

Table of contents

Introduction

Testlist

Concepts

Introduction

GRAPHISOFT ArchiCAD 17

ArchiCAD supports all published IFC 2x3 model view definitions (MVDs) developed by buildingSMART and required from an architectural application. ArchiCAD can import and export IFC models based on the 'Coordination View 1.0', 'Coordination View 2.0' and 'Coordination View (Surface Geometry)' MVDs.

By supporting the 'IFC 2x3 Basic FM HandOver View', ArchiCAD is 100% COBie2-compliant. All currently available add-on views are also supported by ArchiCAD; these are the 'Quantity Take-off', the 'Space boundary' and the '2D Annotation' add-on views.

ArchiCAD supports the import and export of the following IFC 2x3 file formats: .ifc, .ifcXML and .ifcZIP.

Thanks to the ArchiCAD user interface, all IFC data (including IFC Attributes, Properties, Classification Reference data, Type Product entities, Assignments etc.) are integrated native data inside an ArchiCAD project. Not only the IFC 2x3 standard properties, but any custom property can be assigned to any ArchiCAD project element and element type. IFC data can be managed by element, in element settings dialogs, or at the level of the entire project (including the project hierarchy), using the IFC Manager.

All ArchiCAD's IFC skills and functions are described in the ArchiCAD Help documentation and from the following public site:
<http://www.graphisoft.com/downloads/addons/ifc/index.html>

Updates of IFC interface are available with the public ArchiCAD Hotfixes.

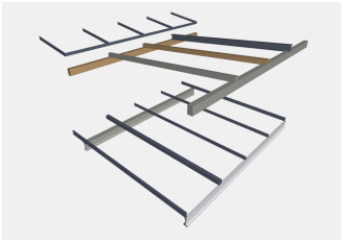
Testlist

Name test	concepts total	manually checked		
				
Beam_01 / 2x3	10	10		
Beam_03 / 2x3	6	5		
Column 01 / 2x3	11	11		
CoveringFurnishing-01 / 2x3	57	48	1	2
CurtainWall-01 / 2x3	29	25	1	1
Door 01 / 2x3	22	18	2	1
DuplexHouse_Electrical / 2x3	65	36	5	
Grid 01 / 2x3	11	3	1	7
Member 01A / 2x3	10	10		
Member_01S / 2x3	10	8		2
Pile 01 / 2x3	19	18		
PlateFastener-01 / 2x3	67	53		1
RampRailing-01 / 2x3	28	25	1	
RampSlab-01 / 2x3	18	18		
RandomArch-X3 RAC / 2x3	9	9		
RandomArch-X4 AC16 / 2x3	25	23	2	
RandomMEP-X2 BENCH / 2x3	21	4	6	
RandomMEP-X3 RME / 2x3	4	4		
RandomStruc-X2 Scia / 2x3	10	10		
Reinforcement-01 / 2x3	94	64		
Roof 01 / 2x3	15	11		1
Site 02 / 2x3	13	12		1
Slab 01S / 2x3	11	11		
Slab 02A / 2x3	24	18	3	
Space 01A / 2x3	12	11	1	
StairSlab-01 / 2x3	19	19		

Name test	concepts total	manually checked		
WallSlab 03 / 2x3	32	28	2	
WallStandardCase 02S / 2x3	11	10	1	
WallStandardCase 03A / 2x3	9	7	1	
Window 01 / 2x3	22	19	2	1

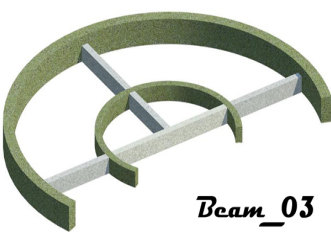
Concepts

Beam_01 / 2x3



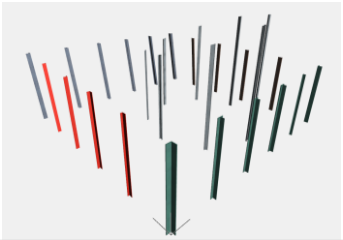
103 IfcBeam	company statement		Beam_01 / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		Beam_01 / 2x3
_G4 Remarks		■	

Beam_03 / 2x3



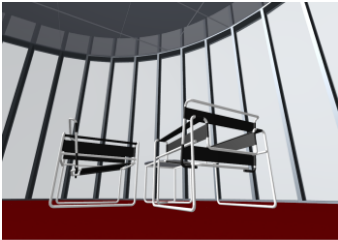
103 IfcBeam	company statement		Beam_03 / 2x3
030 Geometry			
030-1 Geometry Box		There is no testfile containing IfcBeam/GeometryBox but ArchiCAD supports this type of geometry.	
030-2 Geometry Axis			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid			
030-6-2 Geometry Clipping			
300 Type			
300-5 Type Property Set			
General	company statement		Beam_03 / 2x3
_G4 Remarks			

Column 01 / 2x3



104 IfcColumn	company statement		Column 01 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
040 Presentation			
040-1 Geometric Presentation	■		
040-2 Material Presentation	■		
050 CAD Layer	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
210 Property Set			
210-1 Property Set IFC Common	■		
General	company statement		Column 01 / 2x3
_G4 Remarks	■		

CoveringFurnishing-01 / 2x3



210 IfcFlowTerminal	company statement		CoveringFurnishing-01 / 2x3
001 GUIDs		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
120 Spatial Containment		■	
210 Property Set			
210-1 Property Set IFC Common		■	
210-6 Property Set IFC any		■	
210-9 Property Set User Defined		■	

300 Type	
300-1 Type Geometry	 only element geometry is imported
300-2 Type Naming	
300-3 Type Material	
300-5 Type Property Set	 There is no testfile containing IfcFlowTerminal/TypePropertySet but ArchiCAD supports this concept.
303 IfcCovering	<i>company statement</i> CoveringFurnishing-01 / 2x3
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	
030-6-9 Geometry Mapped	 There is no testfile containing IfcCovering/GeometryMapped but ArchiCAD supports this type of geometry.
040 Presentation	
040-1 Geometric Presentation	
050 CAD Layer	
070 Voiding	
120 Spatial Containment	
200 Material	
200-1 Single Material	
200-3 Material Layer Set	 Only one material can be assigned to an ArchiCAD object
210 Property Set	
210-1 Property Set IFC Common	

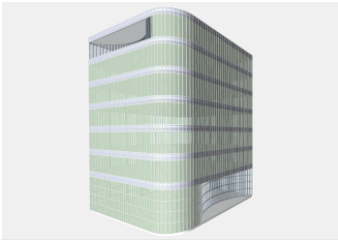
300 Type		
300-1 Type Geometry		only element geometry is imported
300-2 Type Naming		There is no testfile containing IfcCovering/TypeNaming but ArchiCAD supports this concept.
300-3 Type Material		There is no testfile containing IfcCovering/TypeMaterial but ArchiCAD supports this concept.
300-5 Type Property Set		There is no testfile containing IfcCovering/TypePropertySet but ArchiCAD supports this concept.
304 IfcFurnishingElement	company statement CoveringFurnishing-01 / 2x3	
001 GUIDs		
010 Naming		
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		
030-6-9 Geometry Mapped		
040 Presentation		
040-1 Geometric Presentation		
050 CAD Layer		
120 Spatial Containment		
200 Material		
200-1 Single Material		
200-5 Material List		Only one material can be assigned to an ArchiCAD object

210 Property Set		
210-6 Property Set IFC any	■	
210-9 Property Set User Defined	■	
300 Type		
300-1 Type Geometry	■	only element geometry is imported
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	There is no testfile containing IfcFurnishingElement/TypePropertySet but ArchiCAD supports this concept.
505 IfcSpace	company statement	
030 Geometry		
030-3 Geometry FootPrint	■	Footprint of space is no relevant data in ArchiCAD IFC import
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
120 Spatial Containment	■	
130 Grouping		
130-3 Grouping to Zones	■	
230 Classification	■	
508 IfcZone	company statement	
001 GUIDs	■	
002 History	■	
010 Naming	■	
130 Grouping		
130-5 Is Group	■	

210 Property Set	
210-1 Property Set IFC Common	■
210-9 Property Set User Defined	■
General	<i>company statement</i>
_G4 Remarks	■

CoveringFurnishing-01 / 2x3

CurtainWall-01 / 2x3

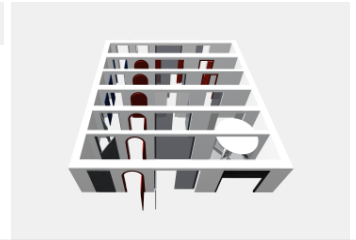


109 IfcCurtainWall	company statement		CurtainWall-01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-9 Geometry By Components		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
100 Element Aggregation			
100-2 Element Decomposition		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
200-5 Material List		■	Only one material can be assigned to an ArchiCAD object

210 Property Set		
210-1 Property Set IFC Common	■	
210-3 Property Set User Defined	■	
300 Type		
300-1 Type Geometry	■	only element geometry is imported
300-2 Type Naming	■	There is no testfile containing IfcCurtainWall/TypeNaming but ArchiCad supports this concept.
300-3 Type Material	■	
300-5 Type Property Set	■	There is no testfile containing IfcCurtainWall/TypePropertySet but ArchiCAD supports this concept.
501 IfcProject		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
502 IfcSite		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
060 Location		
060-1 Geographic Location	■	
060-2 Address	■	Only country and city can be saved in ArchiCAD site.
503 IfcBuilding		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
504 IfcBuildingStorey		<i>company statement</i> CurtainWall-01 / 2x3
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	

060 Location		
060-4 Storey Elevation	■	
210 Property Set		
210-1 Property Set IFC Common	■	
General	company statement	
		CurtainWall-01 / 2x3
_G4 Remarks	■	

Door 01 / 2x3



302 IfcDoor	company statement		Door 01 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-5 Geometry Profile	■	Irrelevant data in ArchiCAD IFC import	
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
050 CAD Layer	■	Doors are on the parent wall layer if it is in a wall	
080 Filling			
080-2 Is Filling	■		
120 Spatial Containment	■		

200 Material	
200-1 Single Material	■
200-5 Material List	■
Only one material can be assigned to an ArchiCAD door	
210 Property Set	
210-1 Property Set IFC Common	■
210-2 Property Set IFC any	■
210-3 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
only element geometry is imported	
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
There is no testfile containing IfcDoor/TypePropertySet but ArchiCAD supports this concept.	
300-6 Type Predefined Properties	
300-6-1 Type Predefined Properties Door	■
General	company statement
_G4 Remarks	■

DuplexHouse_Electrical / 2x3



204 IfcEnergyConversionDevice		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
100 Element Aggregation			
100-4 Port Assignment	■	supported in special cases only	
110 Connectivity			
110-5 Connectivity by Ports	■	supported in special cases only	
120 Spatial Containment	■		
130 Grouping			
130-2 Grouping to Systems	■		
300 Type			
300-1 Type Geometry	■	only element geometry is imported	
300-2 Type Naming	■		
205 IfcFlowController		company statement	DuplexHouse_Electrical / 2x3

010 Naming		
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		
030-6-9 Geometry Mapped		
100 Element Aggregation		
100-4 Port Assignment		supported in special cases only
110 Connectivity		
110-5 Connectivity by Ports		supported in special cases only
120 Spatial Containment		
130 Grouping		
130-2 Grouping to Systems		
300 Type		
300-1 Type Geometry		only element geometry is imported
300-2 Type Naming		
206 IfcFlowFitting	company statement DuplexHouse_Electrical / 2x3	
010 Naming		Supported in ArchiCAD, but couldn't test.
020 Placement		
020-2 Placement Relative		Supported in ArchiCAD, but couldn't test.

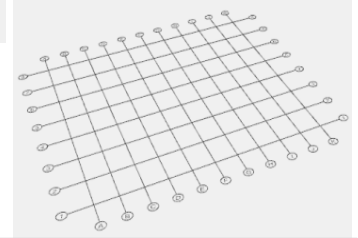
030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	Supported in ArchiCAD, but couldn't test.
030-6-9 Geometry Mapped	Supported in ArchiCAD, but couldn't test.
100 Element Aggregation	
100-4 Port Assignment	supported in special cases only
110 Connectivity	
110-5 Connectivity by Ports	supported in special cases only
120 Spatial Containment	Supported in ArchiCAD, but couldn't test.
130 Grouping	
130-2 Grouping to Systems	Supported in ArchiCAD, but couldn't test.
300 Type	
300-1 Type Geometry	only element geometry is imported
300-2 Type Naming	Supported in ArchiCAD, but couldn't test.
208 IfcFlowSegment	<i>company statement</i> <i>DuplexHouse_Electrical / 2x3</i>
010 Naming	Supported in ArchiCAD, but couldn't test.
020 Placement	
020-2 Placement Relative	Supported in ArchiCAD, but couldn't test.

030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	Supported in ArchiCAD, but couldn't test.
030-6-9 Geometry Mapped	Supported in ArchiCAD, but couldn't test.
040 Presentation	
040-1 Geometric Presentation	Supported in ArchiCAD, but couldn't test.
100 Element Aggregation	
100-4 Port Assignment	supported in special cases only
110 Connectivity	
110-5 Connectivity by Ports	supported in special cases only
120 Spatial Containment	Supported in ArchiCAD, but couldn't test.
130 Grouping	
130-2 Grouping to Systems	Supported in ArchiCAD, but couldn't test.
300 Type	
300-1 Type Geometry	only element geometry is imported
300-2 Type Naming	Supported in ArchiCAD, but couldn't test.
210 IfcFlowTerminal	<i>company statement</i> DuplexHouse_Electrical / 2x3
010 Naming	
020 Placement	
020-2 Placement Relative	

030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit	■	
030-6-9 Geometry Mapped	■	
040 Presentation		
040-1 Geometric Presentation	■	
050 CAD Layer	■	
100 Element Aggregation		
100-4 Port Assignment	■	supported in special cases only
110 Connectivity		
110-5 Connectivity by Ports	■	supported in special cases only
120 Spatial Containment	■	
130 Grouping		
130-2 Grouping to Systems	■	
210 Property Set		
210-1 Property Set IFC Common	■	
210-6 Property Set IFC any	■	
210-9 Property Set User Defined	■	Supported in ArchiCAD, but couldn't test.
300 Type		
300-1 Type Geometry	■	only element geometry is imported
300-2 Type Naming	■	
501 IfcProject		company statement DuplexHouse_Electrical / 2x3
010 Naming	■	
503 IfcBuilding		company statement DuplexHouse_Electrical / 2x3

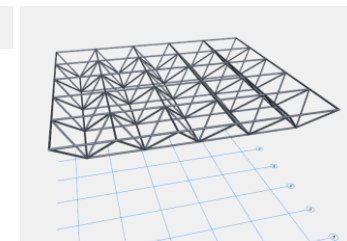
010 Naming	■		
504 IfcBuildingStorey		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
507 IfcSystem		company statement	DuplexHouse_Electrical / 2x3
010 Naming	■		
130 Grouping			
130-2 Grouping to Systems	■		
130-5 Is Group	■		
General		company statement	DuplexHouse_Electrical / 2x3
_G4 Remarks	■		

Grid 01 / 2x3



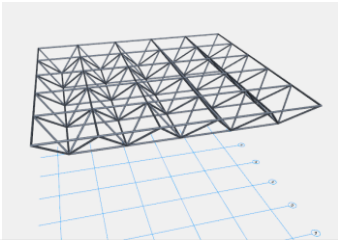
509 IfcGrid	company statement		Grid 01 / 2x3
001 GUIDs	■	IfcGrid is not shown in IFC Manager (there isn't grid in ArchiCAD)	
002 History	■	IfcGrid is not shown in IFC Manager (there isn't grid in ArchiCAD)	
010 Naming	■	IfcGrid is not shown in IFC Manager (there isn't grid in ArchiCAD)	
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-3 Geometry FootPrint	■	There isn't grid in ArchiCAD)	
040 Presentation			
040-1 Geometric Presentation	■	Curve color is not supported in ArchiCAD	
050 CAD Layer	■	GridAxis is placed on the IfcGrid layer ArchiCAD	
120 Spatial Containment	■	IfcGrid is not shown in IFC Manager (there isn't grid in ArchiCAD)	
210 Property Set			
210-3 Property Set User Defined	■	IfcGrid is not shown in IFC Manager (there isn't grid in ArchiCAD)	
270 Grid Usage			
270-1 Grid Axes	■		
General	company statement		Grid 01 / 2x3
_G4 Remarks	■		

Member_01S / 2x3



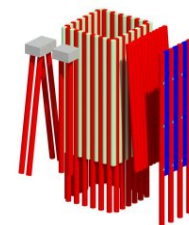
401 IfcMember	company statement		Member_01S / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
110 Connectivity			
110-1 Connectivity Basic	■	Irrelevant data in ArchiCAD IFC import	
110-3 Connectivity Realization			
110-3-1 Connectivity Realized	■	Irrelevant data in ArchiCAD IFC import	
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
300 Type			
300-1 Type Geometry	■	only element geometry is imported	
General	company statement		Member_01S / 2x3
_G4 Remarks	■		

Member 01A / 2x3



401 IfcMember	company statement		Member 01A / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
040 Presentation			
040-1 Geometric Presentation	■		
040-2 Material Presentation	■	Type object material is used if no associated to element	
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
300 Type			
300-1 Type Geometry	■	only element geometry is imported	
General	company statement		Member 01A / 2x3
_G4 Remarks	■		

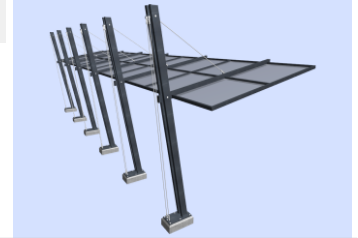
Pile 01 / 2x3



404 IfcPile	company statement		Pile 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
100 Element Aggregation			
100-2 Element Decomposition		■	There is no testfile containing IfcPile/ElementDecomposition but ArchiCad supports this concept.

120 Spatial Containment		
200 Material		
200-1 Single Material		
210 Property Set		
210-3 Property Set User Defined		
300 Type		
300-1 Type Geometry		only element geometry is imported
300-3 Type Material		
300-5 Type Property Set		
General		
company statement		Pile 01 / 2x3
_G4 Remarks		

PlateFastener-01 / 2x3



103 IfcBeam	company statement		PlateFastener-01 / 2x3
001 GUIDs			
002 History			
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid			
030-6-9 Geometry Mapped		There is no testfile containing IfcBeam/GeometryMapped but ArchiCAD supports this type of geometry.	
104 IfcColumn	company statement		PlateFastener-01 / 2x3
001 GUIDs			
002 History			
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid			
030-6-9 Geometry Mapped			
100 Element Aggregation			
100-2 Element Decomposition		There is no testfile containing IfcColumn/ElementDecomposition but ArchiCAD supports this concept.	
210 Property Set			
210-3 Property Set User Defined			

300 Type		
300-1 Type Geometry		only element geometry is imported
300-2 Type Naming		
300-3 Type Material		
300-5 Type Property Set		There is no testfile containing IfcColumn/TypePropertySet but ArchiCAD supports this concept.
401 IfcMember	company statement PlateFastener-01 / 2x3	
001 GUIDs		
002 History		
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
030-6-9 Geometry Mapped		
040 Presentation		
040-1 Geometric Presentation		
050 CAD Layer		
210 Property Set		
210-1 Property Set IFC Common		
210-3 Property Set User Defined		

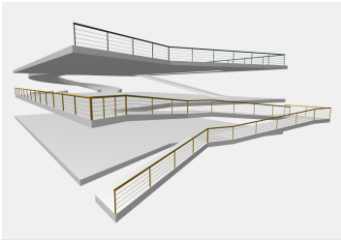
300 Type		
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	There is no testfile containing IfcMember/TypePropertySet but ArchiCAD supports this concept.
402 IfcPlate		
		<i>company statement</i> PlateFastener-01 / 2x3
001 GUIDs	■	
002 History	■	
010 Naming	■	
020 Placement		
020-2 Placement Relative	■	
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	There is no testfile containing IfcPlate/GeometryClipping but ArchiCAD supports this type of geometry.
030-6-2 Geometry Clipping	■	
030-6-5 Geometry Explicit	■	
040 Presentation		
040-1 Geometric Presentation	■	
050 CAD Layer	■	
070 Voiding		
070-3 Voiding Geometry SweptSolid	■	There is no testfile containing IfcPlate/VoidingGeometrySweptSolid but ArchiCAD supports this type of geometry.
120 Spatial Containment	■	

200 Material		
200-2 Material Layer Set		Only one material can be assigned to an ArchiCAD object
210 Property Set		
210-1 Property Set IFC Common		
210-3 Property Set User Defined		
300 Type		
300-1 Type Geometry		only element geometry is imported
300-2 Type Naming		
300-3 Type Material		
300-5 Type Property Set		There is no testfile containing IfcPlate/TypePropertySet but ArchiCAD supports this concept.
403 IfcFooting	company statement	
		PlateFastener-01 / 2x3
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		There is no testfile containing IfcFooting/GeometrySweptSolid but ArchiCAD supports this type of geometry.
030-6-2 Geometry Clipping		
405 IfcFastener	company statement	
		PlateFastener-01 / 2x3
010 Naming		
020 Placement		
020-2 Placement Relative		
030 Geometry		
030-2 Geometry Axis		There is no testfile containing IfcBeam/GeometryAxis but for ArchiCAD its not a relevant informationen
406 IfcMechanicalFastener	company statement	
		PlateFastener-01 / 2x3

001 GUIDs	
002 History	
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	 There is no testfile containing IfcMechanicalFastener/GeometrySweptSolid but ArchiCAD supports this type of geometry.
030-6-5 Geometry Explicit	 There is no testfile containing IfcMechanicalFastener/GeometryExplicit but ArchiCAD supports this type of geometry.
030-6-9 Geometry Mapped	
040 Presentation	
040-1 Geometric Presentation	
050 CAD Layer	
120 Spatial Containment	
200 Material	
200-1 Single Material	 There is no testfile containing IfcMechanicalFastener/SingleMaterial but ArchiCAD supports this concept.
210 Property Set	
210-6 Property Set IFC any	
210-9 Property Set User Defined	 There is no testfile containing IfcMechanicalFastener/PropertySetUserDefined but ArchiCAD supports this concept.

300 Type	
300-1 Type Geometry	only element geometry is imported
300-2 Type Naming	
300-3 Type Material	
300-5 Type Property Set	There is no testfile containing IfcMechanicalFastener/TypePropertySet but ArchiCAD supports this concept.
General	company statement PlateFastener-01 / 2x3
_G4 Remarks	

RampRailing-01 / 2x3

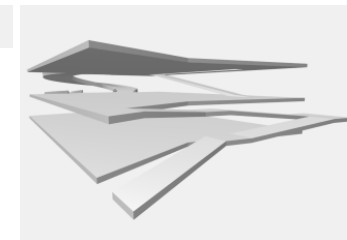


107 IfcRamp	company statement		RampRailing-01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-9 Geometry By Components		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
100 Element Aggregation			
100-2 Element Decomposition		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	

210 Property Set	
210-1 Property Set IFC Common	■
210-3 Property Set User Defined	■
108 IfcRailing	<i>company statement</i> <i>RampRailing-01 / 2x3</i>
001 GUIDs	■
002 History	■
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■ There is no testfile containing IfcRailing/GeometrySweptSolid but ArchiCAD supports this type of geometry.
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■ There is no testfile containing IfcRailing/GeometryMapped but ArchiCAD supports this type of geometry.
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
200-5 Material List	■ Only one material can be assigned to an ArchiCAD object

210 Property Set	
210-1 Property Set IFC Common	
210-3 Property Set User Defined	
General	company statement RampRailing-01 / 2x3
_G4 Remarks	

RampSlab-01 / 2x3



105 IfcSlab	company statement		RampSlab-01 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
107 IfcRamp	company statement		RampSlab-01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-9 Geometry By Components		■	

040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
100 Element Aggregation	
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-1 Property Set IFC Common	■
210-3 Property Set User Defined	■
General	company statement
_G4 Remarks	■

RampSlab-01 / 2x3

RandomArch-X3 RAC / 2x3

101 IfcWallStandardCase		company statement	RandomArch-X3 RAC / 2x3
020 Placement			
020-2 Placement Relative	■		
102 IfcWall		company statement	RandomArch-X3 RAC / 2x3
020 Placement			
020-2 Placement Relative	■		
105 IfcSlab		company statement	RandomArch-X3 RAC / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
110 IfcRoof		company statement	RandomArch-X3 RAC / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
111 IfcBuildingElementProxy		company statement	RandomArch-X3 RAC / 2x3
010 Naming	■		
503 IfcBuilding		company statement	RandomArch-X3 RAC / 2x3
010 Naming	■		
General		company statement	RandomArch-X3 RAC / 2x3
_G4 Remarks	■		

RandomArch-X4 AC16 / 2x3

101 IfcWallStandardCase	company statement		RandomArch-X4 AC16 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
050 CAD Layer		■	
070 Voiding			
070-1 Voiding Geometry SweptSolid		■	
080 Filling			
081 Has Filling			
081-1 Has Filling Door		■	
081-2 Has Filling Window		■	
105 IfcSlab	company statement		RandomArch-X4 AC16 / 2x3
001 GUIDs		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-3 Voiding Geometry SweptSolid		■	

080 Filling		
080-1 Has Filling		
080-1-2 Has Filling Window	■	
301 IfcWindow	company statement RandomArch-X4 AC16 / 2x3	
001 GUIDs	■	
002 History	■	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-9 Geometry Mapped	■	
050 CAD Layer	■	Windows are on the parent wall layer if it is in a wall
300 Type		
300-2 Type Naming	■	
302 IfcDoor	company statement RandomArch-X4 AC16 / 2x3	
001 GUIDs	■	
002 History	■	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-9 Geometry Mapped	■	
050 CAD Layer	■	Doors are on the parent wall layer if it is in a wall
300 Type		
300-2 Type Naming	■	
General	company statement RandomArch-X4 AC16 / 2x3	

_G4 Remarks	
-------------	---

RandomMEP-X2 BENCH / 2x3

206 IfcFlowFitting	company statement		RandomMEP-X2 BENCH / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-9 Geometry Mapped			
100 Element Aggregation			
100-4 Port Assignment		Connection is stored in special cases only.	
110 Connectivity			
110-5 Connectivity by Ports		Connection is stored in special cases only.	
207 IfcFlowMovingDevice	company statement		RandomMEP-X2 BENCH / 2x3
010 Naming		Supported in ArchiCAD, but couldn't test.	
020 Placement			
020-2 Placement Relative		Supported in ArchiCAD, but couldn't test.	
030 Geometry			
030-6 Geometry Body			
030-6-5 Geometry Explicit		Supported in ArchiCAD, but couldn't test.	
030-6-9 Geometry Mapped		Supported in ArchiCAD, but couldn't test.	
040 Presentation			
040-1 Geometric Presentation		Supported in ArchiCAD, but couldn't test.	

050 CAD Layer	 Supported in ArchiCAD, but couldn't test.
100 Element Aggregation	
100-4 Port Assignment	 Connection is stored in special cases only.
110 Connectivity	
110-5 Connectivity by Ports	 Connection is stored in special cases only.
120 Spatial Containment	 Supported in ArchiCAD, but couldn't test.
200 Material	
200-1 Single Material	 Supported in ArchiCAD, but couldn't test.
210 Property Set	
210-9 Property Set User Defined	 Supported in ArchiCAD, but couldn't test.
208 IfcFlowSegment	<i>company statement</i> <i>RandomMEP-X2 BENCH / 2x3</i>
030 Geometry	
030-6 Geometry Body	
030-6-9 Geometry Mapped	
100 Element Aggregation	
100-4 Port Assignment	 Connection is stored in special cases only.
110 Connectivity	
110-5 Connectivity by Ports	 Connection is stored in special cases only.
210 IfcFlowTerminal	<i>company statement</i> <i>RandomMEP-X2 BENCH / 2x3</i>
030 Geometry	
030-6 Geometry Body	
030-6-9 Geometry Mapped	

100 Element Aggregation		
100-4 Port Assignment		Connection is stored in special cases only.
110 Connectivity		
110-5 Connectivity by Ports		Connection is stored in special cases only.
General	company statement	
	RandomMEP-X2 BENCH / 2x3	
_G4 Remarks		

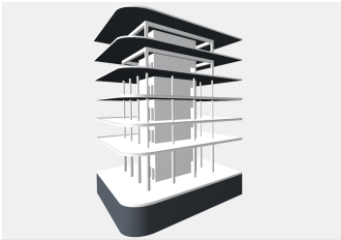
RandomMEP-X3 RME / 2x3

506 IfcGroup		company statement	RandomMEP-X3 RME / 2x3
001 GUIDs	■		
010 Naming	■		
130 Grouping			
130-5 Is Group	■		
General		company statement	RandomMEP-X3 RME / 2x3
_G4 Remarks	■		

RandomStruc-X2 Scia / 2x3

411 IfcTendon	company statement		RandomStruc-X2 Scia / 2x3
001 GUIDs			
002 History			
010 Naming			
020 Placement			
020-2 Placement Relative			
030 Geometry			
030-6 Geometry Body			
030-6-4 Geometry AdvancedSweptSolid			
040 Presentation			
040-1 Geometric Presentation			
050 CAD Layer			
120 Spatial Containment			
200 Material			
200-1 Single Material			
General	company statement		RandomStruc-X2 Scia / 2x3
_G4 Remarks		All models look correct	

Reinforcement-01 / 2x3



101 IfcWallStandardCase	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
120 Spatial Containment	■		
103 IfcBeam	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
120 Spatial Containment	■		
104 IfcColumn	company statement		Reinforcement-01 / 2x3
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		

120 Spatial Containment		
105 IfcSlab	company statement	
020 Placement		Reinforcement-01 / 2x3
020-2 Placement Relative		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
120 Spatial Containment		
403 IfcFooting	company statement	
010 Naming		Reinforcement-01 / 2x3
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
040 Presentation		
040-1 Geometric Presentation		
050 CAD Layer		
120 Spatial Containment		
210 Property Set		
210-3 Property Set User Defined		Supported in ArchiCAD, but couldn't test.
407 IfcDiscreteAccessory	company statement	
001 GUIDs		Supported in ArchiCAD, but couldn't test.
010 Naming		Supported in ArchiCAD, but couldn't test.
020 Placement		
020-2 Placement Relative		Supported in ArchiCAD, but couldn't test.

030 Geometry		
030-6 Geometry Body		
030-6-5 Geometry Explicit		Supported in ArchiCAD, but couldn't test.
030-6-9 Geometry Mapped		Supported in ArchiCAD, but couldn't test.
040 Presentation		
040-1 Geometric Presentation		Supported in ArchiCAD, but couldn't test.
050 CAD Layer		Supported in ArchiCAD, but couldn't test.
120 Spatial Containment		Supported in ArchiCAD, but couldn't test.
200 Material		
200-1 Single Material		Supported in ArchiCAD, but couldn't test.
210 Property Set		
210-9 Property Set User Defined		Supported in ArchiCAD, but couldn't test.
300 Type		
300-1 Type Geometry		only element geometry is imported
300-2 Type Naming		Supported in ArchiCAD, but couldn't test.
300-3 Type Material		Type object material is used if no associated to element
300-5 Type Property Set		Supported in ArchiCAD, but couldn't test.
408 IfcElementAssembly	company statement	
001 GUIDs		
010 Naming		

020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-9 Geometry By Components	
040 Presentation	
040-1 Geometric Presentation	
050 CAD Layer	
100 Element Aggregation	
100-2 Element Decomposition	
120 Spatial Containment	
210 Property Set	
210-9 Property Set User Defined	Supported in ArchiCAD, but couldn't test.
409 IfcReinforcingBar	company statement Reinforcement-01 / 2x3
001 GUIDs	
010 Naming	
020 Placement	
020-2 Placement Relative	
030 Geometry	
030-6 Geometry Body	
030-6-4 Geometry AdvancedSweptSolid	
030-6-5 Geometry Explicit	Supported in ArchiCAD, but couldn't test.
030-6-9 Geometry Mapped	

040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-9 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
410 IfcReinforcingMesh	<i>company statement</i>
001 GUIDs	■
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-4 Geometry AdvancedSweptSolid	■
030-6-5 Geometry Explicit	■
030-6-9 Geometry Mapped	■

Import is correct but the TypeInformation is transfered to the objects

Supported in ArchiCAD, but couldn't test.

Type object material is used if no associated to element

Supported in ArchiCAD, but couldn't test.

Reinforcement-01 / 2x3

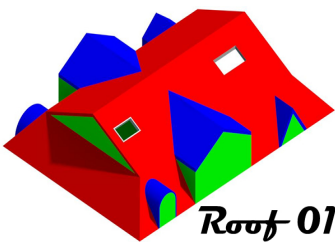
Supported in ArchiCAD, but couldn't test.

040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-9 Property Set User Defined	■ Supported in ArchiCAD, but couldn't test.
300 Type	
300-1 Type Geometry	■ only element geometry is imported
300-2 Type Naming	■ Supported in ArchiCAD, but couldn't test.
300-3 Type Material	■ Type object material is used if no associated to element
300-5 Type Property Set	■ Supported in ArchiCAD, but couldn't test.
501 IfcProject	<i>company statement</i> Reinforcement-01 / 2x3
001 GUIDs	■
002 History	■
005 Project Units	
005-1 Project Metric Units	■
008 Representation Context	
008-1 Representation Main Context	■
008-2 Representation Sub Context	
008-2-2 Representation Sub Context 3D	■
010 Naming	■

150 Spatial Aggregation		
150-2 Spatial Decomposition		
503 IfcBuilding	<i>company statement</i>	
		<i>Reinforcement-01 / 2x3</i>
001 GUIDs		
002 History		Supported in ArchiCAD, but couldn't test.
010 Naming		
020 Placement		
020-1 Placement Absolute		
060 Location		
060-2 Address		
150 Spatial Aggregation		
150-1 Spatial Composition		
150-2 Spatial Decomposition		
504 IfcBuildingStorey	<i>company statement</i>	
		<i>Reinforcement-01 / 2x3</i>
001 GUIDs		
002 History		Supported in ArchiCAD, but couldn't test.
010 Naming		
020 Placement		
020-2 Placement Relative		
060 Location		
060-4 Storey Elevation		
120 Spatial Containment		

150 Spatial Aggregation		
150-1 Spatial Composition	■	
150-2 Spatial Decomposition	■	
General	company statement	
_G4 Remarks	■	
Reinforcement-01 / 2x3		

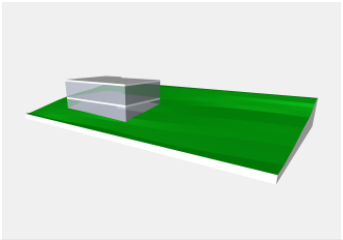
Roof 01 / 2x3



101 IfcWallStandardCase	company statement		Roof 01 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
105 IfcSlab	company statement		Roof 01 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■	There is no testfile containing IfcSlab/GeometrySweptSolid but ArchiCAD supports this type of geometry.	
030-6-2 Geometry Clipping	■	There is no testfile containing IfcSlab/GeometryClipping but ArchiCAD supports this type of geometry.	
030-6-9 Geometry Mapped	■	There is no testfile containing IfcSlab/GeometryMapped but ArchiCAD supports this type of geometry.	
070 Voiding			
070-3 Voiding Geometry SweptSolid	■		
080 Filling			
080-1 Has Filling			
080-1-2 Has Filling Window	■		
200 Material			
200-2 Material Layer Set	■		

110 IfcRoof	company statement		Roof 01 / 2x3
030 Geometry			
030-1 Geometry Box		body geometry is imported	
040 Presentation			
040-1 Geometric Presentation			
040-2 Material Presentation			
100 Element Aggregation			
100-2 Element Decomposition			
120 Spatial Containment			
200 Material			
200-1 Single Material			
General	company statement		Roof 01 / 2x3
_G4 Remarks			

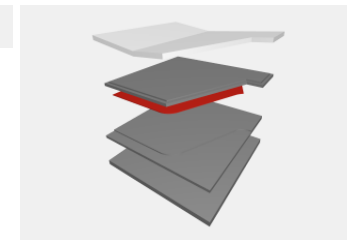
Site 02 / 2x3



502 IfcSite	company statement		Site 02 / 2x3
010 Naming	■		
020 Placement			
020-1 Placement Absolute	■		
030 Geometry			
030-3 Geometry FootPrint	■	Irrelevant data in ArchiCAD IFC import	
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
150-2 Spatial Decomposition	■		
210 Property Set			
210-9 Property Set User Defined	■		
503 IfcBuilding	company statement		Site 02 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
150-2 Spatial Decomposition	■		

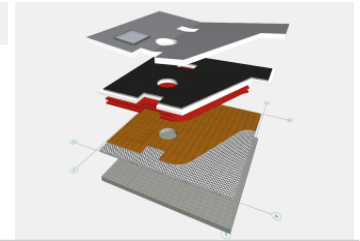
210 Property Set		
210-1 Property Set IFC Common		
General	<i>company statement</i>	Site 02 / 2x3
_G4 Remarks		

Slab 01S / 2x3



105 IfcSlab	company statement		Slab 01S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
200 Material			
200-2 Material Layer Set		■	
200-3 Material Layer Usage		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		Slab 01S / 2x3
_G4 Remarks		■	

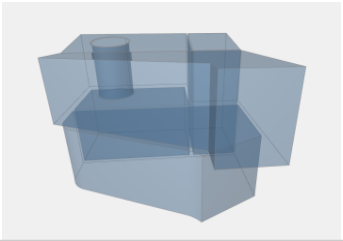
Slab 02A / 2x3



105 IfcSlab	company statement		Slab 02A / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-1 Geometry Box	■	In general case it becomes object in ArchiCAD	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■	There is no testfile containing IfcSlab/GeometryClipping but ArchiCAD supports this type of geometry.	
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■	In general case it becomes object in ArchiCAD	
070 Voiding			
070-1 Voiding Geometry Explicit	■		
070-2 Voiding Geometry Mapped	■		
070-3 Voiding Geometry SweptSolid	■		

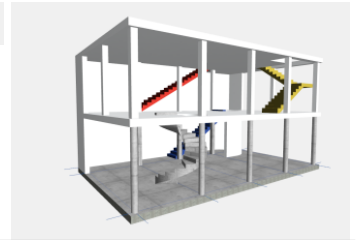
080 Filling	
080-1 Has Filling	
080-1-1 Has Filling Door	 In general case it becomes object in ArchiCAD with Door IFC type
080-1-2 Has Filling Window	 In general case it becomes object in ArchiCAD with Window IFC type
120 Spatial Containment	
130 Grouping	
130-1 Grouping General	
200 Material	
200-1 Single Material	
200-2 Material Layer Set	
210 Property Set	
210-1 Property Set IFC Common	
210-2 Property Set IFC any	
210-3 Property Set User Defined	
300 Type	
300-1 Type Geometry	 only element geometry is imported
300-2 Type Naming	
300-3 Type Material	
300-5 Type Property Set	
General	<i>company statement</i>
_G4 Remarks	

Space 01A / 2x3



505 IfcSpace	company statement		Space 01A / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
040 Presentation			
040-1 Geometric Presentation	■	Space has not own surface color.	
050 CAD Layer	■		
150 Spatial Aggregation			
150-1 Spatial Composition	■		
210 Property Set			
210-1 Property Set IFC Common	■		
210-6 Property Set IFC any	■		
General	company statement		Space 01A / 2x3
_G4 Remarks	■		

StairSlab-01 / 2x3

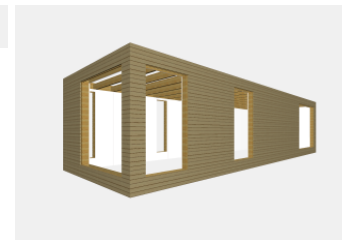


105 IfcSlab	company statement		StairSlab-01 / 2x3
001 GUIDs	■		
002 History	■		
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
040 Presentation			
040-1 Geometric Presentation	■		
040-2 Material Presentation	■		
070 Voiding			
070-3 Voiding Geometry SweptSolid	■		
106 IfcStair	company statement		StairSlab-01 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-1 Placement Relative	■		

030 Geometry	
030-6 Geometry Body	
030-6-5 Geometry Explicit	■
030-9 Geometry By Components	■
040 Presentation	
040-1 Geometric Presentation	■
050 CAD Layer	■
100 Element Aggregation	
100-2 Element Decomposition	■
120 Spatial Containment	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-1 Property Set IFC Common	■
General	<i>company statement</i>
_G4 Remarks	■

StairSlab-01 / 2x3

WallSlab 03 / 2x3

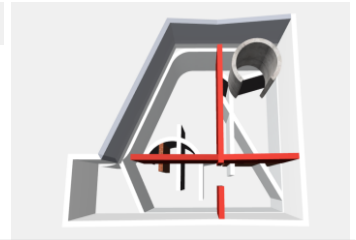


102 IfcWall	company statement	WallSlab 03 / 2x3
010 Naming	■	
020 Placement 020-2 Placement Relative	■	
030 Geometry 030-9 Geometry By Components	■ Importing a complex wall will be object in general case.	
070 Voiding 070-3 Voiding Geometry SweptSolid	■	
100 Element Aggregation 100-2 Element Decomposition	■	
210 Property Set 210-1 Property Set IFC Common	■	
105 IfcSlab	company statement	WallSlab 03 / 2x3
010 Naming	■	
020 Placement 020-2 Placement Relative	■	
030 Geometry 030-9 Geometry By Components	■ There is no testfile containing IfcSlab/GeometryByComponents but ArchiCAD supports this type of geometry.	

100 Element Aggregation		
100-2 Element Decomposition		There is no testfile containing IfcSlab/ElementDecomposition but ArchiCAD supports this type of geometry.
501 IfcProject	company statement	
		WallSlab 03 / 2x3
001 GUIDs		
002 History		
005 Project Units		
005-1 Project Metric Units		
008 Representation Context		
008-1 Representation Main Context		
008-2 Representation Sub Context		
008-2-2 Representation Sub Context 3D		
010 Naming		
150 Spatial Aggregation		
150-2 Spatial Decomposition		
503 IfcBuilding	company statement	
		WallSlab 03 / 2x3
001 GUIDs		
002 History		
010 Naming		
020 Placement		
020-1 Placement Absolute		Building position is not shown in ArchiCAD.
150 Spatial Aggregation		
150-1 Spatial Composition		
150-2 Spatial Decomposition		
504 IfcBuildingStorey	company statement	
		WallSlab 03 / 2x3

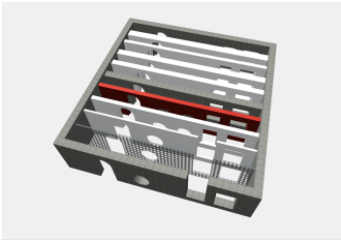
001 GUIDs		
002 History		
010 Naming		
020 Placement		
020-2 Placement Relative		
150 Spatial Aggregation		
150-1 Spatial Composition		
150-2 Spatial Decomposition		
505 IfcSpace	<i>company statement</i>	WallSlab 03 / 2x3
010 Naming		
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid		
General	<i>company statement</i>	WallSlab 03 / 2x3
_G4 Remarks		

WallStandardCase 02S / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 02S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-1 Property Set IFC Common		■	
General	company statement		WallStandardCase 02S / 2x3
_G4 Remarks		■	

WallStandardCase 03A / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 03A / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-2 Geometry Axis	■		
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
070 Voiding			
070-1 Voiding Geometry SweptSolid	■		
070-2 Voiding Geometry Explicit	■	Brep opening becomes CSG in ArchiCAD	
070-3 Voiding Geometry Mapped	■	Supported	
120 Spatial Containment	■		
General	company statement		WallStandardCase 03A / 2x3
_G4 Remarks	■		

Window 01 / 2x3



301 IfcWindow	company statement		Window 01 / 2x3
001 GUIDs	■		
002 History	■		
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-5 Geometry Profile	■	Irrelevant data in ArchiCAD IFC import	
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
050 CAD Layer	■	Windows are on the parent wall layer if it is in a wall	
080 Filling			
080-2 Is Filling	■		
120 Spatial Containment	■		

200 Material		
200-1 Single Material	■	
200-5 Material List	■	Only one material can be assigned to an ArchiCAD window
210 Property Set		
210-1 Property Set IFC Common	■	
210-2 Property Set IFC any	■	
210-3 Property Set User Defined	■	
300 Type		
300-1 Type Geometry	■	only element geometry is imported
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
300-6 Type Predefined Properties		
300-6-1 Type Predefined Properties Window	■	
General		company statement
_G4 Remarks	■	