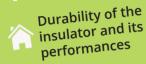
# **HEMP BLOCK**

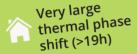
### **30 CM THICKNESS**

The 30cm hemp block is the ideal product for new builds and extensions. This self-supporting insulating block can be used in association with multiple bearing solutions. It creates building envelopes and Monomur brick walls in record time. The quick and easy installation allows you to quickly close the building.

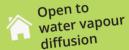


## Advantages









Technical characteristics		Value	Unit	Standard	
Modular dimensions		60 x 30	cm		
Thickness		30	cm		
Number of blocks per m <sup>2</sup>		5.5	blocks		
Maximum block weight		23	kg		
Dry apparent bulk density		340	kg/m³	EN 772-13	extrapolated value
Mortar adhesive consumption		11.6	kg/m²		ted
Dry thermal resistance		4.5	m²K/W	EN 12667	pola
Heat resistance at 50% HR		4.23	m²K/W	EN 12667	xtra
Thermal conductivity λ		0,071	W/mK	EN 12667	١.
Thermal phase shift		19.7	h	ISO 13786	o side
Sound resistance index * Rw		44	dB	ISO 10140-2	coated on one
Sound absorption coefficient α		0.85		EN ISO 354: 2003	ed o
Sd diffusion equivalent thickness		0.84	m	EN ISO 12572	coat
Water vapour diffusion resistance factor $\mu$		2.8		EN ISO 12572	loc X
Resistance to compression		300	kPa	EN 772-1	L V
Dimensional tolerance		+4;-2	mm	EN 772-16	ason
Reaction to fire	Without plaster	B, S1, d0		NF EN 13501-1	Hemp masonry block
	With plaster non-flammable	A1		NF EN 13501-1	* Her

### Field of application



#### **NEW BUILD**

Various construction systems can be considered:

- In wood frame houses, it constitutes the building's envelope and provides the necessary thermal inertia.
- In a wood, concrete or steel column and beam system, it enables the creation of insulated and breathable Monomur brick walls.
- In a construction with load bearing masonry, it guarantees perfectly stable insulation performance over time.

Packaging	Value	Unit
Dimensions of a pallet	120 x 100 x 145	cm
Maximum weight of a pallet	600	kg
Number of blocks per pallet	24	blocks/pallet
Number of m <sup>2</sup> per pallet	4.32	m²/pallet
Number of blocks per m <sup>2</sup>	5.5	blocks/m²
Storage	3	months/exterior
Storage life	2	years if covered