

# GEM Building Taxonomy Report

## Reinforced concrete building 2

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### Taxonomy string:

DX+PF /CR+CIP /LFM+DUC /DY+OF /CR+CIP /LFM+DUC /YBET:2010,2012 /HEX:8+HFAPP:4 /RES+RES2 /BPC /PLFR /IRRE /EWMA /RSH1+RMN / /

### Material type (direction 1):

Concrete, reinforced

### Material properties (direction 1):

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

Moment frame

### Material type (direction 2):

Concrete, reinforced

### Material properties (direction 2):

### Lateral load-resisting system (direction 2):

Moment frame

### Foundations:

Unknown foundation system

### Type of Irregularity:

Regular structure

### Plan structural irregularity - primary:

### Plan structural irregularity - secondary:

### Roof shape:

Flat

### Roof system material:

Roof material, unknown

### Roof connections:

Roof-wall diaphragm connection unknown

### Floor system material:

Floor material, unknown

### Floor connections:

Floor-wall diaphragm connection, unknown

### Exterior walls material:

Masonry

### Date of construction:

Bounds for the date of construction or retro 2010-2012

### Number of storeys above the ground:

Exact number of storeys 8

### Height of the grade above ground floor:

Approximate height above grade 4

### Occupancy type - general:

Residential

### Country:

Portugal

### Summary:

### Material technology (direction 1):

Cast-in-place concrete

### Material technology (additional, direction 1):

### System ductility (direction 1):

Ductile

### Material technology (direction 2):

Cast-in-place concrete

### Material technology (additional, direction 2):

### System ductility (direction 2):

Ductile

### Plan shape:

Rectangular, solid

### Building position within a block:

Corner building

### Vertical structural irregularity - primary:

### Vertical structural irregularity - secondary:

### Roof covering:

Concrete roof, no covering

### Roof system type:

### Floor system type:

### Number of storeys below the ground:

Unknown number of storeys

### Slope of the ground (for buildings on slopes):

Unknown slope

### Occupancy type - detail:

Multi-unit, unknown type

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

Porto

Typical reinforced concrete building found in Portugal since the year 2005.