

20,000 homes confirmed. Why are more and more homes registering for Homestar?



homestar

Building code

Vs



homestar



This is the minimum standard. It is set at a low level relative to other countries.



Our R-values, a measure of heat loss from our ceilings, walls and floors, are 50% worse than many countries.

International commentary includes:



The New Zealand Building Code is below the standards required in most IEA countries with comparable climates.

- INTERNATIONAL ENERGY AGENCY, ENERGY POLICIES OF IEA COUNTRIES 2017 REVIEW, 2017



Government should consider modernising the Building Code; its building standards are less stringent than those of many OECD countries.

- OECD, ENVIRONMENTAL PERFORMANCE REVIEW OF NEW ZEALAND 2017, 2017



The typical sustainability of New Zealand's housing stock is compliant with the requirements of the building code.

- BRANZ, BRANZ STUDY REPORT 2011



Developed with industry to help improve the quality and health outcomes.



Homestar homes are:

- warmer, healthier and drier
- heated efficiently
- independently verified as performing better than the building code
- water efficient
- marketable as better quality homes



You will save considerable amounts over five years

6
homestar
Built

- Saving \$2,400
- 1,900 kg of carbon emissions
- 113,000 litres of water

8
homestar
Built

- Saving \$6,200
- 6,000 kg of carbon emissions
- 230,000 litres of water

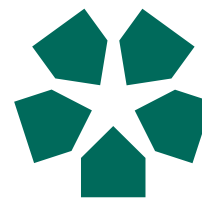
Additional benefits



Many NZ communities are impacted by flooding. Homestar encourages the reduction of storm water run off lowering the likelihood of flooding for you and your community.

Construction and demolition waste makes up half of New Zealand's total waste going to landfill. Homestar rewards the reduction of construction waste, reducing 2-3 tonnes going to landfill for every home. Less waste to landfill means millions less tax payer dollars building landfills.

Get in touch: betterhomes@nzgbc.org.nz | nzgbc.org.nz/homestar | (09) 379-3996



homestar
v4

Is Homestar v4 a completely new tool?

YES! The tool was completely re-engineered to make it simpler for builders or architects to verify that your house is of good quality.

Version 4 means:

- **Volume can be done at speed** – as a builder or developer you can have the NZGBC pre certify your plans saving you 20-50% of the time and costs of getting homes verified and providing you more certainty.
- **No modelling** – R-values are set out. You can refer to these rather than undertaking energy modelling for Homestar 6 and 7.
- **Slab edge insulation** – is not needed in Auckland, Coromandel or Northland for six star homes.
- **Less fiddly elements** – if you deliver good insulation, ventilation and heating then it is possible to get to six star without fiddly extra things (ecology, inclusive design or worm farms) saving you time and effort.
- **Less evidence required** – saving your assessor time and energy.
- **A one page checklist can be used** – to check against six or seven star without going through the whole technical manual.

Benefits for NZers

Where all new homes are Homestar six star New Zealanders will save \$360m over 5 years and an additional \$150m each year after.

“ **Warmth and comfort is increasingly important to clients and families in homes, especially in cold weather. Homestar is a useful independent way to verify the performance of homes. It is great to see the tool becoming simpler to use. We look forward to using it.** ”

- MATT LAGERBERG, CLASSIC GROUP.

Next steps

If you want to know more, get in touch with us at betterhomes@nzgbc.org.nz

Kāinga pai ke atu, tūturu.
Better homes, proven.

