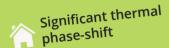
20 CM THICKNESS

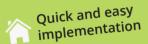
Particularly suitable for new buildings and extensions, the 20cm block is used in various building systems such as timber frame or masonry block houses. It creates warm, breathable and resistant walls by providing excellent thermal phase shift during all seasons.

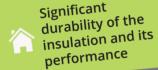


Advantages









Technical characteristics		Value	Unit	Standard	
Modular dimensions		60 x 30	cm		
Thickness		20	cm		
Number of blocks per m ²		5.5	blocks		
Dry apparent bulk density		340	kg/m³	EN 772-13	41
Maximum block weight		15,3	kg		alue
Mortar adhesive consumption		7.8	kg/m²		ted
Dry thermal resistance		3	m²K/W	EN 12667	pola
Heat resistance at 50% HR		2.82	m²K/W	EN 12667	extrapolated value
Thermal conductivity λ		0,071	W/mK	EN 12667	side - e
Thermal phase shift		13.1	h	ISO 13786	e Sic
Sound resistance index * Rw		42	dB	ISO 10140-2	n on
Sound absorption coefficient α		0.85		EN ISO 354: 2003	led o
Sd diffusion equivalent thickness		0.56	m	EN ISO 12572	coat
Water vapour diffusion resistance factor μ		2.8		EN ISO 12572	양
Resistance to compression		300	kPa	EN 772-1	d Vi
Dimensional tolerance		+4;-2	mm	EN 772-16	asor
Reaction to fire	Without plaster	B, S1, d0		NF EN 13501-1	Hemp masonry block coated on one
	With plaster non-flammable	A1		NF EN 13501-1	* Her

Fields of application



EXTERIOR INSULATION

Use the 20cm block as exterior insulation to create a fantastic insulating cocoon around the building. It is also very durable and ensures excellent support for final renders and attachment of cladding.



NEW BUILD

The 20cm block makes it possible to create insulating envelopes in timber frame buildings, to fill wooden, concrete or steel column and beam systems, or to insulate masonry bearing walls.

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	36	blocks/pallet
Number of m ² per pallet	6.48	m²/pallet
Number of blocks per m ²	5.5	blocks/m ²
Storage	3	months/exterior
Storage life	2	years if covered