geCAD Architecture

progeCAD Architecture

An unrivaled BIM solution for Architectural Building Design - Quick Start Guide

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Intro	Features	Details	Compare	Licenses

anced Architecture BIM

eCAD Architecture is an Architectural Software which sophisticated BIM technology helps you step after step. Drawing in 3D w CAD Architecture is even faster and easier than in 2D with generic CAD Software such as AutoCAD® or progeCAD Professional.
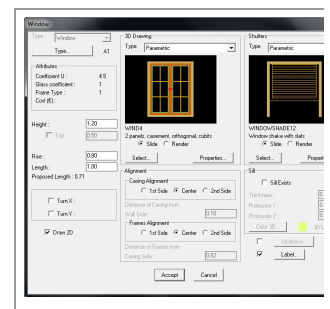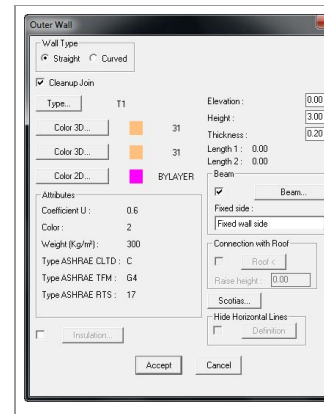
G Compatibility

CAD Architecture works with DWG file format, this grant an high level of compatibility with AutoCAD®, progeCAD® and other DWG/D l CAD

ocad®-like engine

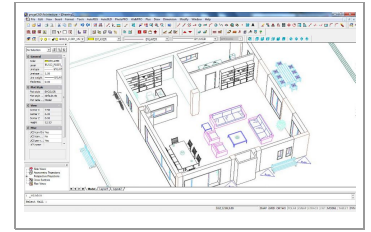et of standard CAD features. 2D and 3D drawing commands with Surfaces and ACIS solids

wing Walls & Openings

rding the drawing functionality of Walls & Openings, progeCAD Architecture contains all mmands required for the unrestricted "shaping" of the basic building framework, such rallel moving of walls, trimming, extending, joining and breaking walls as well as placing ngs of any kind on them (windows, sliding doors, openings, arches).
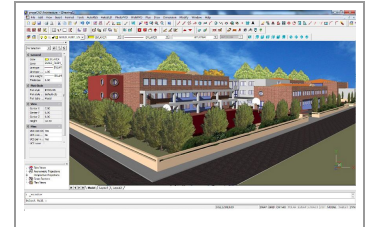
3D Modelling and Composite Elements & Structures

progeCAD Architecture includes a set of sophisticated dialogs and modelers to create slabs, staircases, roofs, rails and vertical or horizontal elements of any type and shape. Dynamic shaping and editing of any composite element is performed through the parametric dialogs of progeCAD Architecture which practically cover every construction case. The parametric behavior of all these structures enables changing most of their properties at any time in the design process. Through use of these BIM tools the user can quickly analyze alternative design solutions to discover the most desirable ones.

Advanced Rendering for Architecture

progeCAD Architecture includes a photorealistic module that produces high-quality photorealistic scenes. It uses a rich library of real materials with texture (e.g. marble, wood, stone, carpets etc), which can be selected and adjusted properly if necessary.
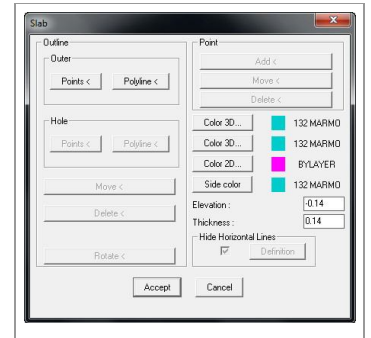

3D Walk-through

progeCAD Architecture sports a virtual reality component generating walking through scenarios in a very simple manner: Any virtual "trip" can be stored as an avi file. More than a simple walk, the "Walk" group of commands permit many other visual effects, such as the ascension of a staircase, the option to open a door while "walking" etc. In addition, the module can offer the experience of a 4D stereoscopic reality through a pair of stereo glasses.
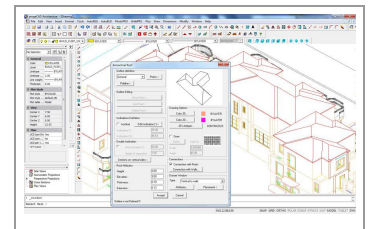
Slabs

Quick creation of Slabs through Points or Polyline. Easy creation of circular and polygonal holes (ex. for Stairs allocation)
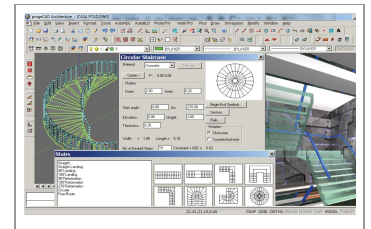

Aided Roofs Creation

Roof modeler with unlimited options to design any type of roof structure and add components such as attics, lofts, skylights, inclined openings and others.
The Roof command creates all kinds of roofs in three dimensions (3D), as well as their projections on the drawing surface (2D), and allows hatch selection on the 3D drawing and the ground plan.

Staircases

Staircase modeler to generate even the most complex shapes, along with their parts and accessories.
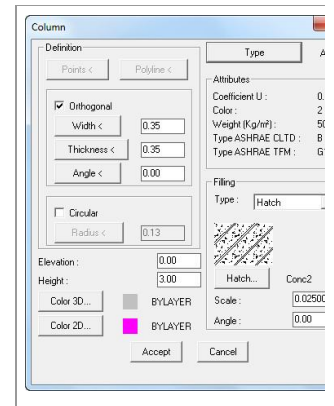

Gables, Ramps, Rails

Dialogs for vertical elements, gables, ramps, rails and many other more specific building entities such as chimneys and pergolas.

rs and Beams

to define and shape beams, columns, slabs and other parametrics structural elements

and 3D Blocks, included and free

er to the Parametric Library Generators wherever required (i.e. openings, shutters etc),
CAD Architecture also includes a large number of items (objects, accessories, symbols
roperly grouped into thematic libraries (Living Room Furniture, Dining Room Furniture,
en Furniture, Office Furniture, Equipment, Plants etc). In addition, through the Dynamic
y Editor, the user can define and create new libraries, edit existing items, or even insert
wg drawings and convert them into library items.