

# GEM Building Taxonomy Report

Unreinforced masonry type 1.2

EMCA working group

Picture not available

## Taxonomy string:

DX /MUR+MOCL /LWAL+DNO /DY /MUR+MOCL /LWAL+DNO /YBET:1975,1990 /HBET:1,2+HBEX:0+HFBET:0.5,1.0+HD:0 /RES+RES2A / /PLFR /IRRE /EWMA /RSH3+RMT4+RWO+RWO3+RTDP /FC+FC3+FWCP /FOSSL

## Material type (direction 1):

Masonry, unreinforced

## Material properties (direction 1):

Cement:lime mortar

## Lateral load-resisting system (direction 1):

Wall

## Material type (direction 2):

Masonry, unreinforced

## Material properties (direction 2):

Cement:lime mortar

## 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 and hipped

## Roof system material:

Wood

## Roof connections:

Roof tie-down present

## Floor system material:

Concrete

## Floor connections:

Floor-wall diaphragm connection present

## Exterior walls material:

Masonry

## Date of construction:

Bounds for the date of construction or retro 1975-1990

## 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 0.5-1.0

## Occupancy type - general:

Residential

## Country:

Unknown

## Summary:

Mostly privates houses.

## Material technology (direction 1):

Masonry unit, unknown

## Material technology (additional, direction 1):

## System ductility (direction 1):

Non-ductile

## Material technology (direction 2):

Masonry unit, unknown

## Material technology (additional, direction 2):

## System ductility (direction 2):

Non-ductile

## Plan shape:

Rectangular, solid

## Building position within a block:

Unknown building position

## Vertical structural irregularity - primary:

## Vertical structural irregularity - secondary:

## Roof covering:

Slate

## Roof system type:

Wood-based sheets on rafters or purlins

## Floor system type:

Precast concrete floor with RC topping

## 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:

2 Units (Duplex)

## Region (province, state, etc.):

Central Asia