

H1. Done.

WE'VE GOT YOUR INSULATION SOLUTIONS COVERED.

The new insulation changes for small and large buildings might seem daunting, but at Comfortech® we've got all your H1 solutions sorted.

MBIE is proceeding with changes to roof, window, wall and underfloor insulation requirements and issuing the new edition of H1/AS1 and H1/VM1 for housing and small buildings. The new R-values aim to **reduce the energy needed for heating residential homes by approximately 40%** over minimum previous status quo requirements.

MBIE has also proceeded with changes to roof, window, wall and underfloor insulation

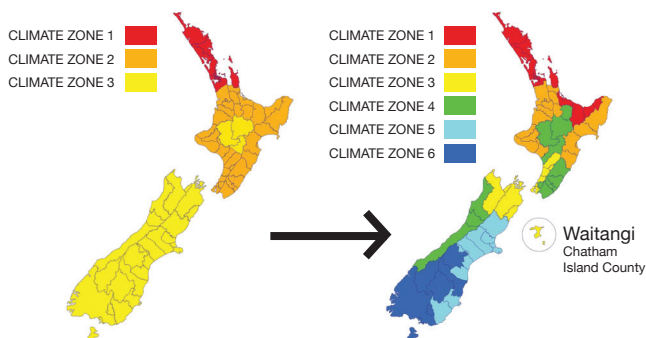
requirements and issuing the new H1/AS2 and H1/VM2 for large buildings.

This aims to **reduce the energy needed for heating and cooling 23%** on average across new large buildings over previous minimum status quo requirements.

Our team at Comfortech® has designed solutions in partnership with the building industry that are flexible enough to cover a range of different building requirements.

Changes to climate zones

Previously New Zealand was divided into three climate zones. To better reflect regional climate differences those zones have now changed to six.



Construction R-Values for residential and small buildings (under 300m²)

There have been significant changes to construction R-values for houses and small buildings (under 300m²) with significant increases in ceiling R-values across the country.

Floors have now been broken out into concrete and raised timber floors, whilst walls have not changed significantly yet. The changes for residential have been delayed until May 2023, with the exception of windows, the changes to which are being phased in from November 2022 to November 2023.

BUILDING ELEMENT	CLIMATE ZONE					
	1	2	3	4	5	6
ROOF	R6.6 (from 2.9 or 3.2)					
WINDOWS	R0.37 (from R0.26)		R0.46		R0.50	
WALL	R2.0 (from R1.9)					
SLAB-ON-GROUND FLOORS	R1.5			R1.5	R1.6	R1.7
OTHER FLOORS	R2.5 (from R1.3)			R2.8	R3.0	

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THE SIMPLE
WAY TO
FUTURE PROOF
YOUR BUILD.



Scan the code
to visit the
Comfortech® H1 hub