

# GEM Building Taxonomy Report

Woodenbuilding type 5.2

EMCA working group

## Taxonomy string:

DX /W+WLI /LO+DUC /DY /W+WLI /LO+DUC /YBET:0,2012 /HBET:1,2+HBEX:0+HFBET:0.3,0.5+HD:0 /RES+RES1 /BPD /PLFR /IRRE /EWE /RSH2+RMT4+RWO+RWO3+RTDP /FW+FW3+FWCP /FOSSL

Material type (direction 1):

Wood

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Hybrid lateral load-resisting system

Material type (direction 2):

Wood

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Hybrid lateral load-resisting system

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 tie-down present

Floor system material:

Wood

Floor connections:

Floor-wall diaphragm connection present

Exterior walls material:

Earth

Date of construction:

Bounds for the date of construction or retro 0-2012

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 0.3-0.5

Occupancy type - general:

Residential

Country:

Unknown

Summary:

Material technology (direction 1):

Light wood members

Material technology (additional, direction 1):

System ductility (direction 1):

Ductile

Material technology (direction 2):

Light wood members

Material technology (additional, direction 2):

System ductility (direction 2):

Ductile

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Slate

Roof system type:

Wood-based sheets on rafters or purlins

Floor system type:

Wood-based sheets on joists or beams

Number of storeys below the ground:

Exact number of storeys 0

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - detail:

Single dwelling

Region (province, state, etc.):

Central Asia

Also known as (Synch).

The taxonomy should also include the Wooden frame (Pamir house).