

GEM Building Taxonomy Report

ASPC1
Demeter I.



Taxonomy string:

DX+PF /SRC+CIP /LFINF /DY+OF /SRC+CIP /LFINF /YAPP:1980 /HEX:4+HBBET:0,1+HFAPP:1+HD:0 /EDU+EDU3 /BPD /PLFR /IRRE /EWMA /RSH1+RMT3+RC+RC4+RTDP /FC+FC4+FWCN /

Material type (direction 1):

Concrete, composite with steel section

Material properties (direction 1):

Lateral load-resisting system (direction 1):

Infilled frame

Material type (direction 2):

Concrete, composite with steel section

Material properties (direction 2):

Lateral load-resisting system (direction 2):

Infilled frame

Foundations:

Unknown foundation system

Type of Irregularity:

Regular structure

Plan structural irregularity - primary:

Plan structural irregularity - secondary:

Roof shape:

Flat

Roof system material:

Concrete

Roof connections:

Roof tie-down present

Floor system material:

Concrete

Floor connections:

Floor-wall diaphragm connection not provided

Exterior walls material:

Masonry

Date of construction:

Approximate date of construction or retrofit 1980

Number of storeys above the ground:

Exact number of storeys 4

Height of the grade above ground floor:

Approximate height above grade 1

Occupancy type - general:

Education

Country:

Romania

Summary:

Material technology (direction 1):

Cast-in-place concrete

Material technology (additional, direction 1):

System ductility (direction 1):

Ductility unknown

Material technology (direction 2):

Cast-in-place concrete

Material technology (additional, direction 2):

System ductility (direction 2):

Ductility unknown

Plan shape:

Rectangular, solid

Building position within a block:

Detached building

Vertical structural irregularity - primary:

Vertical structural irregularity - secondary:

Roof covering:

Membrane roofing

Roof system type:

Precast concrete roof without RC topping

Floor system type:

Precast concrete floor without RC topping

Number of storeys below the ground:

Range of the number of storeys 0-1

Slope of the ground (for buildings on slopes):

Slope of the ground 0

Occupancy type - detail:

College/university, offices and/or classrooms

Region (province, state, etc.):

Timis

Educational building in Romania; constructed in the 1980's; structural system: SRC cast-in-place columns with non-conventional precast slab elements.