

SUPERHOME movement

WHAT MAKES A SUPERHOME?



DESIGN | Optimal orientation, function & aesthetics



THERMAL PERFORMANCE | Energy modelled



STRUCTURE | Super-insulated floor, walls & roof



WINDOWS | High-performance & recessed



AIRTIGHTNESS | Confirmed by air test



VENTILATION | Whole home heat recovery ventilation



ENERGY | Solar system, heat pump hot water, etc



WATER | Efficient fittings & rainwater recycling



MATERIALS | Low carbon & responsibly sourced



WASTE | Plan, reduce, reuse, recycle



BASE | BETTER | BEST
Normalising Better Homes

WHAT IS THE SUPERHOME MOVEMENT

The **Superhome Movement** is a Charitable Trust comprising industry participants nationwide, including architects, designers, engineers, builders, trades, suppliers and more.

They are a group of like minded professionals that have a shared purpose to help people live in better, healthier, more energy-efficient, and environmentally-friendly homes.

Creating awareness, advancing design and construction with a focus on creating better homes that we all deserve.



SUPERHOME EVENTS

Superhome holds events to promote and share information with:

TOURS for industry and the public to experience the quality of homes, and meet the experts and owners. An educational and inspirational day visiting some of NZ's most beautiful, sustainable, healthy homes.

For more information and to register for tour tickets go to our website www.superhome.co.nz.

EXPOS where Superhome participants share information about their business and to create healthy, energy-efficient homes.



Join The Superhome Movement

Become a Superhome Participant – Regional Membership \$500+GST pa

MEMBERSHIP BENEFITS

- Superhome website listing
- Use of Superhome logos
- Certified Superhomes
- Superhome of the Year Awards
- Invitation to present on tours
- Discounted advertising in guides
- Trade Show invites
- Video interviews & case studies
- Planet positive identity



ENERGY MODELLING

Using computer modelling to analyse thermal comfort, energy use and carbon footprint is crucial at the early concept stage when creating a Superhome.

Energy modelling is an essential design tool.

Overheating is commonly overlooked, and energy modelling can confirm that correct shading is provided.

SUPERHOME DESIGN GUIDES

Working with our Superhome Participants, Superhome Movement creates and shares design guides that provide easily implementable solutions to help homeowners, designers and industry professionals bridge the gap between the current Building Code and solutions required to achieve healthy, resilient, durable, comfortable, affordable, low carbon homes.

Super-Renos

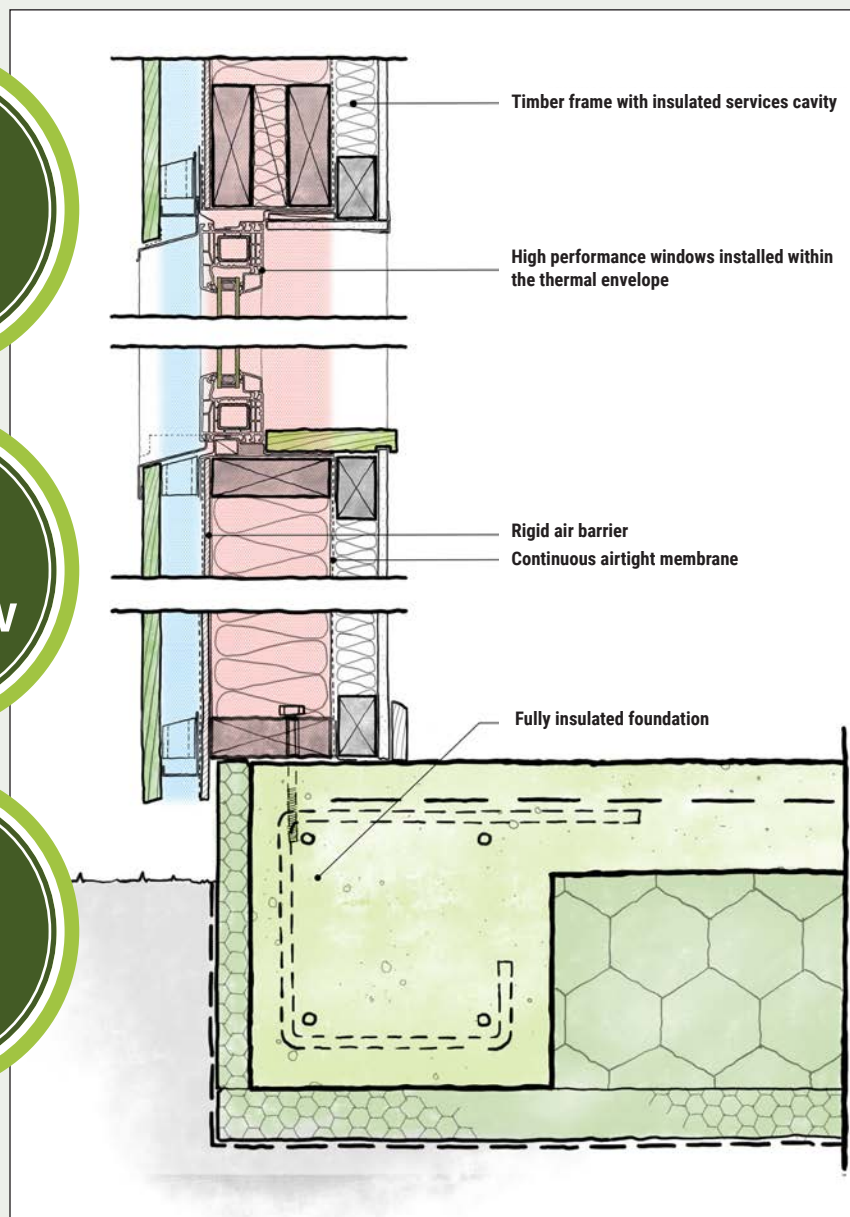
Building new Superhomes is only part of the story. 80% of homes that will exist in 2050 already exist now, but with many built well-below the healthy standards we need. All renovation projects should start with expert advice specific to the home, to establish if it is Reno-able and what can be achieved.

The Superhome Movement will be working on the creation of a Super-Reno Design Guide in 2023 to help people with information about good design, energy performance, insulation, high performance windows, ventilation and airtightness. This will help them make informed decisions at the beginning of their project.

Super Structure

SUPERHOME SOLUTIONS...

SUPER INSULATED FLOOR, WALL AND ROOFS



SUPER STRUCTURE

- This warm wall construction detail minimises thermal bridging and provides an airtight layer, which almost doubles insulation performance.
- High performance windows installed recessed within the thermal envelope inline with wall insulation.
- Minimum foundation edge insulation where underfloor heating installed is 50mm XPS. (EPS may be used if no underfloor heating).
- Hold down bolt cover is easily achieved with a 140 bottom plate.
- Insulation should be continuous under entire floor.

JOIN NOW

LEARN ABOUT THESE AND OTHER SOLUTIONS!

Superhome Participants can access a full range of technical details – including SUPER ROOF DETAILS.



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website www.superhome.co.nz