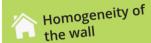
30 CM VERTICAL QUOIN BLOCK

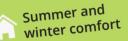
The pre-drilled block is a 30cm hempcrete block with a vertical, cylindrical hole for use in reinforced, loadbearing concrete pillars, which can be the loadbearing structure for the building. It is used in the IsoHemp Hempro construction system to achieve an all-round wall insulation using only hempcrete blocks. It is used in conjunction with U blocks to create a consistent construction look.

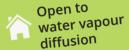


Advantages









Technical characteristics		Value	Unit	Standard	
Modular dimensions		60 x 30	cm		
Thickness		30	cm		
Number of blocks per m ²		5,5	blocs/m ²		
Maximum block weight		20,7	kg		
Drilling diameter		15	cm		
Drilling section		177	cm ²		0.
Dry apparent bulk density		340	kg/m³	EN 772-13	value
Mortar adhesive consumption		11	kg/m²		ted
Dry thermal resistance					pole
Heat resistance at 50% HR					extrapolated value
Thermal conductivity λ					side -
Thermal phase shift					Je si
Sound resistance index * Rw					D 00
Sound absorption coefficient α					ted (
Sd diffusion equivalent thickness					coa
Water vapour diffusion resistance factor $\boldsymbol{\mu}$					Soc
Resistance to compression					hy k
Dimensional tolerance		+4;-2	mm	EN 772-16	lasol
Reaction to fire	Without plaster	B, S1, d0		NF EN 13501-1	np rr
	With plaster non-flammable	A1		NF EN 13501-1	* Hemp masonry block coated on one

Fields of application



It is ideal for new builds with the IsoHemp Hempro system. It is used alongside the U block and the 30cm block to create a consistent new build look using only IsoHemp hempcrete blocks. The Hempro system provides the isolation needed to achieve low energy, very low energy and passive house standards.

Packaging	Value	Unit
Dimensions of a pallet	120 x 100 x 145	cm
Maximum weight of a pallet	525	kg
Number of blocks per pallet	24	blocks/pallet
Number of m ² per pallet	4.32	m²/pallet
Number of blocks per m ²	5.5	blocks/m²
Storage	3	months/exterior
Storage life	2	years if covered

