

IFC R2.0 Certification Candidate Application Info sheet

Certification Date 2001-05-23

Application Name and Version

CLAIRE v1.0

Software Company & Contact info

ROCCA

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Availability

Commercially available October 2001

Application Description

IFC Viewer.

View

CAD / Visualization

IFC Implementation Type

Read-only

IFC Data Import

Containment and grouping

- Grouping : Zones

Units and measure

- Unit assignment ,Units [metric]

Spatial model

- Building ,Building storey, Project, Space , Space boundary

Building elements

- Beam Cabinet Column Counter or shelf Electrical appliance Electrical fixture Floor slab
Furniture Opening element Plumbing fixture Proxy [product with geometry] Roof slab
Simple door Simple window Stair Wall

Building materials

Actors

Cost model

Properties and PropertySets

- Common beam properties Common column properties Common door lining properties
Common door panel (swinging) properties Common door properties Common slab properties
Common wall properties Common window frame properties Common window properties
Dynamic property assignment Extension PropertySet system Hardware group Manufacture
information PropertySet system Simple property Simple property with unit

Geometry

- 2D boundary: arbitrary 2D geometry 2D placement 3D placement Absolute placement
Brep geometry Circle Clipping half space Composite curve Extruded solid: arbitrary
Extruded solid: arbitrary, clipped Extruded solid: arbitrary, clipped, slanted Extruded solid:
arbitrary, multiple segments Extruded solid: arbitrary, slanted Extruded solid: circular -
Extruded solid: curved Extruded solid: rectangular Extruded solid: rectangular, clipped [
Extruded solid: rectangular, clipped, slanted Extruded solid: rectangular, multiple segments
Extruded solid: rectangular, slanted

- Geometric representation

- Line Polyline Profile: arbitrary Profile: circular Profile: curved Profile: rectangular Relative
placement Revolved solid: rectangular Revolved solid: rectangular, clipped

Relationships (5)

- Classification assignment Fills element Voids element

Other (2)

- Classification

IFC Data Export (if relevant)

No data export

Other**Limitations:**

- Boolean operations between openings not supported
- Clipping of wall geometry is not supported
- HVAC elements are not supported