openings and passageways





Fill in the gaps in your old walls with our plant-based insulating aggregate





Choose the finish that's right for you



High performance.

Comfort, breathability and performance: hemp blocks adapt to your needs for any renovation project. From historic buildings to houses built in the 60s, from brick houses to stone dwellings,... they guarantee optimum interior insulation for future generations.

Their versatility meets today's challenges: protection against the cold and the heat, reduced energy consumption, exceptional lifespan and zero-carbon emissions.

Choosing hemp blocks means opting for healthy insulation. Unlike synthetic products, which carry health risks, hemp is free from harmful emissions. The use of hemp respects the inhabitants, the habitat and the environment.

With IsoHemp, modernise your space while preserving its character.

^{**} Damping describes the extent to which the temperature wave is attenuated by the wall.