

GEM Building Taxonomy Report

Precast RC Shear Wall Residential Building

Marjana Lutman



Taxonomy string:

DX /CR+PC /LWAL+DUC /DY /CR+PC /LWAL+DUC /YEX:1989 /HEX:6+HBEX:2+HFEX:16,8+HD:0 /MIX+MIX1 /BP1 //IRIR+IRVP:CHV /EWC /RSH4+RMT2+RC+RC4+RWCP /FC+FC4+FWCP /FOSSL

Material type (DX):

Concrete, reinforced

Material technology (DX):

Precast concrete

Material type (DY):

Concrete, reinforced

Material technology (DY):

Precast concrete

Type of lateral load-resisting system (DX):

Wall

System ductility (DX):

Ductile

Type of lateral load-resisting system (DY):

Wall

System ductility (DY):

Ductile

Latest possible date of construction or retrofit:

Number of storeys above ground:

Exact date of construction or retrofit: 1989

Number of storeys below ground

Exact number of storeys: 6

Slope of the ground:

0

Type of irregularity:

Irregular structure

Vertical structural irregularity - primary:

Change in vertical structure

Roof connections:

Roof-wall diaphragm connection present

Floor system material:

Concrete

Floor system type:

Precast concrete floor without RC topping

Floor connections:

Floor-wall diaphragm connection present

Foundation system:

Shallow foundation, with lateral capacity

Countries:

Slovenia