

- Building for Climate Change is real and we all need to do our part to address it effectively



- H1 level 1 (November 2022) led to a surge in consents, in order to avoid the new insulation standards.
- Many of these homes were never built (about 20%)



- Modelling is still very average
- Schedule method is not very effective. It just adds up components, and can lead to over costing projects.
- We cannot hide behind modelling.



- Need more education.
- Education has been limited with H1, and has been a work in progress as H1 iterates.
- Not enough lead time for builders to get ready when H1 was introduced. Pushed for 12 months and industry was only given 6.



- Ventilation has become more prevalent retrospectively to avoid overheating and provide air change.



H1: Energy Efficiency

- Being energy efficient is a key to operating an affordable home.
- Being able to keep a home warm, significantly improves the health and wellbeing of those who live, work and play within.
- Insulation was only added to the NZ Building Code in 1977 – we have a long way yet to go.
- Complying with the current H1 requirements does not need to add significant cost.
- ProTip: If you are using the schedule method – **ditch it**



BRANZ's position on higher energy efficiency standards

We believe that the standards should be maintained because:

1. Standards are based on scientific evidence
2. Insulation does not cause overheating
3. Poor design is the problem
4. Avoiding the costs of reversing the changes
5. Aligning the building sector with national climate goals

Design it right – build it right – operate it right



H1: Energy Efficiency – Practical Resources



BRANZ House Insulation Guide
H1 Calculation method
Thermal Bridging calculation tool
BUILD H1 articles
H1 Webinars
H1 Hub
FAQ's
... and more

