

FEATURE COMPARISON

HOME DESIGN 8 | 3D CAD ARCHITECTURE 10 | 3D CAD PROFESSIONAL 10



PRODUCT FEATURES

Project and building wizard	✓	✓	✓
Create multiple views in one project, 3D views, 2D views, sections, elevations, 2D graphic	✓	✓	✓
Create multiple buildings and floors in a project file	✓	✓	✓
Project viewer with building hierarchy and floors with multiple layers	✓	✓	✓
Building components: Walls, Windows, Doors, Stairs, Ceilings, Supports, Chimneys,...	✓	✓	✓
Stair construction, straight stairs, geometrical stairs, stairs with landing	✓	✓	✓
Roof wizard with multiple predefined roof side types	✓	✓	✓
Extended roof function with extensions and roof openings	✗	✓	✓
Merging roofs and editing of the timber construction	✗	✗	✓
Dormers with 7 predefined dormer types	✓	✓	✓
Roof windows / skylights	✓	✓	✓
Roof-mounted solar plants	✓	✓	✓
Flat roof solar plants with elevated solar panels	✗	✗	✓
Walls, cavity walls, multi-layer walls, save your own wall types	✓	✓	✓
Timber construction for walls, stud walls, incl. quantity export to PDF, RTF, Excel	✗	✗	✓
2D Drawing functions to finalize 2D floor plans and views	✗	✓	✓
2D symbol catalog to design your 2D views with electrical symbols, plumbing,...	✓	✓	✓
Dimensioning of 2D views, section views and elevations	✓	✓	✓
Automatic dimensioning for 2D floor plans, 2D top views	✗	✗	✗
Text, measuring functions, 2D guidelines	✓	✓	✓
Automatic item text, mark your walls and windows with a unique item number	✗	✗	✗
Catalog with 3D-Objects for interior and exterior design	✓	✓	✓
Catalogs with textures and materials for your 3D design (e.g. roof tiles, bricks, etc.)	✓	✓	✓
Catalog with ready-to-use groups, garages, kitchenettes, garden homes,...	✓	✓	✓
Door and Window catalog, extended catalog with US style windows	✗	✗	✗
Quantities for building elements and area calculation	✓	✓	✓
Quantities, automatic area calculation and export as PDF, RTF, Excel,...	✗	✓	✓
Automatic facade area detection and export as PDF, RTF, Excel	✗	✗	✓
Plan layout Plugin, arrange multiple floor plans and views on a single sheet	✗	✓	✓
2D DXF und 2D DWG Import und Export	✗	✗	✓
Import and export of 3D objects in third party file formats, FBX, 3DS, OBJ, SKP, COLLADA,...	✗	✓	✓
Saving 2D and 3D views in various image formats, *.jpg, *.png, *.bmp, *.gif	✓	✓	✓
2D/3D Dimensioning, 2D / 3D Guidelines, Measuring	✓	✓	✓
Window construction Plugin: Create your own window types	✗	✗	✓
Modelling functions for custom 3D objects and construction details	✗	✓	✓
3D Subtraction solids, create custom openings and cut-outs in your 3D model	✗	✓	✓
3D terrain design with height points, terrain elements (beds, terrace, path,...), etc.	✓	✓	✓
Faster and future-proof with native 64-bit support	✓	✓	✓
Easier and more intuitive with ribbons	✓	✓	✓
US Standard scales for 2D views added to our view property dialogs	✗	✗	✗

DESIGN AND CONSTRUCTION TOOLS

Railings, railing editor dialog with multiple style options	✗	✗	✗
Railing style catalog, save your own railing design	✗	✗	✗
Fences, as a variant of railings, automatically following your 3D terrain design	✗	✗	✗
Retaining walls, used for your plot, garden and terrain design.	✗	✗	✗
Balcony catalog with different railing styles	✗	✗	✗
New north arrow property dialog, including 2D preview, rotation options, scaling	✗	✗	✗
New plot element for terrain editing.	✗	✗	✗
Automatic borders for terrain elements such as beds, terrace,...	✗	✗	✗
Numeric construction tools for walls	✓	✓	✓
Numeric input tools for windows and doors	✓	✓	✓
Numeric editing tools for walls, windows and doors	✓	✓	✓
Timber construction wizard for stud walls	✗	✗	✓
Create your own groups (alias mini-projects) and save them to the catalog	✗	✓	✓
Insert ready-to-use groups, separate them into their previous elements and change them	✗	✓	✓
Additional elements for windows and doors, Lintels, Roller shutters, Surroundings,...	✓	✓	✓
More beautiful and expressive with custom fill patterns and 3D texture displays in 2D	✗	✓	✓
Extended 2D line types for 2D drawings and views	✗	✓	✓
Create your own 2D lines and save them to the line type list	✗	✓	✓
Create your own 2D symbols and save them to the catalog, for title blocks etc.	✗	✓	✓
Replace materials and textures in 3D views via drag and drop	✓	✓	✓
3D view: light and shadow calculation, raytracing, ambient occlusion	✓	✓	✓
Create your own 3D surfaces with our surface planer plugin	✓	✓	✓
3D grid elements with our surface planer, for facade cladding, etc.	✗	✓	✓
Predefined 3D view positions, front, side elevations, top views	✓	✓	✓
Precise analysis of excavation and areas of terrain elements	✓	✓	✓
Create roofs with corrugated sheets of different profiles	✗	✓	✓
Support for circular roofs	✗	✗	✓
Individual roof contour via polygonal input	✓	✓	✓
Bars and bars pictures for window constructions	✓	✓	✓
Create your own 3D solids, sweep solids, extrude solids, rotate solids	✗	✓	✓
Individual roof side extensions with polygonal openings and cut-outs	✗	✓	✓

DETAILS

Extended catalogs, new doors, more than 250 new 3D objects, 200 new 2D symbols,...	✗	✗	✗
Visualization of open doors in 3D floor plans	✓	✓	✓
Output details for floors, walls and ceilings	✓	✓	✓
Print your 2D views as PDF file (requires an installed PDF printer)	✓	✓	✓
Save your 2D and 3D views as picture (JPG, PNG, BMP)	✓	✓	✓
Height dimensions with values above sea level in section views and elevations	✓	✓	✓
More than 250 ready-to-use groups in our new group catalog	✓	✓	✓
Save visibility settings for categories and object types as templates	✓	✓	✓
Manage apartments with dedicated hierarchy level in our project viewer	✓	✓	✓
Alternative dimensions for windows and doors on axis	✓	✓	✓
Solar plant analysis	✗	✓	✓
Shadow simulation in 3D views	✓	✓	✓
Individual unit settings, m,mm, inches,...	✓	✓	✓
Multiple display options for 3D views, realtime shadows, sketch view,...	✓	✓	✓
Define world and sun position of your property in 3D views for accurate shadow calculation	✓	✓	✓
Add background pictures or photos in 3D views	✓	✓	✓
Walkthrough in 3D	✓	✓	✓
North orientation with our north arrow, for accurate shadow calculation	✓	✓	✓
Area property for 2D drawing elements, polygons, rectangles, circles,...	✗	✗	✗