



Hempcrete Blocks

Technical Data Sheet

Hempcrete blocks are primarily a walling solution and can also be used in solid floors, intermediate floors and roof spaces.

Hempcrete blocks are vapour permeable, insulating and provide the backing for plasters and renders. The blocks are usually tied back to a structural timber frame or an existing masonry wall.

(height +/- 1cm)		
Dimensions mm	500x300x200	
Dry Density kg/m ³	330	UNI EN 1602
Thermal Conductivity W/mk (LAMBDA)	0.07	UNI EN 12667: 2002
Thermal transmittance W/m ² K (U-value)	0.22	UNI EN ISO 1378
Phase shift	18h 13'	UNI EN ISO 1378
Specific heat J/KgK	1280	UNI EN ISO 10456
Vapour resistance μ	$2.8 \leq \mu \leq 3.5$	UNI EN ISO 12572
Sound Absorption	1 – Class A	UNI EN ISO 354
Sound Reduction		UNI EN ISO 10140
Compressive Strength N/mm ²	0.9	UNI EN 772-1
Fire resistance	B – s1, d0	UNI EN 13501-1