

Hiberna Modular

High Performance Panels



The team at Hiberna have devoted almost two decades to understanding, modelling, designing and building strawbale houses and passive homes.

Hiberna Modular is the latest product to come from this talented team.

Bringing together a passion for efficiency, sustainability and structural soundness, Hiberna Modular panels are pre-fabricated to deliver world-leading performance.

Developed in Wanaka, shipped nationwide, Hiberna Modular Panels manufacturer products to suit your project and climate.



Key benefits

High thermal rating: From R3.2 for a 200mm panel to R6.8 for premium products.

Carbon neutral: Hiberna Modular Panels store carbon, for life.

Moisture protection: Off site construction in a controlled environment, featuring clay protective plasters that are hydrosopic. Panels start dry and stay dry.

Acoustics: Similar strawbale walls demonstrate 10% better sound reduction than plastered 150mm solid concrete walls.

Airtightness: Due to the construction methodology used, and where a wet plaster is applied, our panels can achieve Passive House levels of airtightness.

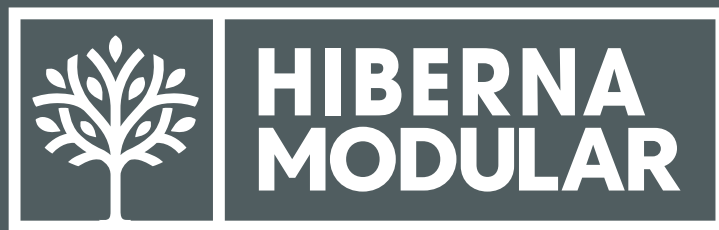
Fire wall possibilities: Compressed straw is dense – 100kg/m² (+/- 5%). Similar straw panels have achieved fire ratings of between an hour and 2.25 hours.



Prefabricated straw panels offer the same benefits of standard SIPs panels, while also covering all aspects of sustainability.

Better for today. Better for tomorrow

Product	Panel Thickness	Length	Available Widths	U-value	R-value	Suggested Climate zones
Metric	[mm]	[mm]	[mm]	W/m2.K	m2.K/W	
150 framing (internal walls only)	150	0.3-6.0	300-600	-	-	-
250 framing	250	0.3-6.0	300-900	0.22	4.55	1,2,3
300 framing	300	0.3-6.0	300-900	0.183	5.46	1,2,3,4,5
300 +24 steico	324	0.3-6.0	300-900	0.167	5.99	1,2,3,4,5
300 +60 steico	360	0.3-6.0	300-900	0.147	6.80	1,2,3,4,5,6



Talk to us to find out more.

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