

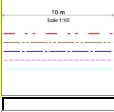



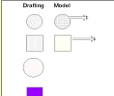
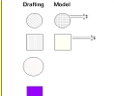


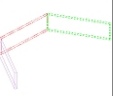
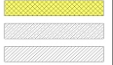
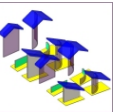

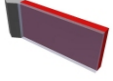


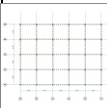
01 Test cases for Lines													
Name of test case	Test	Originator	Errors on export	Figure	Active3d	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	lfcStoreyView	
line_ac_1	Export of annotation lines with style information.	ArchCAD 9 IFC2x3 Utility Build 63015	syntax check - ERROR Problem with scaling?		Correct line types, problem with scaling	Problem with scaling	OK	Currently mapped to default colour label and line style, which results in different line styles and colours	OK				
polyline_ac_1	Export of annotation lines with style information.	ArchCAD 9 IFC2x3 Utility Build 63011	syntax check - ERROR Problem with scaling?		Problem with scaling	Problem with scaling Outer polyline is missing	OK	Nearest matching to default style quite ok, but not 100%	OK				
lines_all_1	Export of annotation lines with style information.	ALLPLAN 2006 Development Build	expected to be correct		Line type OK Line color OK Line thickness not supported	Can't import	OK	Nearest matching to default style quite ok, but not 100%	OK				
lines_rev_1 [line]	Export of annotation lines with style information.	Revit 10-1.0 Development Build IFC2x3 Utility	expected to be correct		OK	OK	Scale !	Nearest matching to default style quite ok, but not 100%, second line was not dashed	OK				

02 Test cases for Hatches													
Name of test case	Test	Originator	Errors on export	Figure	Active3D	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	lfcStoreyView	
hatch_ac_1	Export of annotation fill areas with hatching information	ArchICAD 9 IFC2x3 Utility Built 63011	error in scale of the dash-dotted hatch line		Geometry OK Line style scaling problem	Void is missing Line style scaling problem	OK	Not yet implemented	OK, but need to be re-imported, when the corrected test file is available				
hatch_all_1	Export of annotation fill areas with hatching information	ALLPLAN 2006 Development Build	expected to be correct		OK All lines in the same hatch have the same color	OK	Scaling problem !	Not yet implemented	OK Revit cannot yet have different colors for hatch lines and a style for the hatch boundary				
hatch_rev_1 [hatch_rev3]	Export of annotation fill areas with hatching information hatch_rev_1 in foot	Revit 10-1.0 Development Build IFC2x3 Utility	syntax check - ERROR error, hatch line color is exported (in addition) as background color		OK Filled rectangle is not supported	OK	OK	Not yet implemented	OK				
hatch_rev_2 [hatch_rev3_mm]	Export of annotation fill areas with hatching information hatch_rev_1 in millimetre	Revit 10-1.0 Development Build IFC2x3 Utility	syntax check - ERROR error, hatch line color is exported (in addition) as background color		OK Filled rectangle is not supported	OK	OK	Not yet implemented	OK				

03 Test cases for Text													
Name of test case	Test	Originator	Remark	Figure	Active3D	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	lfcStoreyView	
text_ac_1	"The quick brown fox jumps over the lazy dog"	ArchiCAD 9 IFC2x3 Utility Build 63011	error with text color		Text is scaled incorrectly, much too small	OK	textbox to small	Colours OK Import maps different font types to only one font type and height	recheck based on corrected export file				
text_rev_1 [text3]	export of annotation text with style information	Revit 10-1.0 Development Build IFC2x3 Utility	syntax check > ERROR		Text strings OK Text in box not wrapped Text color not supported	Not yet supported	one small issue, rotated text over 180° needs to be dealt with separately	Colours not proper No multiline text Mapped to only one height	one small issue, rotated text over 180° needs to be dealt with separately				

04 Test cases for Surfaces													
Name of test case	Test	Originator	Remark	Figure	Active3d	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	lfcStoreyView	
3bricks_ac_1	export of proxies with surface presentation	ArchICAD 9 IFC2x3 Utility Built 63011	expected to be correct		OK	Not yet supported	OK	OK	Color imported by currently hidden in the Revit family				
redbanya_ac_1	export of proxies with surface presentation	ArchICAD 9 IFC2x3 Utility Built 63015	expected to be correct		OK	Not yet supported	OK	OK	geometry import correct, colors not shown yet				
door_window_surstyles_ac_1	export of proxies with surface presentation	ArchICAD 9 IFC2x3 Utility Built 63015	expected to be correct -> picture is wrong - need to be resent		OK	Not yet supported	OK	OK	OK				

05 Test cases for Material defined													
Name of test case	Test	Originator	Remark	Figure	Active3D	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	lfcStoreyView	
01 wall material representation													
01 Line style presentation													
walls_line_style_presentation_all_1	Export of walls with a wall material style that determines the presentation of wall edges	ALLPLAN2006 Development Build	expected to be correct		Line styles not supported in 3D Not yet implemented	not possible in ArchiCAD	Not yet implemented	no separate 3D line colors in walls, not supported by Revit					
02 Hatching style presentation													
walls_hatching_style_presentation_all_1	Export of walls with a wall material style that determines the presentation of wall (layer) hatching	ALLPLAN2006 Development Build	expected to be correct		Material layer styles not supported (only geometry styles)	Bottom two hatches missing	ERROR	Not yet implemented	OK, in Revit there is no separate background color for hatching, this will be missing				
03 Surface style presentation													
wall_with_SurfStyles_rev_1 [wall_clipped_rev_1_with_surf Styles]	Export of walls with a wall style that determines the presentation of wall surfaces	Revit	Some styles are not related to the correct element		Geometry OK	Geometry OK	material presentation information not implemented yet	Geometry OK material presentation information not implemented yet	material presentation information not implemented yet	Geometry OK, Problems with roof colour			Two roofs are missing, colours not supported
walls_surface_style_presentation_all_1	Export of walls with a wall material style that determines the presentation of wall surfaces	ALLPLAN2006 Development Build			Material layer styles not supported (only geometry styles)	Not yet implemented	OK	Not yet implemented	OK				
05 Combined presentation styles													
material_def_representation_all_1	export complete material presentation style information	ALLPLAN 2006.1 Development Build	syntax check > ERROR		Material layer styles not supported (only geometry styles)	Not yet implemented	OK, different layer volumes are not shown in 3D	Not yet implemented	OK, Revit shows the surfaces in 3D (different layer volumes are not shown in 3D)				

05 Test cases for Grid													
Name of test case	Test	Originator	Remark	Figure	Active 3d	Allplan	Archicad	Bentley	Revit	Solibri	Tekla	IcStoreyView	
grid_ac_1	Export of a design grid	ArchiCAD 9 IFC2x3 Utility Built 63015	syntax check > ERROR		OK	OK	OK	Annotation-Liness and ifcGrid supported For annotation-lines nearest matching to default line-style quite ok, but not 100%					