

GEM Building Taxonomy Report

Concrete Portuguese building 1

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Taxonomy string:

DX+PF /CR+CIPPS /LFM /DY+OF /CR+CIPPS /LFM /YBET:1970,1985 /HEX:4+HBEX:1+HFAPP:4 /MIX+MIX1 /BPI /PLFR /IRIR+IRVP:SOS /EWMA /RSH2+RMT2+RC /FC /

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:

Irregular structure

Plan structural irregularity - primary:

No irregularity

Plan structural irregularity - secondary:

Soft storey

Roof shape:

Pitched with gable ends

Roof system material:

Concrete

Roof connections:

Roof-wall diaphragm connection unknown

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection, unknown

Exterior walls material:

Masonry

Date of construction:

Bounds for the date of construction or retro 1970-1985

Number of storeys above the ground:

Exact number of storeys 4

Height of the grade above ground floor:

Approximate height above grade 4

Occupancy type - general:

Mixed use

Country:

Portugal

Summary:

Material technology (direction 1):

Cast-in-place prestressed concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Cast-in-place prestressed concrete

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Interior of block

Vertical structural irregularity - primary:

No irregularity

Vertical structural irregularity - secondary:

No irregularity

Roof covering:

Fibre cement or metal tile

Roof system type:

Concrete, unknown

Floor system type:

Concrete, unknown

Number of storeys below the ground:

Exact number of storeys 1

Slope of the ground (for buildings on slopes):

Unknown slope

Occupancy type - detail:

Mostly residential and commercial

Region (province, state, etc.):

Porto

This building can be found mainly in the center and north of Portugal in a relatively high number.