

Hemp Block Residential Construction in Australia

14 August 2025

Dear Rural and Regional Affairs and Transport References Committee

I want to build my house using hemp blocks.
In the next few months.

Why?

Hemp-lime blocks have all the same advantages as cast hempcrete walls:

- excellent insulation;
- humidity control and mould-resistant;
- termite-proof;
- fire-proof;
- sound-absorbing;
- and most amazingly: hemp absorbs CO₂ during its lifetime: carbon-negative!

But unlike cast hempcrete, the hemp blocks are prefabricated, so are much quicker and cheaper to build with than the labour-intensive cast hempcrete walls. The blocks are large (600x300x300mm) and fit together without mortar, so construction is quick and relatively easy. And they are fun to cut with an (electric) chainsaw.

But!

However, I am having to IMPORT hemp blocks (via <https://hempblockaustralia.com>). There is not yet an Australian manufacturer of such blocks, because the hemp industry is too small in Australia. Unfortunately, this makes the blocks more expensive and adds significant CO₂ emissions due to the shipping.

The Way Forward:

We need to be encouraging the hemp industry in Australia in every way possible, particularly for the construction of homes, furniture, insulation, clothing etc. So that these natural hemp construction products become widely available, cheaper, more well-known and accepted, and widely used in construction. They improve people's lives by enabling more liveable homes, while at the same time reducing CO₂ emissions, which is important for Australia's future and our children's future. We need to address climate change. Building our homes with carbon-negative hemp is one good step towards this.

I would like to encourage you to please set up promotions, subsidies, quotas, education programmes, etc to encourage our fledgling hemp industry. The opportunities are huge and the benefits even greater.

Thank you!

Home Builder and NatHERS user