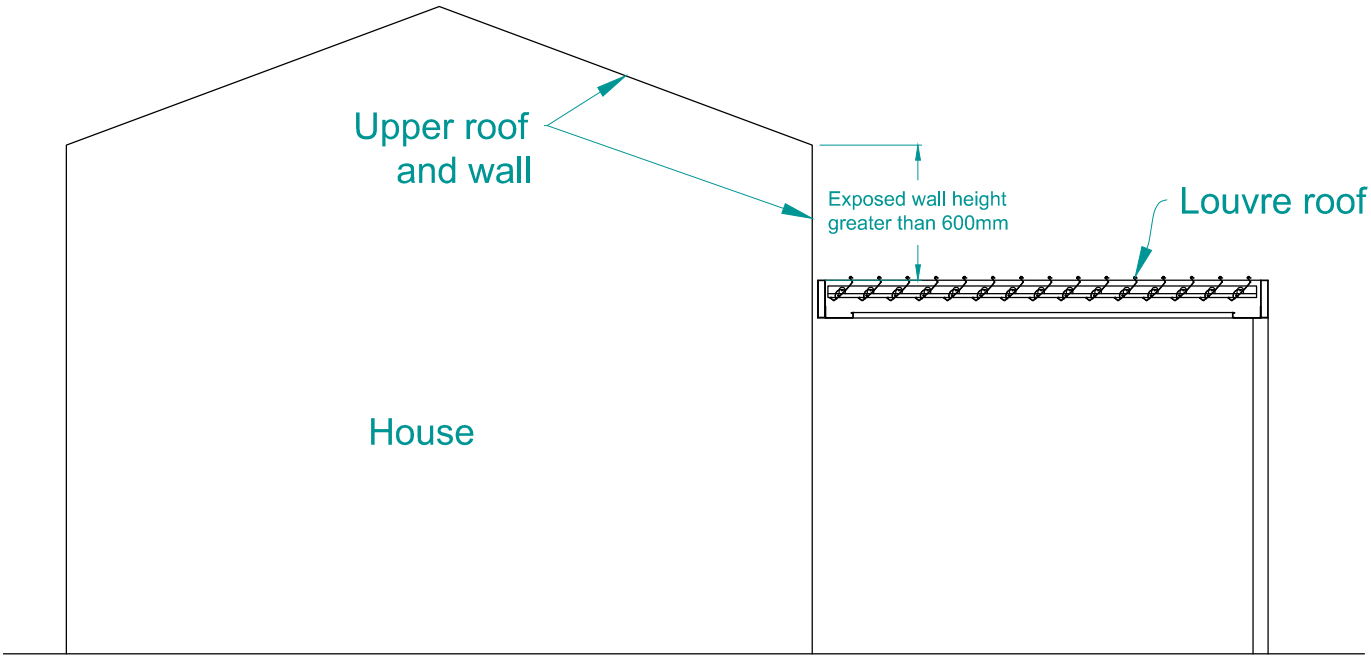
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## SNOW LOADINGS. AS REQUIRED BY NZS3604:2011 (SECTION 15)

Where a louvre roof forms part of a lower roof meeting an upper wall and the exposed height of the upper wall is greater than 0.6mm, the roof is defined as an abutting roof (similar to NZS3604:2011 15.3). In this situation, the louvre spans and beam spans determined from the Louvretec Tables shall be multiplied by 0.8.

FIGURE 9

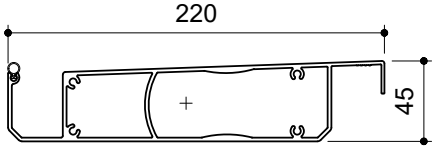



## STANDARDS NZ 1.5 AND 2.5 kPa SNOW LOADING ZONES NZS 3604:2011

For information about snow zones in New Zealand please see Figure 15.1 from NZS 3604:2011 Timber Framed Buildings. Wind speeds and snow loads must always be considered together. The lesser span taking precedence.

## OPENING OR RETRACT ROOF BLADE

*For larger spans, typically alpine and coastal locations

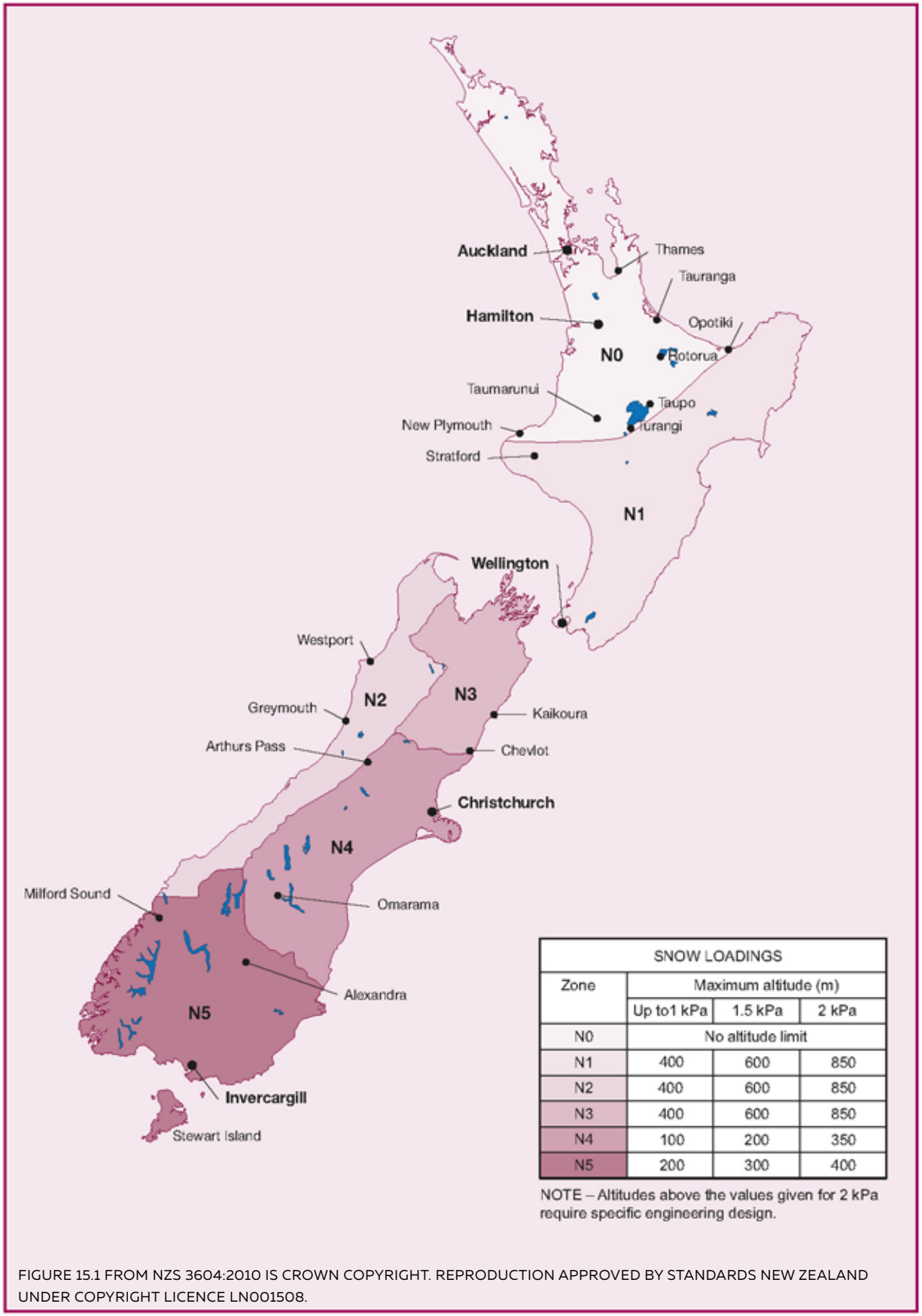



Louvretec 220/45 opening alpine* roof
(retract compatible)

| SNOW LOAD | LOUVRE ROOF SPANS (mm) | |
|---|---|---|
| | 1kPa | 5000 |
| | 1.5kPa | 5000 |
| | 2kPa | 5000 |
| | 3kPa | 4200 |
| | 3.3kPa | 4000 |


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SECTION 15 1.5 AND 2.0 kPA SNOW LOADING NZS3604.2011




| SNOW LOADINGS | | | |
|---|---|---|---|
| Zone | Maximum altitude (m) | | |
| | Up to1 kPa | 1.5 kPa | 2 kPa |
| N0 | No altitude limit | | |
| N1 | 400 | 600 | 850 |
| N2 | 400 | 600 | 850 |
| N3 | 400 | 600 | 850 |
| N4 | 100 | 200 | 350 |
| N5 | 200 | 300 | 400 |

NOTE – Altitudes above the values given for 2 kPa require specific engineering design.

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