

GEM Building Taxonomy Report

NZ Wood House

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Taxonomy string:

DX /W+WS /LWAL /DY /W+WS /LWAL / /HBET:1,2+HFBET:4,6 /RES+RES1 /BPD / /IRRE /EWW /RSH2+RMT6+RWO+RWO1+RWCP /FW+FW1 /FOSSL

Material type (direction 1):

Wood

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Wall

Material type (direction 2):

Wood

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Wall

Foundations:

Shallow foundation, with lateral capacity

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Pitched with gable ends

Roof system material:

Wood

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Wood

Date of construction:

Year unknown

Number of storeys above the ground:

Range of the number of storeys 1-2

Height of the grade above ground floor:

Range of height above grade 4-6

Occupancy type - general:

Residential

Country:

New Zealand

Summary:

Material technology (direction 1):

Solid wood

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Solid wood

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Unknown plan shape

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Metal sheets

Roof system type:

Wooden beams/trusses and purlins with light roof

Floor system type:

Wood beams/trusses & joists supporting light flooring

Number of storeys below the ground:

Unknown number of storeys

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

The most common of building type for residential use. Roof, ceiling, cladding materials varies depending upon age, region, etc. However, the basic wood structure essentially remains same.