

HOW NORTHPINE SG10 CAN HELP DESIGNERS AND SPECIFIERS

CONSIDER SG10



- Use our unique SG8/SG10 Span Tables to calculate what works best for your project www.northpine.co.nz/span-tables
- 3.6m to 7.2m lengths, treated up to H5
- Specify Northbeam on plans
- Bespoke orders via merchants nationwide
- Available within reasonable timeframes

LESS TIMBER VOLUME



- Saves time and labour
- Environmental benefits
- Cost-effective choice

LESS THERMAL BRIDGING



- Achieved by increasing joist stud, and rafter centres
- Insulation is easier to install
- Up to 50% fewer studs required

BETTER CONSTRUCTION R-VALUES

- At least 10%

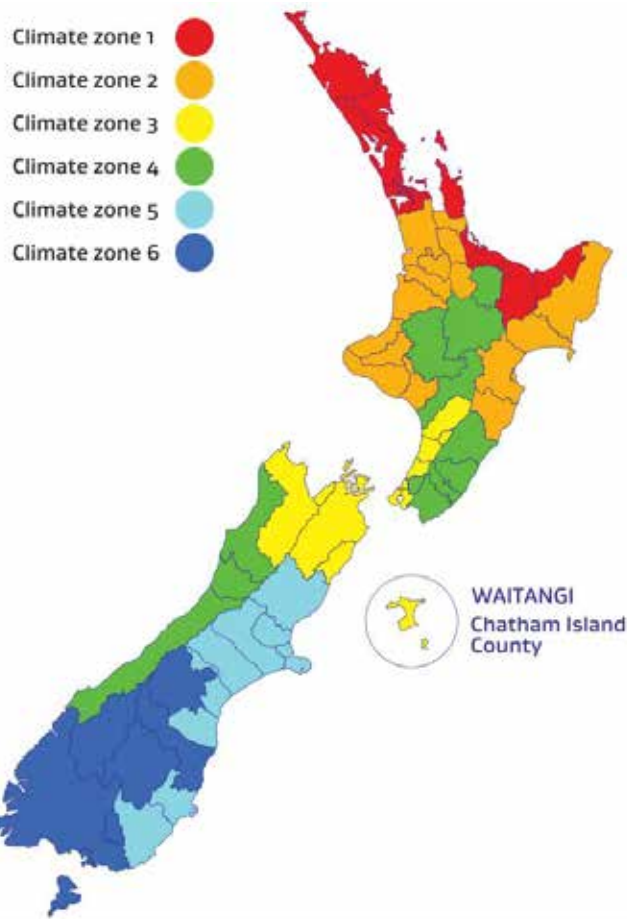
MEETING H1 CODE REQUIREMENTS

ENERGY EFFICIENCY FOR LARGE BUILDINGS (OVER 300M²) EXCLUDING INDUSTRIAL

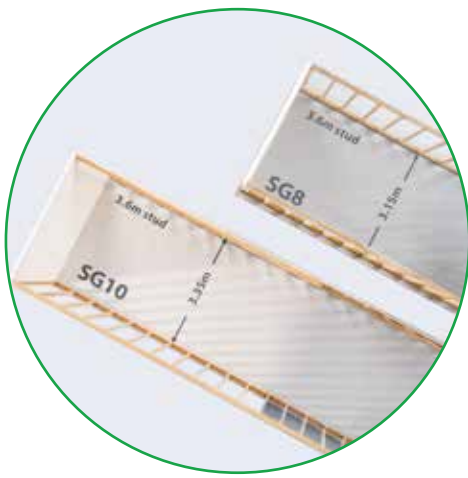
Building element	Climate zone					
	1	2	3	4	5	6
Roof	R3.5	R4.0	R5.0	R5.4	R6.0	R7.0
Windows	R0.33		R0.37		R0.40	
Wall	R2.2	R2.4	R2.7	R3.0		R3.2
Underfloor	R2.2			R2.4	R2.5	R2.6

ENERGY EFFICIENCY FOR SMALL BUILDINGS (UNDER 300M²)

Building element	Climate zone					
	1	2	3	4	5	6
Roof	R6.6					
Windows	R0.46				R0.50	
Wall	R2.0					
Slab-on-ground floors	R1.5				R1.6	R1.7
Other floors	R2.5			R2.8	R3.0	



3D SCALE MODEL



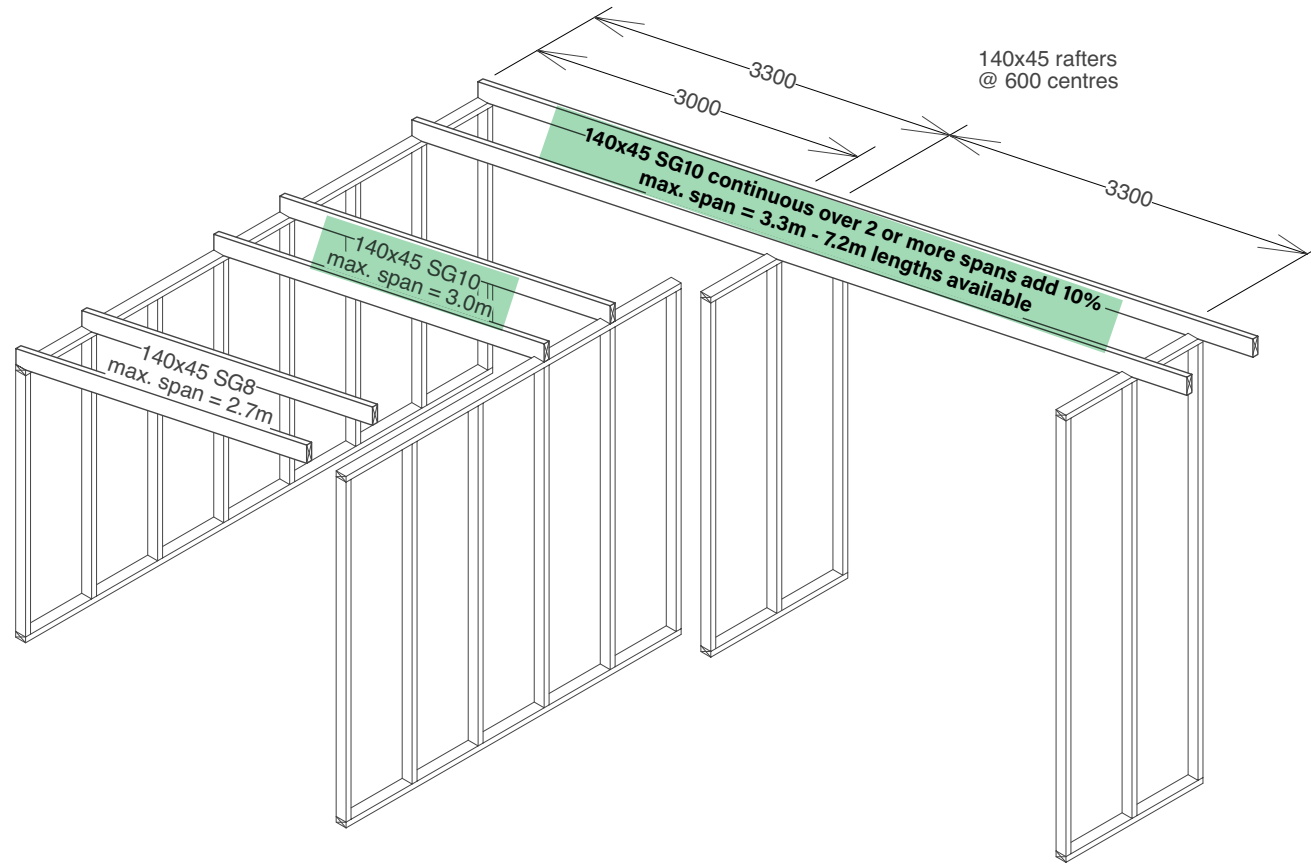
In a series of 9 images, Northpine's 3D Scale Model demonstrates how designing with Northpine SG10 has many benefits.

The images compare SG8 and SG10 options in Rafters, Walls, Bearers and Joists. See for yourself!



www.northpine.co.nz/span-tables

RAFTERS

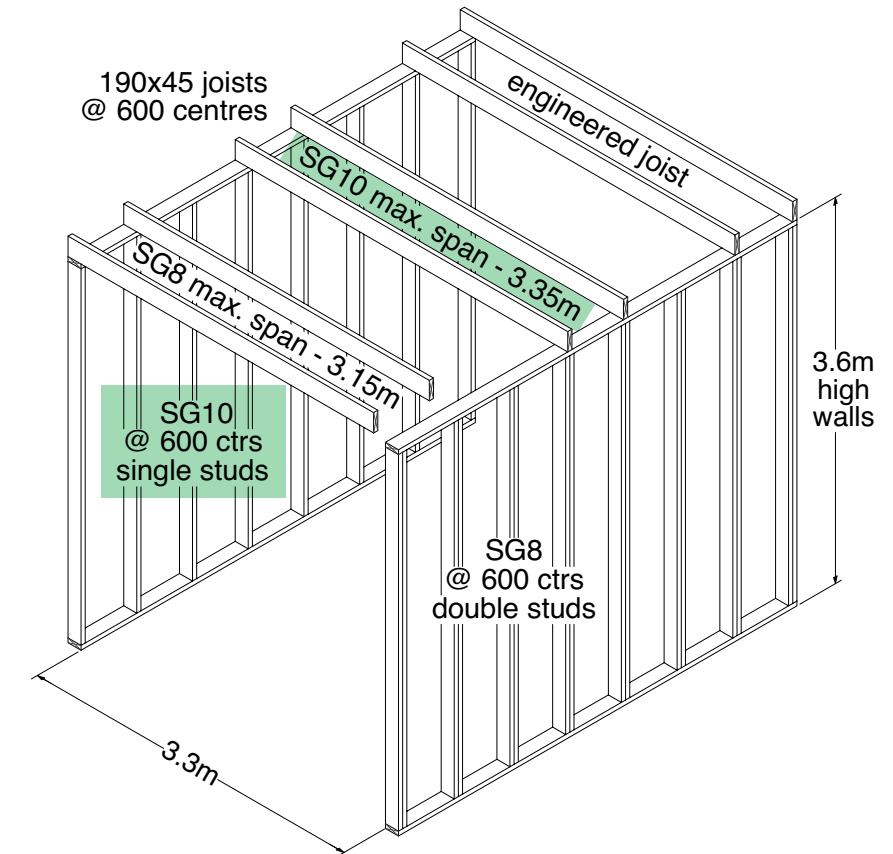


VALUE EQUATION

If SG8 costs 100%
SG10 costs 125%
and Engineered timber costs 180%*

*Indicative only, based on prices current October 2025

JOISTS & STUDS



VALUE EQUATION

If SG8 costs 100%
SG10 costs 125%
and Engineered timber costs 180%*

SG10 single stud wall cost about 65% less than
SG8 double stud wall and is much lighter to manoeuvre on site.

*Indicative only, based on prices current October 2025