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Sloped dragon ties - Build 169(2018)

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Abbreviation

Sloped dragon ties

Valid from

01/12/2018

Information provider

BRANZ Limited

Information type

BUILD article

Format

HTML, PDF, Hard copy

Description

The beauty of dragon ties is that they provide extra lateral support to an external wall, allowing a bigger room size before a ceiling diaphragm is needed. There are some rules around their use though.

Dragon Ties are continuous members fixed diagonally across the top plates of braced walls at right angles to one another to provide lateral support. Where installed, they allow the room size to be increased to up to 7.5 × 7.5 m without the need for a ceiling diaphragm.

NZS 3604:2011 *Timber-framed buildings* has some contradictions in requirements between the text and Figure 8.1. This article gives BRANZ's interpretation.

Scope

This article includes:

- Where are they used?
- Some limits in sloped dragon tie use
- Requirements for installation

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