

ARCHline.XP 2006-2009

Release Comparison Matrix

Legend

+ Feature supported

++ Improved feature

+++ New feature

2D Design Tools	2006	2007	2008	2009
Point , Line, Construction Line, Multi-Line, Parallel Line, Perpendicular Line, Polygon, Polyline, Arcs, Spline, Circles, Ellipses,	+	+	+	+
Raster Image		+	++	+
Dimensions - Angular, Baseline, Continuous, Incremental, Leader, Radius, Diameter, Parallel, Quick, Rotated, Elevation, Arc-Length, Wall, Door, Window Dimensions, Aligned 3D, Length 3D, Area, Associative, Non-Associative	+	+	+	+
Text, Multiline text	+	+	+	+
Hatch	+	+	+	+
Group	+	+	+	+
Offset	+	+	+	+
Chamfer, Fillet, Align	+	+	+	+
Object Trim, Extend, Split, Break, Stretch	+	+	+	+
Transform: Move, Duplicate, Rotate, Scale, Mirroring, Array Copy	+	+	+	+
Boolean Add, Subtract, Intersect profiles	+	+	+	+
2D Measurements - Angle, Area, Coordinates, Distance, Object ,	+	+	+	+
Snaps - Center, Extremum Point, Intersection, Mid-point, Nearest on Facet, Nearest on Graphic, Quadrant, Tangent to an Arc, Tangent Snap, Vertex, Orthogonal, Workplane,	+	+	+	+
Layer management up to 1024 layers	+	+	+	+
Linetype, lineweight support	+	+	+	+
Raster Image Calibration	+	+	+	+
Draw Order	+	+	+	+
Hand sketch drawing	+	+	+	+
Detailed view	+	+	+	+
Xref Manager		+	+	+
OLE (Object Linking and Embedding)			+++	+
Revision Cloud			+++	+
Symbol at line end point				+++
Replacement of 2D groups – all at once				+++
High resolution image copy and paste max. 4096x4096 pixels				+++

Architectural Design Tools	2006	2007	2008	2009
Floorplan management	+	+	+	+
Separate Building management	+	+	+	+
Wall, Oblique walls	+	+	+	+
Door/Window	+	+	+	+
Door/Window - external and / or internal frame			+++	+
Curtain wall	+	+	+	+
Openings in the Curtain wall			+	++
Roof	+	+	+	+
Roof Structure	+	+	++	+
Balustrade	+	+	+	+
Stair	+	+	+	+
Terrain	+	+	+	+
Terrain – zone		+	++	+
Column,Beam, Plinth	+	+	+	+
Slab, Sloped slab, foundation	+	+	+	+
Object	+	+	+	+
Room book	+	+	+	+
Survey	+	+	+	+
Quantity Take-Off	+	+	+	+
Architectural scale	+	+	+	+
Drawing Comparison		+	+	+
Tiling	+	+	+	+
Insert 3D model in photographic background	+	+	+	+
Survey – Photogrammetry, Perspective image -> Frontal image	+	+	+	+
Find edges – raster to vector	+	+	+	+
Structural			+++	+
Quick balustrade			+++	+
Section 2D/3D, seperate section view	+	+	++	+
Parking			+++	+
Truss				+++
Google 3D Warehouse support				+++
Concept 3D - Building volume control				+++
Picture on wall				+++
Curtain				+++

3D Design Tools	2006	2007	2008	2009
Box, Cylinder, Sphere, Hemisphere, Cone, Prism, Wedge, Cylinder, Polygonal Prism, Torus, Doughnut	+	+	+	+
Extrudes & Sweeps	+	+	+	+
3D Booleans, Drill	+	+	+	+
Group in 3D	+	+	+	+
Workspace	+	+	+	+
3D extension of line nature elements with thickness				+++
Solar access survey				+++

Interface	2006	2007	2008	2009
Import: 3DS - 3D Studio, DWG - AutoCAD Native Format,, DXF - Drawing Exchange, JPG – JPEG, BMP - Windows Bitmap,	+	+	+	+
Import: SKP – Google™ Sketchup version 7			+++	++
Export: 3DS - 3D Studio, DWG - AutoCAD Native Format, DXF - Drawing Exchange, DWF - AutoDesk® Drawing Web Format, EMF - Windows Metafile, WRL - VRML Worlds	+	+	+	+
Export: DWG - AutoCAD 2007 Native Format,			+++	+
OpenGL Support		+	+	-
DirectX Support				+++
Rendering physically accurate materials such as glass, mirrors, and polished or reflective surfaces with ray tracing, RPC support	+	+	++	+
Rendering - Sketch			+++	-
Animation fly-through, Shadow analysis, Virtual reality	+	+	+	+
Construction Animation		+	+	+
Walk and Fly				+++
Team-work		+	+	+
Materials- Import bitmaps, pre-defined material libraries, edit and create own materials.	+	+	+	+
Context sensitive menus	+	+	+	+
Camera Views: Top, Bottom, Back, Right, Parallel, Perspective	+	+	+	+
Undo/redo	+	+	+	+
Construction Grid		+	+	+
Keyboard Shortcuts	+	+	+	+
Command Alias	+	+	+	+
Command Line with sensitive keywords	+	+	++	+
Property Manager			+++	+
Set management	+	+	++	+
Layer groups				+++
Context Sensitive Grips				+++
Drawing recovery manager				+++
Quick view toolbar				+++

Publishing	2006	2007	2008	2009
Print	+	+	+	+
Publish in PDF	+	+	+	+
Plot Layout management	+	+	+	+
Plot Layout – editable details	+	+	+	+++
Lineweights	+	+	+	+
Video Tutorial (Internet)	+	+	+	+

Operating System Support	2006	2007	2008	2009
Microsoft Windows 2000 (SP4)	+	+	+	-
Windows XP Home Edition	+	+	+	+
Windows XP Professional (SP2) Edition	+	+	+	+
Windows Vista Home Edition			+++	+
Windows Vista Enterprise or more			+++	+