

Liune Door



USER'S GUIDE FOR LIUNE REVIT LIBRARY

LIUNE REVIT LIBRARY

LIUNE sliding doors .rfa libraries are ready to use with Autodesk Revit 2012 version or later. The library has been tested also with the newer versions - Revit 2016.

All the details have not been modeled in the object, but it is focused on the characteristics of the product choices and illustration of the plans. The object library is intended to be used with a product brochures and more detailed technical drawings, which can be downloaded from the manufacturer's website.

The user should be aware that the library is provided as it is, and the manufacturer holds no responsibility for the possible errors in programming, functional

glitches or any damages, direct or indirect. The user uses the object library at his own risk.

This document is a brief reference about object parameters to use. Development of ideas, desires and to develop corrective action the object are welcome.

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LIUNE STANDARD DOOR MODELS

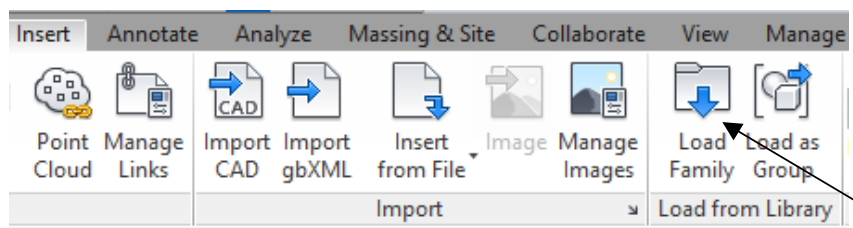
HOPE	D1	massive door	TIME	D9	glass door
STRENGTH	D2	laminate door	ECHO	D10	mirror door
ILLUSION	D3	smooth white door	GLOW	D11	sauna door
CLASSIC	D4	white milled mirror door	WAVE	D13	veneer door
DEW	D5	moisture resistant door	MY DOOR	D14	print glass
ESSENCE	D6	oak veneer door	PLATE	D15	classic sliding door
LIGHT	D7	light opening door	DESIGN	D16	design door
STAR	D8	panel door			

Have a pleasant design moments with Liune objects!

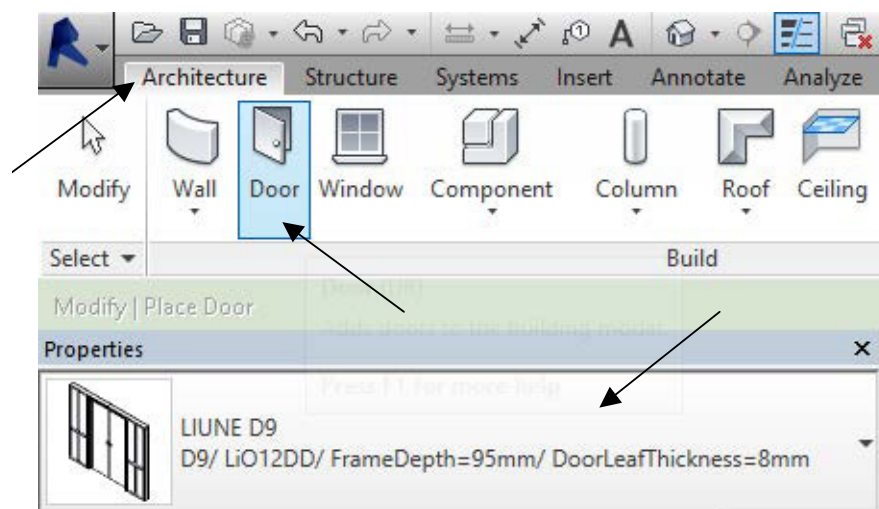


IMPORT LIUNE .RFA LIBRARY INTO REVIT PROJECT

Inside Revit to import .rfa LIUNE door library use Load Family button:

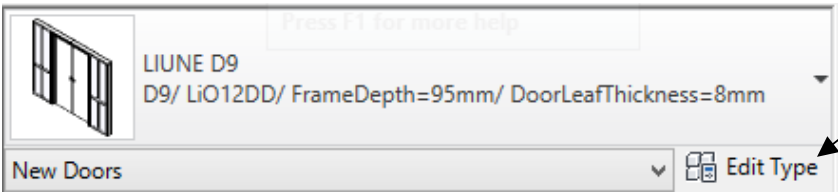


When Doors are imported to the project it can be found under Door Button in Architecture tab:



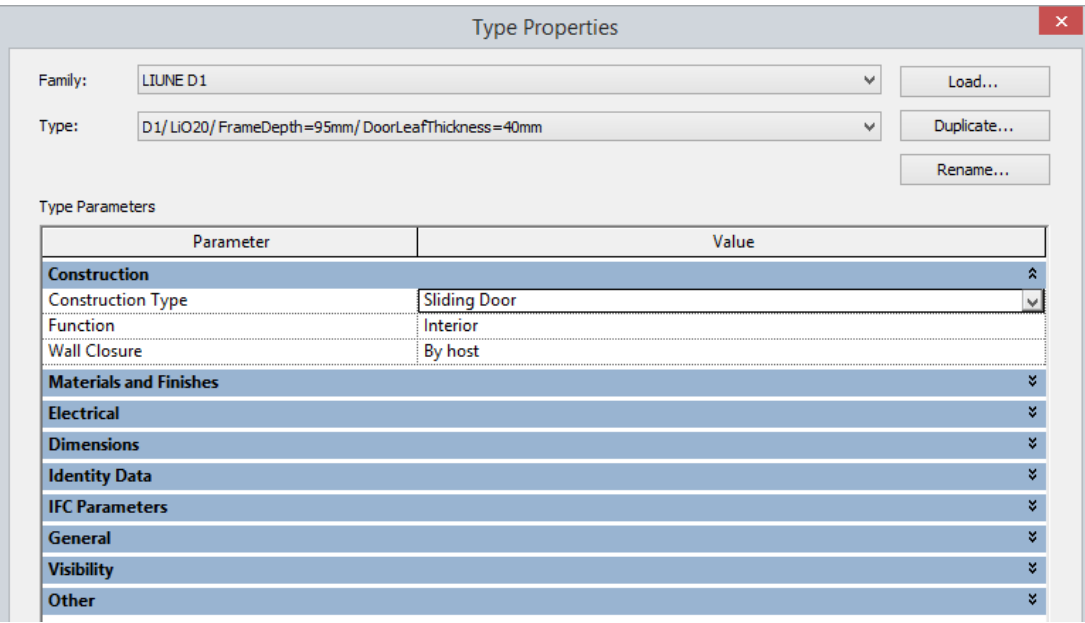
PARAMETERS AND USER INTERFACE - FAMILY TYPES

Revit library of sliding door are very simple to use. In Family Types you can see embedded parameters.



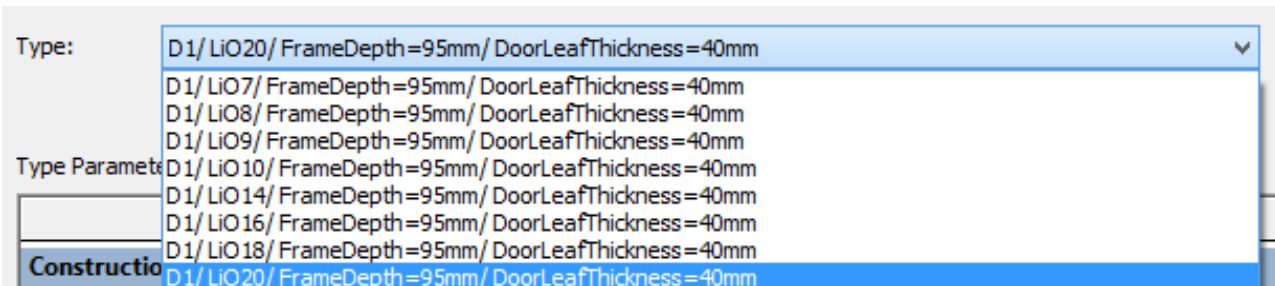
The most common required parameters, variables, are selected in the user interface. The user interface is divided into nine parts, which move between the

top row of buttons. Some values are visible in the user interface as well as the parameter list, so that you can take the necessary data for door schedules.



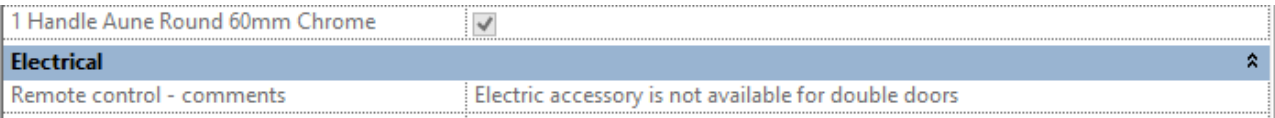
SELECTING DOOR
TYPE AND MODEL

Door type and size is selected from drop down menu.



Liune Revit Library are an intelligent sliding door objects. By selecting the desired opening size, the depth of the frame and the door leaf thickness and the model, the Liune element is placed on the wall with right dimensions.

Some of the choices of the parameters are also affected by other parameters choices. For example, the thickness of the door leaf and door type will depend on the depth of the selected frame. The parameter formed with other parameters values are shown in gray in the list, and are therefore not possible to change.



MATERIALS AND FINISHES

In “Material and Finishes” tab you can see what handles and locks are available depending of door type Name selection. You can see what door leaf finishes are available and choose proper material.

Materials and Finishes

Type: D1/ LiO20/ FrameDepth=95mm/ DoorLeafThickness=40mm

STEP 0 - Choose door type

Duplicate...

Rename...

Type Parameters

Parameter	Value
1 Handle Sauna 500mm	<input type="checkbox"/>
1 Handle Lyra Round 60mm Inox	<input checked="" type="checkbox"/>
1 Handle Luke Rectangle 144mm Silver color	<input checked="" type="checkbox"/>
1 Handle Lucy Round 60mm Inox	<input type="checkbox"/>
1 Handle Lucas Round 55mm Chrome	<input type="checkbox"/>
1 Handle Lucas Oval 105mm Chrome	<input type="checkbox"/>
1 Handle Liune Standard 150mm Chrome Mat	<input checked="" type="checkbox"/>
1 Handle Line Projecting 250mm Chrome	<input checked="" type="checkbox"/>
1 Handle Lily Rectangle 304mm Inox	<input type="checkbox"/>
1 Handle Lexy Round 60mm Inox	<input type="checkbox"/>
1 Handle Lexy Round 60mm Black	<input type="checkbox"/>
1 Handle Leo Round 46mm Silver color	<input type="checkbox"/>
1 Handle Leo Round 46mm Gold	<input type="checkbox"/>
1 Handle Aune Round 60mm Chrome	<input checked="" type="checkbox"/>

STEP 1 - See what handles are available

Type Parameters

Parameter	Value
2 Handle Sauna 500mm	<input type="checkbox"/>
2 Handle Lyra Round 60mm Inox	<input type="checkbox"/>
2 Handle Luke Rectangle 144mm Silver color	<input type="checkbox"/>
2 Handle Lucy Round 60mm Inox	<input type="checkbox"/>
2 Handle Liune Standard 150mm Chrome Mat	<input checked="" type="checkbox"/>
2 Handle Line Projecting 250mm Chrome	<input type="checkbox"/>
2 Handle Lily Rectangle 304mm Inox	<input type="checkbox"/>
2 Handle Lucas Round 55mm Chrome	<input type="checkbox"/>
2 Handle Lucas Oval 105mm Chrome	<input type="checkbox"/>
2 Handle Lexy Round 60mm Inox	<input type="checkbox"/>
2 Handle Lexy Round 60mm Black	<input type="checkbox"/>
2 Handle Leo Round 46mm Gold	<input type="checkbox"/>
2 Handle Leo Round 46mm Silver color	<input type="checkbox"/>
2 Handle Aune Round 60mm Chrome	<input type="checkbox"/>

STEP 2 - Choose one of available handles

MATERIALS AND FINISHES

STEP 2 and STEP 3 are removed for D15 door type because there are no locks available.

Type Parameters	
Parameter	Value
3 L7 Pocket door with key	<input checked="" type="checkbox"/>
3 L5 Glass lock with key Inox	<input type="checkbox"/>
3 L6 WC Glass lock Inox	<input type="checkbox"/>
3 L4 Pocket door Liune lock Chrome	<input checked="" type="checkbox"/>
3 L2 Lock system Abloy	<input checked="" type="checkbox"/>
3 L1 WC lock	<input type="checkbox"/>

STEP 3 - See what locks are available

Type Parameters	
Parameter	Value
4 Material - Door Leaf	Massive

STEP 4 - See what finish materials are available

Type Parameters	
Parameter	Value
5 Material - Door Leaf Second	Massive
5 Material - Door Leaf First	Massive

STEP 5 - Input material name from STEP 4

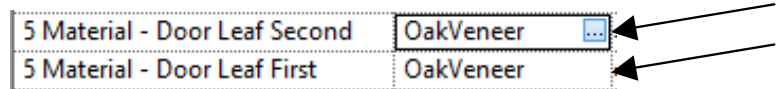
MATERIAL TEXTURES LOADING

There are ready to upload textures for Door Types: D6 (OakVeneer), D11 (SaunaWood), D13 (Birch, Pine, Nut) and D14 (PrintGlass, PrintGlassMirrored). Download textures folder from LIUNE website and paste it into location **C:\textures**. Revit will automatically upload these textures.



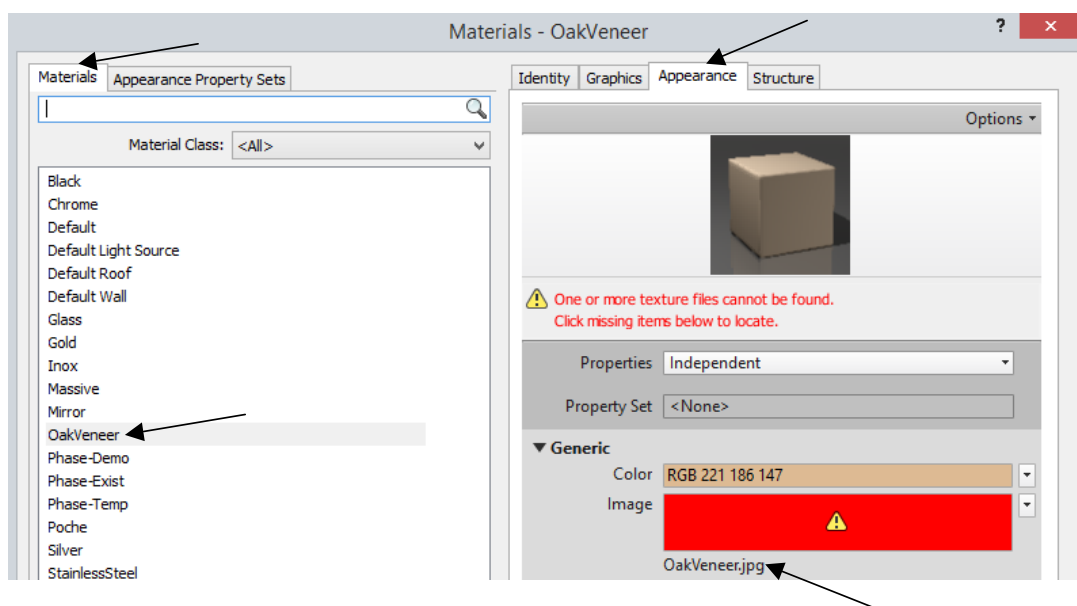
If you would like to keep texture in another place you need to locate textures as shown.

To Upload material texture click on blue button with three dots here (it appears on mouse click):

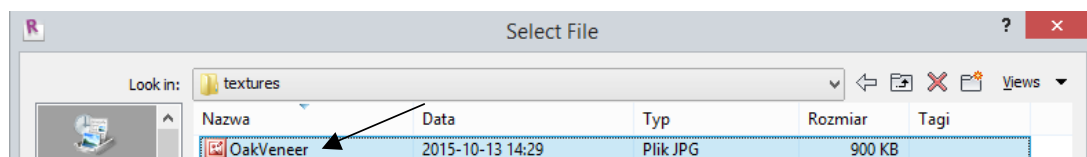


MATERIAL
TEXTURES
LOADING

Find Apperance Tab and click on missing item to locate:



Select missing texture and click twice OK button.



ELECTRICAL

Using Tickmarks check/uncheck one of available electrical option. See additional comments above.

Type:

D1/ LiO7/ FrameDepth=95mm/ DoorLeafThickness=40mm

Duplicate...

Rename...

Type Parameters

Parameter	Value
Electrical	<div></div>
Remote control - comments	You can choose only one electrical option
Push switches - comments	Push switch added. When ordering please change door type name to D12
Motion sensor - comments	You can choose only one electrical option
Remote control	<div></div>
Push switches	<div></div>
Motion sensor	<div></div>

IDENTITY DATA

In Identity Data tab you can find URL address to LIUNE website where you can find actual detailed technical data, and additional information about product.

Type: Duplicate... Rename...

Type Parameters

Parameter	Value
Electrical	▼
Dimensions	▼
Identity Data	▲
URL	http://www.liune.fi
Type Comments	Liune integrated sliding door. The Liune™ delivery includes the ready-welded element, customized door
Opening	LiO7
Model	Liune D1 LiO7
Manufacturer	LIUNE
Assembly Code	C1020300
Keynote	
Description	
Assembly Description	Interior Doors with Frames
Type Mark	
Fire Rating	
Cost	
OmniClass Number	23.30.10.00
OmniClass Title	Doors

GENERAL

In General tab you can see the most important parameters:

Type: D1/ LiO7/ FrameDepth=95mm/ DoorLeafThickness=40mm

Duplicate...

Rename...

Type Parameters

Parameter	Value
IFC Parameters	
General	
Door Leaf Single Width	1535.0
Door Leaf Double Width	0.0
Wall Thickness Standard	120.0
Wall Thickness Maximum	169.0
Installation Space Width	1550.0
Installation Space Height	2240.0
Door Height	2140.0
Single Leaf Door	<input checked="" type="checkbox"/>
LiO	7.000000
Free Opening	710.0
Frame Depth	95.0
Door Leaf Thickness	40.0
Door Leaf Length	731.0
Door Leaf Height	2060.0
D	1.000000

Please do not change parameters assigned to door type: “D”, “LiO”, “Frame Depth”, “Door Leaf Thickness”.

If you would like to change door type and size, please change it using drop down menu shown above.

Type:	D1/ LiO7/ FrameDepth=95mm/ DoorLeafThickness=40mm
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GENERAL

If you cannot find your door type please download it from LIUNE website and than choose door type from drop down menu. In General tab you can find **helpful parameters** for design process like:

- Overall Single or Double Door Leaf Width
- Wall Thickness Standard and Wall Thickness Maximum
- Installation Space Width and Height

General	
Door Leaf Single Width	0.000
Door Leaf Double Width	2938.000
Wall Thickness Standard	120.000
Wall Thickness Maximum	169.000
Installation Space Width	2958.000
Installation Space Height	2170.000

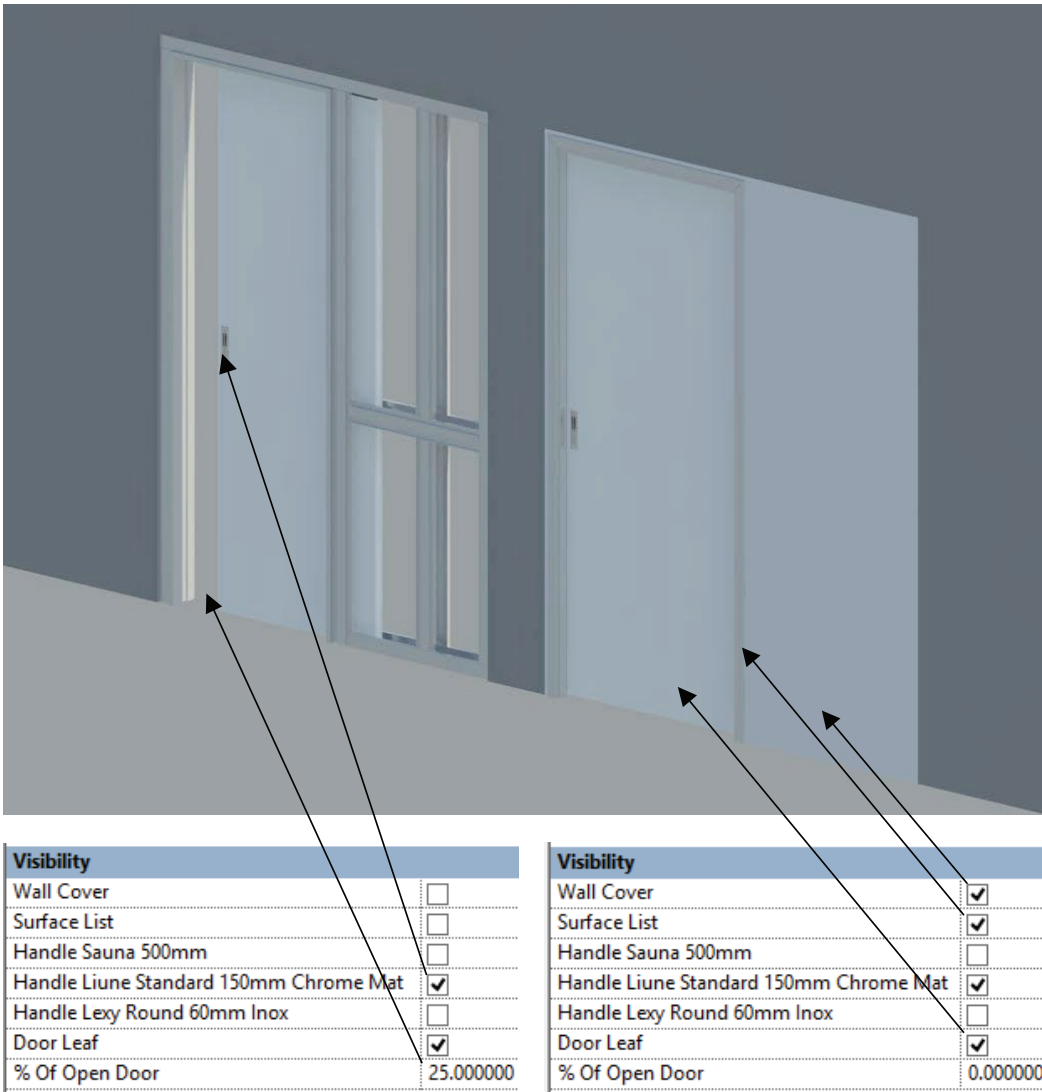
In D15 door type user is able to:

- change Door Leaf Height according to range Door Leaf Height Minimum and Maximum
- modificate Covering Lenght by enter the value numerically in User Covering Lenght field.

General	
User Covering Lenght	0.0
LiO	7.000000
Standard Covering Lenght	2100.0
Free Opening	700.0
Door Leaf Thickness	8.0
Door Leaf Lenght	780.0
Door Leaf Height Minimum	2100.0
Door Leaf Height Maximum	2300.0
Door Leaf Height	2100.0

VISIBILITY

In Visibility tab you can turn on/off Wall Cover, Surface List, One of three available handles models, Door Leaf. You can additionally setup percentage % of open door.



FREE PASSAGEWAY

If the door is assigned to a projected handle or lock, a free passageway tapers because the door does not open completely.

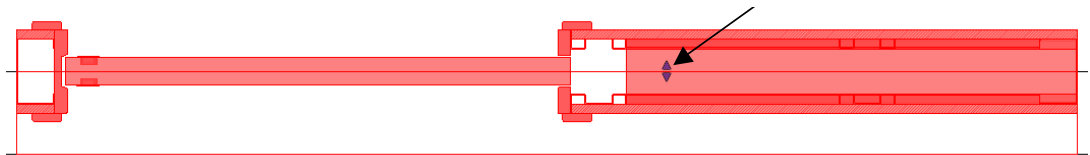
COMMON FEATURES

Following described adjustments are made for Liune Revit objects. Other doors may not have similar functions. In Properties window (when door are selected) in General tab you can see following parameters:

- Sill to Story – Allows you to offset up your door,
- Rereveal to Wall Face allows user to place the Liune

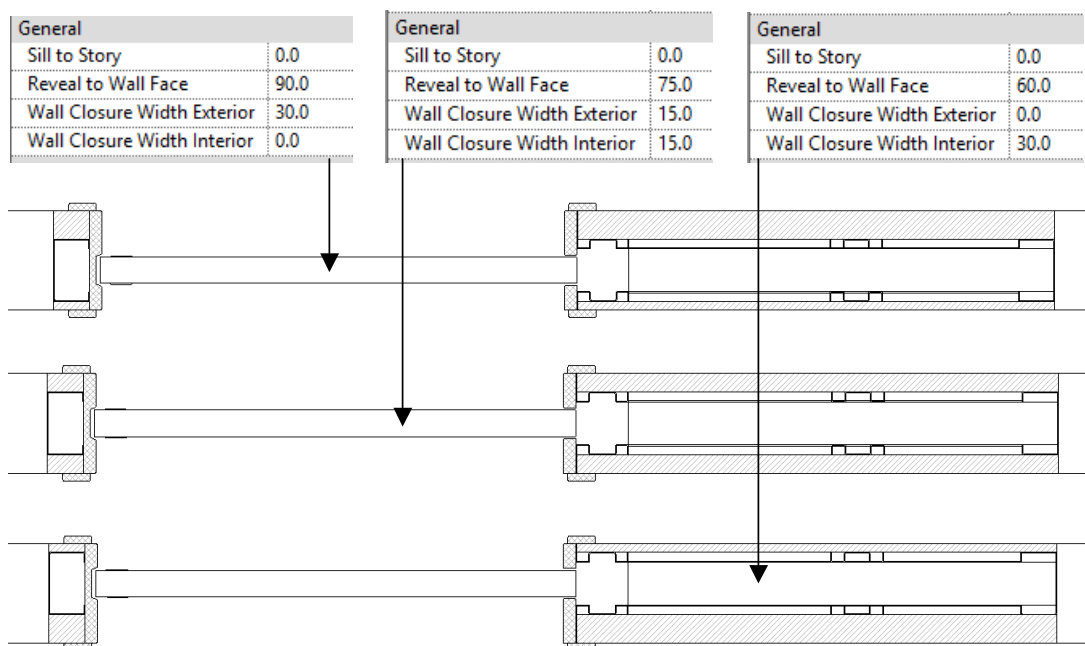
door in the normal manner to the correct horizontal position on the wall.

Alternatively, you can drag and move to new position your doors, but first doors need to be selected.



- Wall Closure Width Exterior/Interior allows user to change Wall Cover thickness.

Examples:



OTHER

Other

In Other tab there are parameters not to modificate by end user.

Project performance

Remove not used Revit family types on your project file. This will allow you to work fast on your project.



Have a pleasant design moments
with Liune objects!



www.liune.fi

Operation of Aulis Lundell Oy has been
certified according to iso 9001:2008 standard.



The environmental register of packaging
Pyr Ltd since 2004.
Liune Door is patented No FI 7139 - 16.11.2005.



LIUNETM

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