

# H1 CONSTRUCTION R-VALUES

FRAMING	BULK INSULATION R-VALUE	SERVICE CAVITY	COMBINED R-VALUE	CONSTRUCTION R-VALUE
<b>CEILINGS</b>				
<b>SKILLION ROOF</b>			45mm Timber	I-Beam
190/200mm Rafters	R5.0 - 190mm	x	R5.0	R4.44
		35mm R0.9	R5.9	R5.36
		45mm R1.2	R6.2	R5.78
		90mm R2.4	R7.4	R6.80
240mm Rafters	R6.4 - 240mm	x	R6.4	R5.44
		35mm R0.9	R7.3	R6.41
		45mm R1.2	R7.6	R6.71
		90mm R2.4	R8.8	R7.90
290/300mm Rafters	R7.2 - 290mm	x	R7.2	R6.41
		35mm R0.9	R8.1	R7.33
		45mm R1.2	R8.4	R7.63
		90mm R2.4	R9.6	R8.80
<b>TRUSS ROOF</b>				
Perpendicular Double Layer	R6.4 330mm (R3.2 + R3.2)		R6.4	R6.51
	R7.2 360mm (R3.6 + R3.6)		R7.2	R7.25
	R8.0 380mm (R4.0 + R4.0)		R8.0	R8.04
<b>EXTERNAL WALLS</b>				
90mm Stud	R2.4	x	R2.4	R2.03
		R1.2	R3.6	R3.21
140mm Stud	R3.2	x	R3.2	R2.76
		R1.2	R4.4	R3.98
	R3.6	x	R3.6	R2.98
		R1.2	R4.8	R4.14
<b>FLOORING</b>				
Drop-in Floor (DIF)	R2.7 110mm	x	R2.7	R2.69
	R3.2 140mm	x	R3.2	R3.06



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# CLIMATE ZONES

Climate zone 1



Climate zone 2



Climate zone 3



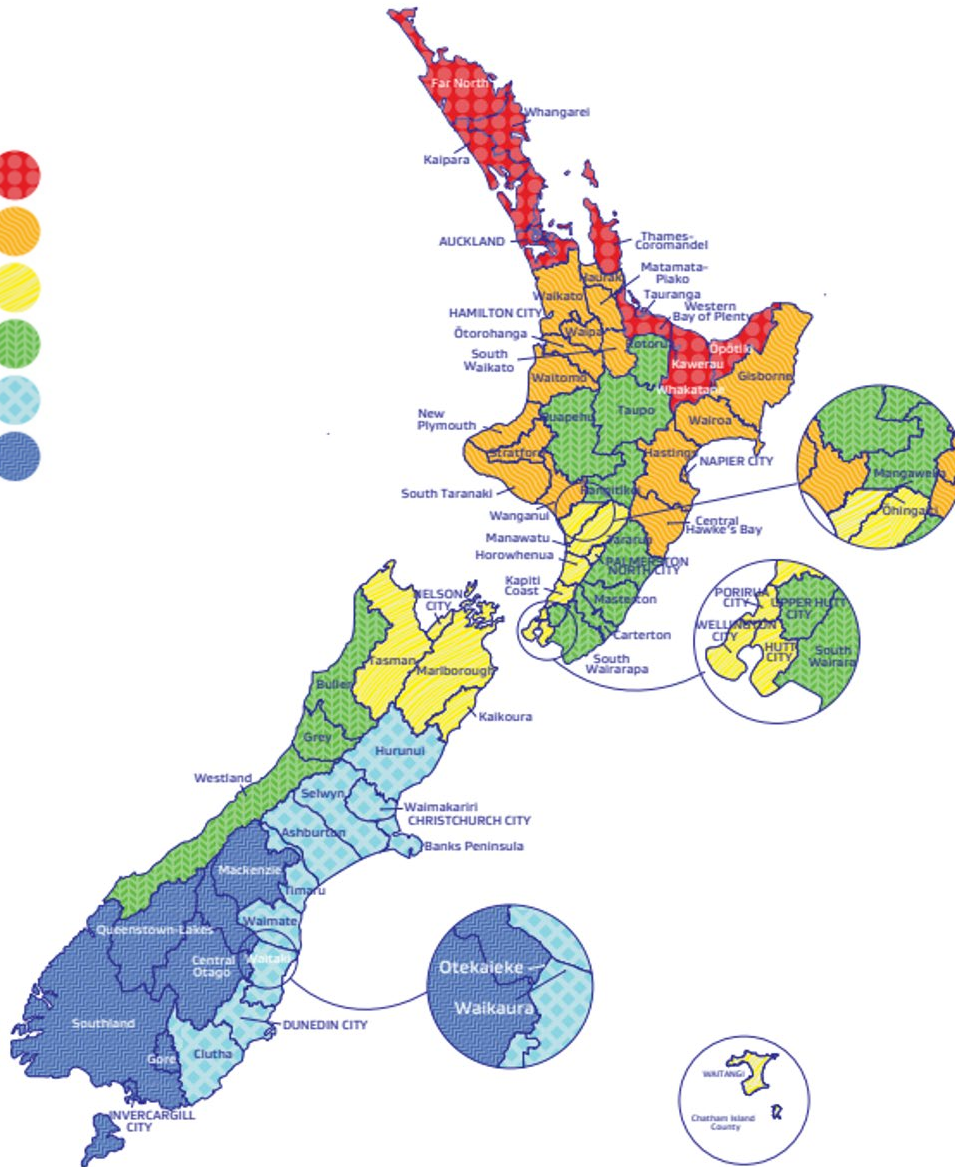
Climate zone 4



Climate zone 5



Climate zone 6



	1	2	3	4	5	6
ROOFS	R6.6					
WALLS	R2.0					
FLOORS						
Ground-floor Slabs	R1.5	R1.5	R1.5	R1.5	R1.6	R1.7
Other floors	R2.5			R2.8	R3.0	
WINDOWS & DOORS	R0.46		R0.46		R0.50	



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