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Concepts

Introduction

STR Vision CPM is an advanced flexible software for architects and engineers, construction and specialized firms, public companies and general contractors, to manage estimation, safety, accounting, job planning, advanced cost control.

STR Vision CPM interface allow users to manage data in grids, similar to a spreadsheet, using advanced filters and custom fields. Thanks to its modular architecture, STR Vision CPM enables users to customize their platform activating only the modules needed.

STR Vision CPM also manage pricelists, price analyses, generate work maintenance plans, prepare Safety plans and special Tender specifications, keep a daily Jobs journal and extract data reports using the integrated business intelligence tool.

STR Vision CPM allows users to interoperate in BIM process reading IFC standard with a very useful BIM viewer. By Quantity Take Off module users can estimate more efficiently using 3D model information, manage scheduling integrated with 3D model (4D) and retrieve cost information through the model (5D).

Moreover, STR Vision CPM is bidirectionally integrated with Microsoft Project and Oracle Primavera and with international ERP system like SAP, Microsoft, Dynamics and many others.

Testlist

Name test	concepts total	manually checked		
				
BeamColumn 04 / 2x3	47	47		
Beam_01 / 2x3	10	9	1	
Beam_02 / 2x3	12	12		
Beam_03 / 2x3	6	5		1
Column 01 / 2x3	11	10	1	
Column_02 / 2x3	6	6		
Door 01 / 2x3	22	22		
Grid 01 / 2x3	11	11		
Member 01A / 2x3	10	10		
Roof 01 / 2x3	15	14		1
Site 01 / 2x3	14	12		2
Slab 01A / 2x3	9	8	1	
Slab 01S / 2x3	11	10	1	
Slab 02A / 2x3	24	23		1
Slab 02S / 2x3	22	21		1
Space 01A / 2x3	12	12		
StairSlab-01 / 2x3	19	18	1	
UnitTest-01S / 2x3	3	3		
Wall 01 / 2x3	19	19		
Wall 02 / 2x3	14	13	1	
WallSlab 03 / 2x3	32	32		
WallStandardCase 01A / 2x3	15	15		
WallStandardCase 01S / 2x3	15	15		
WallStandardCase 02A / 2x3	11	11		
WallStandardCase 02S / 2x3	11	11		
WallStandardCase 03A / 2x3	9	8	1	



Supported



Restricted

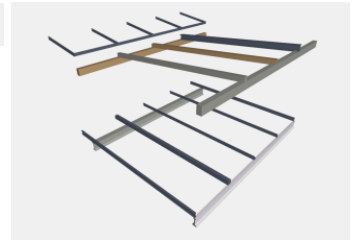


Not Supported

Name test	concepts total	manually checked		
WallStandardCase 03S / 2x3	8	7	1	
WallStandardCase 04A / 2x3	8	8		
WallStandardCase 04S / 2x3	7	7		
Window 01 / 2x3	22	22		

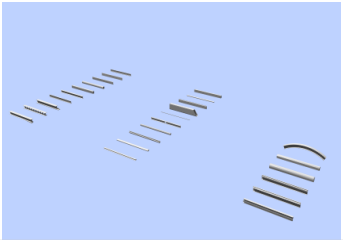
Concepts

Beam_01 / 2x3



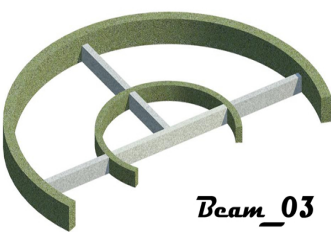
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010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
120 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_02 / 2x3



103 IfcBeam	company statement		Beam_02 / 2x3
010 Naming	■		
030 Geometry			
030-2 Geometry Axis	■		
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-2 Geometry Clipping	■		
030-6-5 Geometry Explicit	■		
050 CAD Layer	■		
070 Voiding			
070-1 Voiding Geometry Explicit	■		
070-2 Voiding Geometry Mapped	■		
070-3 Voiding Geometry SweptSolid	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
General	company statement		Beam_02 / 2x3
_G4 Remarks	■		

Beam_03 / 2x3



103 IfcBeam	company statement		Beam_03 / 2x3
030 Geometry			
030-1 Geometry Box		Not Supported	
030-2 Geometry Axis		Supported	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		Supported	
030-6-2 Geometry Clipping		Supported	
300 Type			
300-5 Type Property Set		Supported	
General	company statement		Beam_03 / 2x3
_G4 Remarks		Supported	

BeamColumn 04 / 2x3



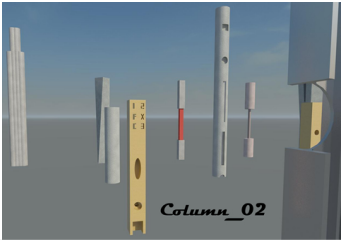
103 IfcBeam	company statement		BeamColumn 04 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-9 Geometry Mapped		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-2 Voiding Geometry Mapped		■	
070-3 Voiding Geometry SweptSolid		■	
130 Grouping			
130-1 Grouping General		■	
200 Material			
200-1 Single Material		■	

210 Property Set	
210-1 Property Set IFC Common	■
210-3 Property Set User Defined	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
104 IfcColumn	<i>company statement</i>
001 GUIDs	■
002 History	■
010 Naming	■
020 Placement	
020-2 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-9 Geometry Mapped	■
070 Voiding	
070-1 Voiding Geometry Explicit	■
070-2 Voiding Geometry Mapped	■
070-3 Voiding Geometry SweptSolid	■
130 Grouping	
130-1 Grouping General	■

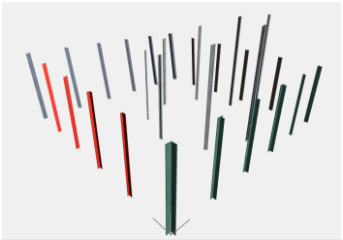
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200-1 Single Material	■
210 Property Set	
210-2 Property Set IFC any	■
300 Type	
300-1 Type Geometry	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
403 IfcFooting	<i>company statement</i> <i>BeamColumn 04 / 2x3</i>
001 GUIDs	■
002 History	■
010 Naming	■
020 Placement	
020-1 Placement Relative	■
030 Geometry	
030-6 Geometry Body	
030-6-1 Geometry SweptSolid	■
030-6-9 Geometry Mapped	■
130 Grouping	
130-1 Grouping General	■
200 Material	
200-1 Single Material	■
210 Property Set	
210-2 Property Set IFC any	■

300 Type		
300-1 Type Geometry	■	
300-2 Type Naming	■	
300-3 Type Material	■	
300-5 Type Property Set	■	
General	company statement	
_G4 Remarks	■	

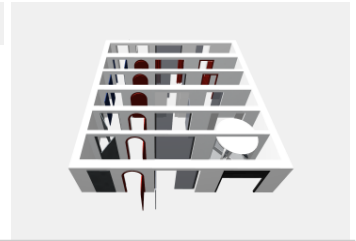
Column_02 / 2x3



104 IfcColumn	company statement		Column_02 / 2x3
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
030-6-5 Geometry Explicit	■		
070 Voiding			
070-1 Voiding Geometry Explicit	■		
070-2 Voiding Geometry Mapped	■		
070-3 Voiding Geometry SweptSolid	■		
General	company statement		Column_02 / 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		■	

Door 01 / 2x3

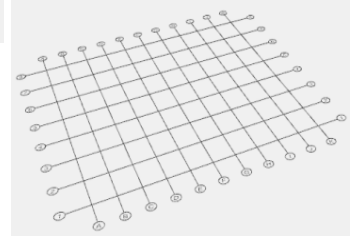


302 IfcDoor	company statement		Door 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-5 Geometry Profile		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
080 Filling			
080-2 Is Filling		■	
120 Spatial Containment		■	
200 Material			
200-1 Single Material		■	
200-5 Material List		■	

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	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
300-6 Type Predefined Properties	
300-6-1 Type Predefined Properties Door	■
General	company statement
_G4 Remarks	■

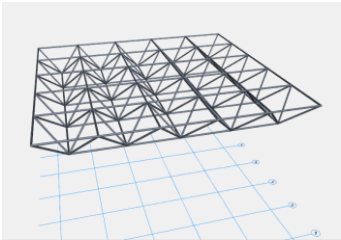
Door 01 / 2x3

Grid 01 / 2x3



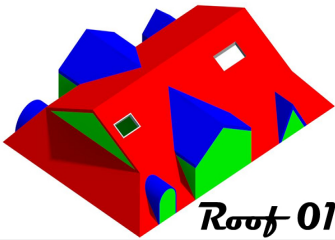
509 IfcGrid		company statement	Grid 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-3 Geometry FootPrint		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
120 Spatial Containment		■	
210 Property Set			
210-3 Property Set User Defined		■	
270 Grid Usage			
270-1 Grid Axes		■	
General		company statement	Grid 01 / 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	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
300 Type			
300-1 Type Geometry	■		
General	company statement		Member 01A / 2x3
_G4 Remarks	■		

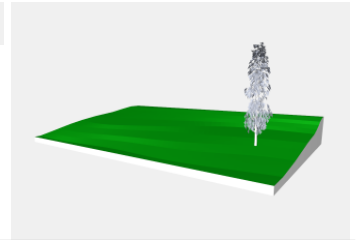
Roof 01 / 2x3



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		■	
030-6-2 Geometry Clipping		■	
030-6-9 Geometry Mapped		■	
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		■	

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
_G4 Remarks	■

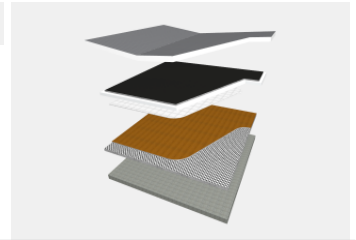
Site 01 / 2x3



502 IfcSite	company statement		Site 01 / 2x3
001 GUIDs		■	
002 History		■	
010 Naming		■	
020 Placement			
020-1 Placement Absolute		■	
030 Geometry			
030-1 Geometry Box		■	
030-3 Geometry FootPrint		■	
030-6 Geometry Body			
030-6-5 Geometry Explicit		■	
040 Presentation			
040-1 Geometric Presentation		■	
050 CAD Layer		■	
060 Location			
060-1 Geographic Location		■	
060-2 Address		■	
120 Spatial Containment		■	
210 Property Set			
210-1 Property Set IFC Common		■	

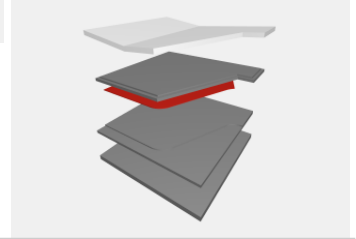
General	company statement	Site 01 / 2x3
_G4 Remarks		

Slab 01A / 2x3



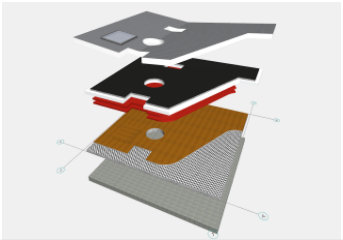
105 IfcSlab	company statement		Slab 01A / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
200 Material			
200-2 Material Layer Set		■	
200-3 Material Layer Usage		■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

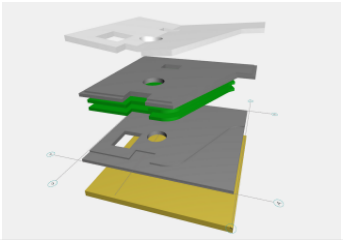
Slab 02A / 2x3



105 IfcSlab	company statement		Slab 02A / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-1 Geometry Box		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
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		■	
080-1-2 Has Filling Window		■	
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	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
General	company statement
Slab 02A / 2x3	
_G4 Remarks	■

Slab 02S / 2x3

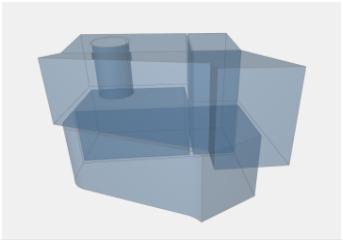


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010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-1 Geometry Box		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
030-6-5 Geometry Explicit		■	
030-6-9 Geometry Mapped		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-2 Voiding Geometry Mapped		■	
070-3 Voiding Geometry SweptSolid		■	
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	■
300-2 Type Naming	■
300-3 Type Material	■
300-5 Type Property Set	■
General	<i>company statement</i>
<i>_G4 Remarks</i>	■

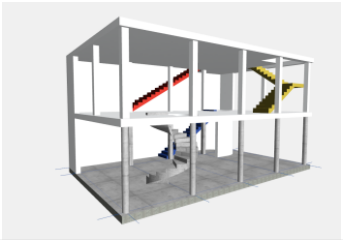
Slab 02S / 2x3

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		■	
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

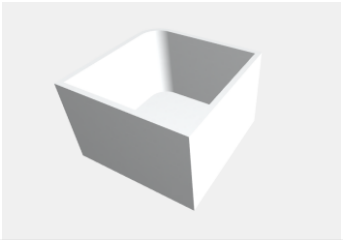


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001 GUIDs		■	
002 History		■	
030 Geometry			
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-3 Voiding Geometry SweptSolid		■	
106 IfcStair	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	company statement
_G4 Remarks	■

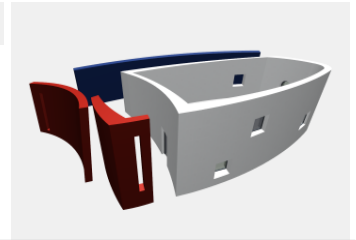
StairSlab-01 / 2x3

UnitTest-01S / 2x3



501 IfcProject	company statement		UnitTest-01S / 2x3
005 Project Units			
005-1 Project Metric Units	■		
005-2 Project Imperial Units	■		
General	company statement		UnitTest-01S / 2x3
_G4 Remarks	■		

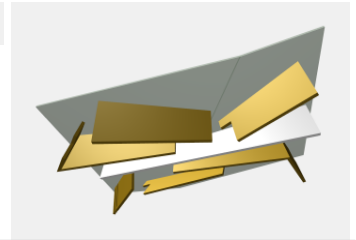
Wall 01 / 2x3



102 IfcWall	company statement		Wall 01 / 2x3
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		■	
030-6-5 Geometry Explicit		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-3 Voiding Geometry SweptSolid		■	
080 Filling			
080-1 Has Filling			
080-1-1 Has Filling Door		■	
080-1-2 Has Filling Window		■	

200 Material		
200-1 Single Material	■	
210 Property Set		
210-1 Property Set IFC Common	■	
300 Type		
300-3 Type Material	■	
300-5 Type Property Set	■	
301 IfcWindow		company statement Wall 01 / 2x3
020 Placement		
020-2 Placement Relative	■	
302 IfcDoor		company statement Wall 01 / 2x3
020 Placement		
020-2 Placement Relative	■	
General		company statement Wall 01 / 2x3
_G4 Remarks	■	

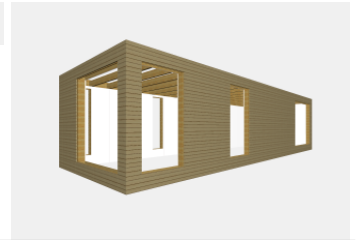
Wall 02 / 2x3



102 IfcWall	company statement		Wall 02 / 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		■	
030-6-5 Geometry Explicit		■	
050 CAD Layer		■	
070 Voiding			
070-1 Voiding Geometry Explicit		■	
070-3 Voiding Geometry SweptSolid		■	
120 Spatial Containment		■	
130 Grouping			
130-1 Grouping General		■	
200 Material			
200-3 Material Layer Set		■	

300 Type		
300-2 Type Naming	■	
General		company statement
_G4 Remarks	■	

WallSlab 03 / 2x3

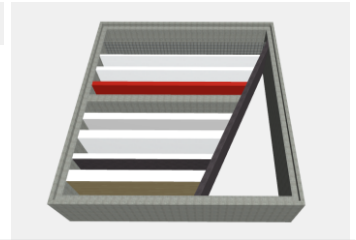


102 IfcWall	company statement		WallSlab 03 / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-9 Geometry By Components	■		
070 Voiding			
070-3 Voiding Geometry SweptSolid	■		
100 Element Aggregation			
100-2 Element Decomposition	■		
210 Property Set			
210-1 Property 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	■		
100 Element Aggregation			
100-2 Element Decomposition	■		

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	■		
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	company statement WallSlab 03 / 2x3	
010 Naming	■	
030 Geometry		
030-6 Geometry Body		
030-6-1 Geometry SweptSolid	■	
General	company statement WallSlab 03 / 2x3	
_G4 Remarks	■	

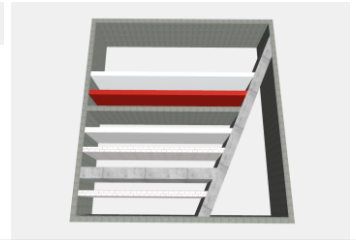
WallStandardCase 01A / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 01A / 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		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-3 Property Set User Defined		■	

300 Type		
300-3 Type Material	■	
300-5 Type Property Set	■	
General	company statement	
WallStandardCase 01A / 2x3		
_G4 Remarks	■	

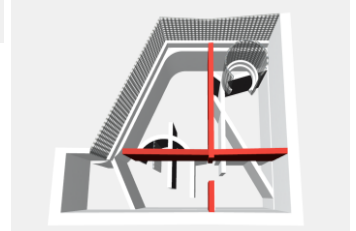
WallStandardCase 01S / 2x3



101 IfcWallStandardCase	company statement		WallStandardCase 01S / 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		■	
040 Presentation			
040-1 Geometric Presentation		■	
040-2 Material Presentation		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity Path		■	
120 Spatial Containment		■	
200 Material			
200-4 Material Layer Usage		■	
210 Property Set			
210-3 Property Set User Defined		■	

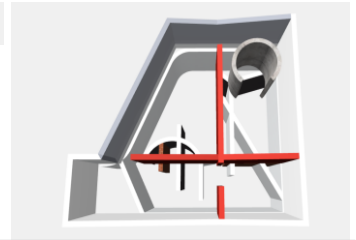
300 Type		
300-3 Type Material	■	
300-5 Type Property Set	■	
General	company statement	
WallStandardCase 01S / 2x3		
_G4 Remarks	■	

WallStandardCase 02A / 2x3



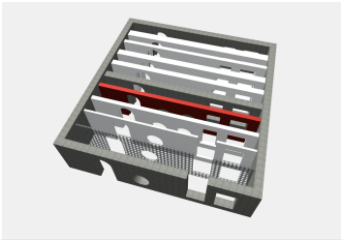
101 IfcWallStandardCase	company statement		WallStandardCase 02A / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity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

WallStandardCase 02S / 2x3



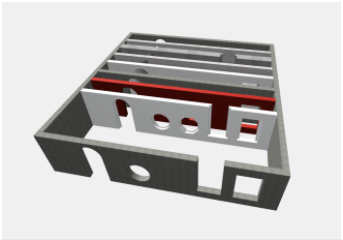
101 IfcWallStandardCase	company statement		WallStandardCase 02S / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
030-6-2 Geometry Clipping		■	
050 CAD Layer		■	
110 Connectivity			
110-2 Connectivity 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



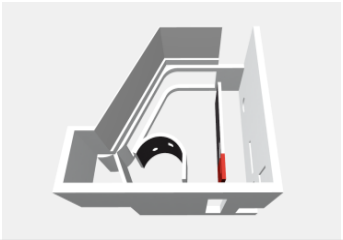
101 IfcWallStandardCase	company statement		WallStandardCase 03A / 2x3
010 Naming		■	
020 Placement			
020-2 Placement Relative		■	
030 Geometry			
030-2 Geometry Axis		■	
030-6 Geometry Body			
030-6-1 Geometry SweptSolid		■	
070 Voiding			
070-1 Voiding Geometry SweptSolid		■	
070-2 Voiding Geometry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

WallStandardCase 03S / 2x3



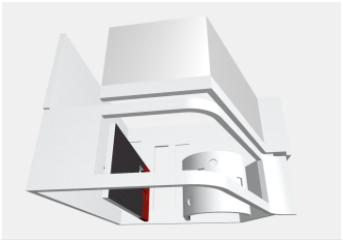
101 IfcWallStandardCase		company statement	WallStandardCase 03S / 2x3
010 Naming	■		
020 Placement			
020-2 Placement Relative	■		
030 Geometry			
030-2 Geometry Axis	■		
030-6 Geometry Body			
030-6-1 Geometry SweptSolid	■		
070 Voiding			
070-1 Voiding Geometry SweptSolid	■		
070-2 Voiding Geometry Explicit	■		
120 Spatial Containment	■		
General		company statement	WallStandardCase 03S / 2x3
_G4 Remarks	■		

WallStandardCase 04A / 2x3



101 IfcWallStandardCase		company statement	WallStandardCase 04A / 2x3
010 Naming	■		
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	■		
070-3 Voiding Geometry Mapped	■		
120 Spatial Containment	■		
General		company statement	WallStandardCase 04A / 2x3
_G4 Remarks	■		

WallStandardCase 04S / 2x3



101 IfcWallStandardCase		company statement	WallStandardCase 04S / 2x3
010 Naming	■		
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	■		
120 Spatial Containment	■		
General		company statement	WallStandardCase 04S / 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	■		
030-6 Geometry Body			
030-6-5 Geometry Explicit	■		
030-6-9 Geometry Mapped	■		
040 Presentation			
040-1 Geometric Presentation	■		
050 CAD Layer	■		
080 Filling			
080-2 Is Filling	■		
120 Spatial Containment	■		
200 Material			
200-1 Single Material	■		
200-5 Material List	■		

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	■
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	■