

# FC11619-001

## Technical Opinion Summary



This is to certify that the specimen described below has been examined by BRANZ on behalf of the sponsor.

### Sponsor

Resene Construction Ltd  
5 Venture Place  
Middleton  
Christchurch 8024  
New Zealand

**Reference BRANZ Reports** FC11619-001

**Referenced Standard** AS1530.4:2014

**Specimen Name:** Resene Intertenancy wall

**Specimen Description:** Load bearing Resene intertenancy wall constructed as tested in BRANZ fire resistance test FR 6289, but with the frame and plasterboard lining to both faces and with the following variations:

- Inclusion of thermal/acoustic insulation in the wall cavities of, but not limited to, fibreglass, polyester, wool or wool blend, and
- Replace the timber studs with steel studs of equivalent structural strength to carry the imposed load per stud; and
- Increase in height up to 12 metres provided the steel or timber studs are increased in size to meet the structural design requirements for the increased height, and
- The spacing between studs is reduced to 400 mm between centres and the stud cross section increased provided that the imposed load per is not greater than that tested or determined by structural design; and
- The wall may be lined with any gypsum based plaster board at least 10 mm thick.

**Orientation:** Exposure from either side

### The assessed results were as follows

Structural Adequacy <sup>#</sup>	120 minutes
Integrity	120 minutes
Insulation	120 minutes

<sup>#</sup> applies only to the wall frame to the unexposed face of the wall

### Issued by

A handwritten signature in blue ink, appearing to read "M. E. Godkin".

M. E. Godkin  
Senior Fire Testing Engineer

### Reviewed by

A handwritten signature in blue ink, appearing to read "P. Chapman".

P. Chapman  
Senior Fire Testing Engineer

*Regulatory authorities are advised to examine test reports before approving any product.*

### Issue Date

22 August 2019

### Expiry Date

22 August 2024