



Certificate of Conformity

This is to certify compliance of OzHemp Tradical Hempcrete



Conditions and Limitations

- This certificate is limited to the details within this certificate, including the compliance elements, product description and purpose or use. This certification is to be read, considered used as a whole document and reproduced in its entirety.
- This certificate only applies to the OzHemp Tradical Hempcrete. All other components and materials used to create the wall system are outside of the scope of this certification.
- Only to be installed in accordance with OzHemp Tradical® Hempcrete Installation Manual Version 01 2016 and the Hempcrete - Design and Installation Guide (Version 1/2012).
- Only to be installed by a suitably qualified tradesperson. Refer to OzHemp Tradical® Hempcrete Installation Manual Version 01 2016 and the Hempcrete - Design and Installation Guide (Version 1/2012) for guidance.
- If OzHemp is used in conjunction with a steel frame, it must be treated against corrosion in accordance with The OzHemp Design and Installation Guide (Version 1/2012).
- All structural design and detailing for the load bearing timber frame, including the possibility of disproportionate collapse, must be carried out by, or under the direct supervision of, a suitably qualified structural engineer, in accordance with the requirements of the Building Code of Australia (BCA)
- This Certificate of Conformity is issued by an accredited certification body under arrangement with JAS-ANZ. The ABCB does not in any way warrant, guarantee or represent that the Product the subject of this Certificate of Conformity conforms to the BCA, nor accepts any liability arising out of the use of the Product. The ABCB disclaims to the extent permitted by law, all liability (including negligence) for claims of losses, expenses, damages and costs arising as a result of the use of the product(s) referred to in this Certificate.
- It is advised to check that this Certificate of Conformity is currently valid and not withdrawn, suspended or superseded by a later issue by referring to the ABCB website, www.abcb.gov.au.

Product Purpose, Use and Application

- The OzHemp Tradical Hempcrete is permitted to be used as an internal bounding or external wall system (incorporating timber or steel framing) in loadbearing or non-loadbearing applications or floor system where the panel.
- The OzHemp Tradical Hempcrete achieves an FRL of up to 60/60/60 depending on a set configuration and is deemed non-combustible.
- The OzHemp Tradical Hempcrete is suitable for use in all bushfire prone areas (Low to Flame Zone).
- The OzHemp Tradical Hempcrete achieves a variety of acoustic performances for walls and floors as detailed in the installation manual with an $R_w + C_{tr}$ of at least 57 (-2 ; -6).
- The OzHemp Tradical Hempcrete contributes to the thermal insulation of a building where the product has a nominal thermal conductivity of 0.12W m-1 K-1 and will enable typical rendered walls of 300mm or 500mm total thickness to achieve calculated U vales of 0.37 W m-2 K-1 or 0.23 W m-2 K-1 respectively.
- Any bracing or ties incorporated must be stainless steel.
- The system is non-structural in vertical load bearing capacity and racking resistance, when cast in place, contributes only to the hydrothermal performance of the finished wall construction. Any contribution it affords to the timber frame in providing lateral restraint to studding or transferring direct wind loading to the timber frame, must be assessed individually for each case by the engineer responsible for the overall building.

Complies with the National Construction Code – Building Code of Australia 2016

- | Volume One | Volume Two |
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| <ol style="list-style-type: none"> Clause A0.2 (c) The Performance Requirements are satisfied by a combination of a Deemed-to-Satisfy Solution and Performance Solution CP2 – Spread of Fire GP5.1 – Bushfire prone areas Contributes to the following <ul style="list-style-type: none"> FP1.4 – Penetration of Water FP5.2 – Acoustics JP1 – Energy Efficiency | <ol style="list-style-type: none"> Clause 1.0.2 (c) The Performance Requirements are satisfied by a combination of a Deemed-to-Satisfy Solution and Performance Solution. P2.3.4 - Fire P2.3.1 - Protection from the Spread of Fire Contributes to the following: <ul style="list-style-type: none"> P2.2.2 - Weatherproofing P2.4.6 - Acoustic P2.6.1 - Thermal |

State and Territory Variations

The Hempcrete Wall can be used in all States and Territories within Australia. This includes the following variations:

- Queensland
 - Qld GP5.1, Qld G5.1, Qld 3.7.4.0
- New South Wales
 - NSW GP5.1, NSW G5.2, NSW 3.7.4.0
- South Australia
 - SA G5.1, SA G5.2, SA G5.3, SA P2.3.1(a)(ii) and SA 3.7.4.0
- Tasmania
 - Tas GP5.1, Tas G5.3 and Tas G5.4, Tas P2.3.4, Tas 3.7.4.0

John Thorpe	Livi Krevatin	Date of Issue	Date of Expiry	Certificate Number
CertMark International	Unrestricted Building Certifier			

Product Description

OzHemp Tradical Hempcrete is a combination of water, hemp aggregate and lime-based binder to produce thermal insulating and acoustic properties. OzHemp Tradical Hempcrete buffers temperature and humidity, prevents damp and mould growth. It is fire and termite resistant, lightweight and forms a hard wall surface yet is vapour permeable to help reduce humidity and prevent condensation.

Certificate Holder

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