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Liune Door



USER'S GUIDE FOR GDL LIUNE LIBRARY

LIUNE GDL - object is a planning tool, which is used in ArchiCAD 20 or later for Windows or Macintosh version of the program. The library has been tested also with the newer versions of ArchiCAD.

All the details have not been modeled into the object, but it is focused on the characteristics of the product choices and the illustration of the plans. The object 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.

Have a pleasant design moments with
Liune objects!



Greetings,
Liune team

■ INTERIOR DOORS

HOPE	D1 massive
STRENGTH	D2 laminate
MAGIC	D3 smooth white
MOUNTAIN	D6 oak veneer
WAVE	D13 wood veneer
DESIGN	D16 design
EFFECT	D17 melamine
LIGHT DOOR	D19 flush panel

■ WET AREAS AND SAUNA DOORS

THEME	D5 moisture- resistant
HEAT	D11 sauna

■ MIRROR- AND GLASS DOORS

CLASSIC	D4 white milled mirror
LIGHT	D7 light opening
STAR	D8 panel
TIME	D9 glass
REFLECT	D10 mirror

■ ACOUSTIC DOORS

CALM	D18 dB door
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■ DECORATION DOORS

SURFACE	D15 classic sliding
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■ DESIGN DOORS

MY LIUNE	D14 print
ART	D20 art

■ LIUNE BLACK

BLACK	D21 black
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■ LIUNE SAFE

SAFE	D22 antibacterial
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AUTOMATION D12

PARAMETERS AND USER INTERFACE

Door

PREVIEW AND POSITIONING

1950
2170

Anchors:

Sill to Story 0
Reveal to Wall Face 0

Flip

LIUNE SLIDING DOOR ELEMENT

Custom Settings...

Door Handle and lock Settings Accessories Instructions

Type LiuneDoor Frame depth 95 mm

Opening LIO9 Free opening 910 mm

Model Door leaf thickness 25 mm

Liune D7, light opening door

Materials

Door white Frame and lists white

Panel opal

Settings

Custom Settings...

Door Handle and lock Settings Accessories Instructions

Note

3D presentation detailed Surface lists Liune

More info about lists

Door open % 30

Show label No Size @Malg 2,00

Accessories

Custom Settings...

Door Handle and lock Settings Accessories Instructions

ElectricLiune hardware

Motion sensor Locking side Center Opening side (insertion)

Push switches

Motion sensor

Optional remote control

Handles and locks

Rakenne **Vedin ja lukko** Säädöt Varusteet Ohjeet

Vedin Upotettu vec Lukitus Ei lukitusta

Lisätietoja vetimistä Lisätietoja lukoista

Materiaalit

Vedin ja lukko hopea

Lukon aluslevy valkoinen

Muut helat rst

Instructions

Custom Settings...

Door Handle and lock Settings Accessories Instructions

The Liune® delivery includes the ready-welded element, custom lead door frames and the door...

Projecting handle and lock are also suitable, in that case it must be taken into consideration...

The edge of the door becomes visible from the wall frames by pressing the door inward the wall...

Liune sauna door always is offered with projecting sauna handle type and the width of the door...

It must be taken into consideration that the width of door opening is reduced by 50 mm.

For the mounting of cabinets etc. there must be a separate supporting steel plates installed before finishing the surfaces. Installation of Liune door and element according to the manufacturer's instructions.

Special instructions apply to Liune products used for wet rooms, saunas and soundproof door.

Liune sliding door elements are ready for electric conduits. The automated function is available for special order; maintenance works of the automation equipment take place through the inspection hatch. Soft and self-closing mechanism is also available as an accessory. Other...

The Liune® element is patented in the EU, Norway and in the USA. More information www.liune.fi

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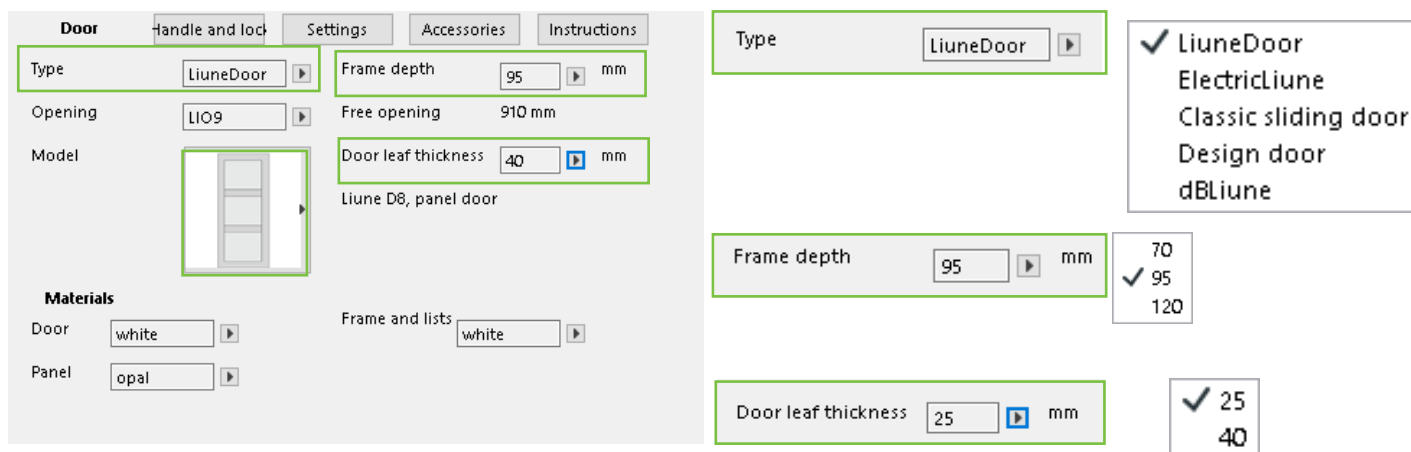
SELECTING DOOR TYPE AND MODEL

Discover the object simply by testing the parameters operation on the object. The parameters purpose are usually described of its name. The most common required parameters, variables, are selected in the user interface. The user interface is divided into four 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 parameter selects whether Liune is the standard, electric, design /extra-high/, surface-mounted or sound type door. With electric, design door and surface-mounted door all door models are not available. Door type is selected with icon menu in the user interface.

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.



The screenshot displays the 'Door' configuration window with several tabs: 'Door', 'Handle and lock', 'Settings', 'Accessories', and 'Instructions'. The 'Door' tab is active, showing a grid of parameters:

- Type:** A dropdown menu set to 'LiuneDoor'.
- Opening:** A dropdown menu set to 'LI09'.
- Model:** A preview image of a door.
- Materials:**
 - Door:** A dropdown menu set to 'white'.
 - Panel:** A dropdown menu set to 'opal'.
- Frame and lists:** A dropdown menu set to 'white'.
- Frame depth:** A numeric input field set to '95' mm.
- Free opening:** A numeric input field set to '910' mm.
- Door leaf thickness:** A numeric input field set to '40' mm.

Below the main configuration area, there is a list of available models with checkboxes:

- ☒ LiuneDoor
- ☒ ElectricLiune
- ☒ Classic sliding door
- ☒ Design door
- ☒ dBLiune

On the right side, there are two additional dropdown menus for 'Frame depth' and 'Door leaf thickness' with their respective values (95 mm and 25 mm) and a list of available options (70, 95, 120 for frame depth; 25, 40 for door leaf thickness).

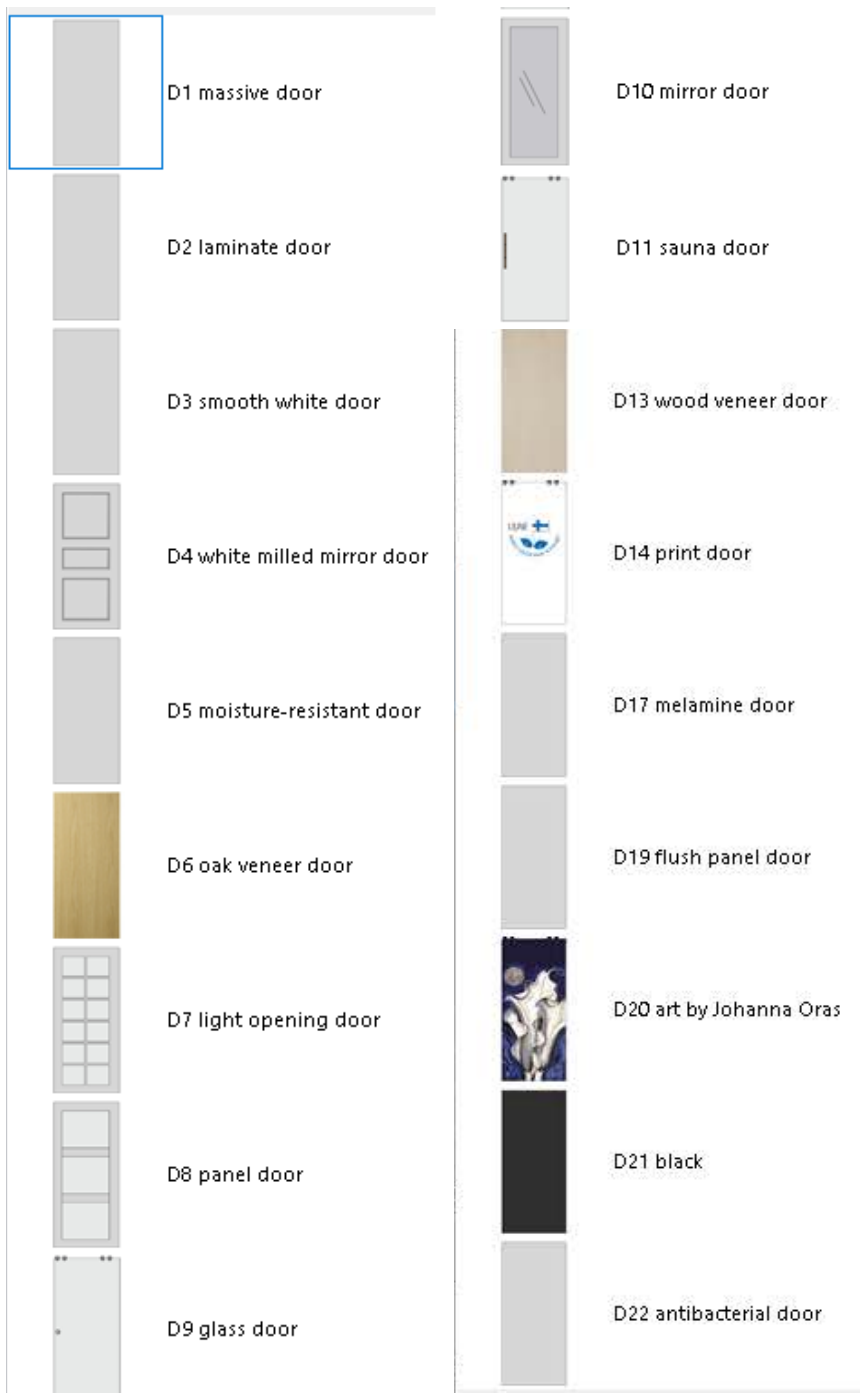
LiuneDoor

Liune GDL is an intelligent sliding door object. By selecting the desired opening size, the depth of the frame, the door leaf thickness and the model, the Liune element is placed on the wall with right dimensions. In addition, there can be a model-specific settings, such as "True grooves in 3D" means that the grooves of the door appear as real. If the box is not selected, it displays in illustration drawing with simple line.

True grooves in 3D ☒

SELECTING DOOR TYPE AND MODEL

LiuneDoor



LiuneDoor Parameters

Liune Type	LiuneDoor
Door Model	Liune D7
Description	light opening door
Handle	Recessed handle Liune standard
Handle Model	
Lock	Projecting lock
Note	

OPENING SIZE	
Opening Label	LI09_L2
Opening Width	910
Door Leaf Width	1031
Door Leaf Height	2060
Plasterboard Opening Width	947
Plasterboard Opening Height	2075
Element Width	1935
Element Height	2130
Installation Space Width	1950
Installation Space Height	2170
Frame thickness	95
Door Leaf thickness	40
Plasterboard Default Thickness	13
Board Start From Edge (ClassicLiune)	<input type="checkbox"/>

3D REPRESENTATION	
3D Detail Level	detailed
Show Handle in 3D	<input checked="" type="checkbox"/>
Door Open %	0
True grooves in 3D (D4)	<input checked="" type="checkbox"/>
Mirror	opening side
Show Surface lists	<input checked="" type="checkbox"/>
List type	Liune
Designlist effect	Paint - Vermillion <input type="checkbox"/>
Frame Pen	0.13 mm 1 <input type="checkbox"/>
Leaf Pen	0.13 mm 1 <input type="checkbox"/>

MATERIALS	
Door Material	white
AC Door Material O=Liune	GENERAL
Frame and list material	white
AC Frame and list material	GENERAL

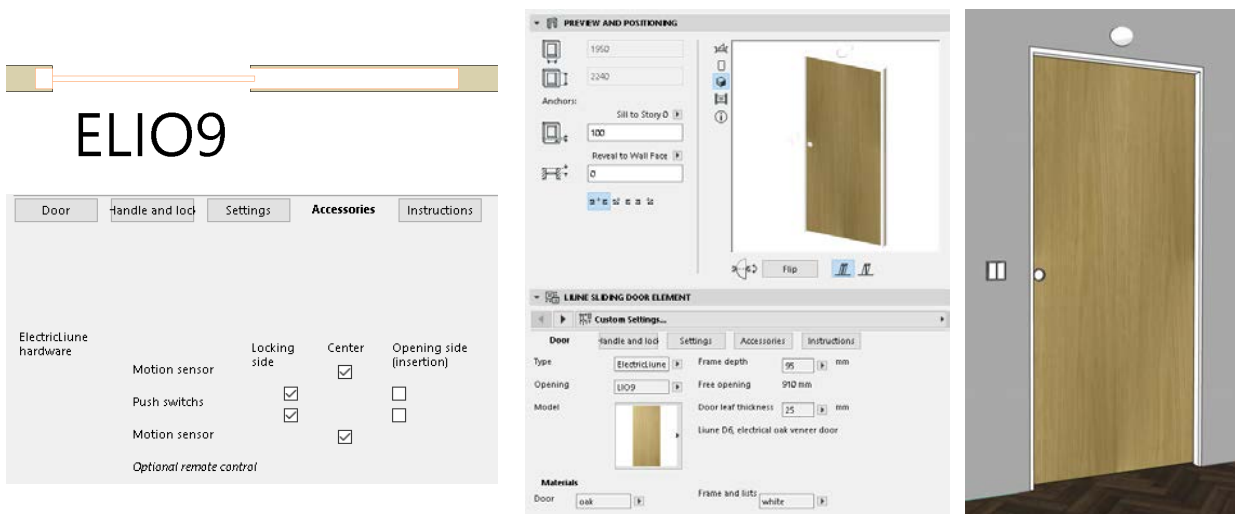
AC DESIGNLIST EFFECT	
Mirror Material	opal
AC Mirror Material O=Liune	GENERAL
Handle Material	chrome
AC Handle Material	GENERAL
Lock Plate Material	white
AC Lock Plate Material, O=Door Material	GENERAL
Hardware Material	stainless steel
AC Hardware Material	Metal - Stainless Steel <input type="checkbox"/>
AC Switchs Material, O=White	GENERAL
AC Sensor Material, O=White	GENERAL
Picture name (D14)	picture
2. picture name (D14)	picture2
Picture name Johanna Oras	
2. picture name Johanna Oras	

2D PRESENTATION	
2D Pen (O=Symbol Pen)	Transparent 0 <input type="checkbox"/>
Show Fill	Background <input type="checkbox"/>
Fill Background Pen	Window Background -1 <input type="checkbox"/>
Door Leaf Pen (O=2D Pen)	Transparent 0 <input type="checkbox"/>
Opening Edges (O=Wall Contour Pen)	Transparent 0 <input type="checkbox"/>

SELECTING DOOR TYPE AND MODEL

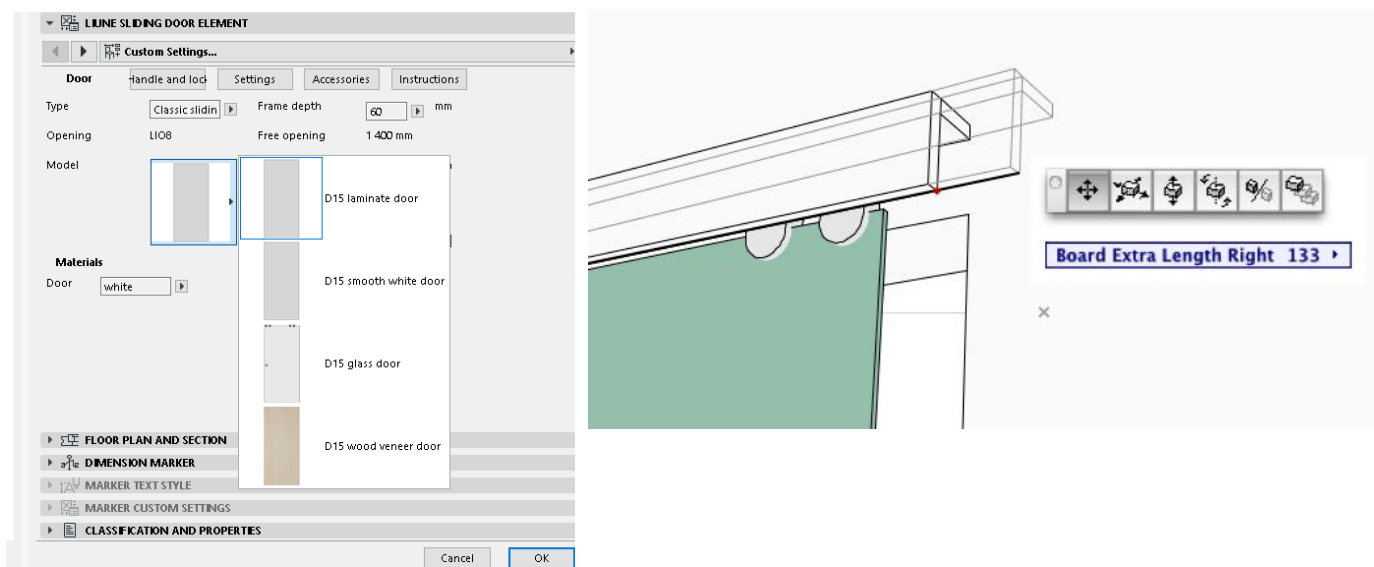
ElectricLiune

Use ElectricLiunes the adjustments tab to select switches and motion detectors, which are also displayed in 3D views. An electric door label automatically starts with letter 'E'.



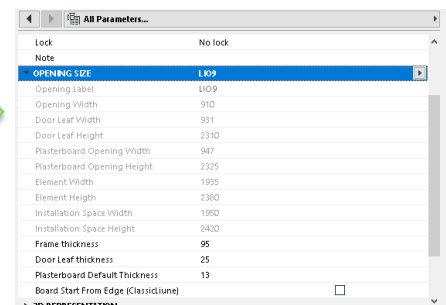
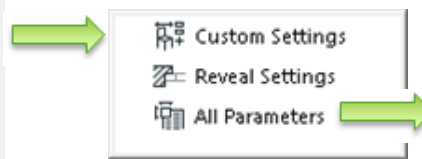
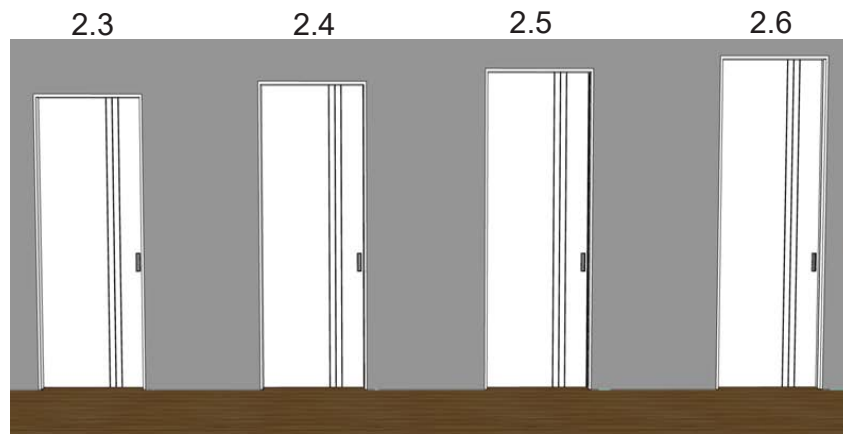
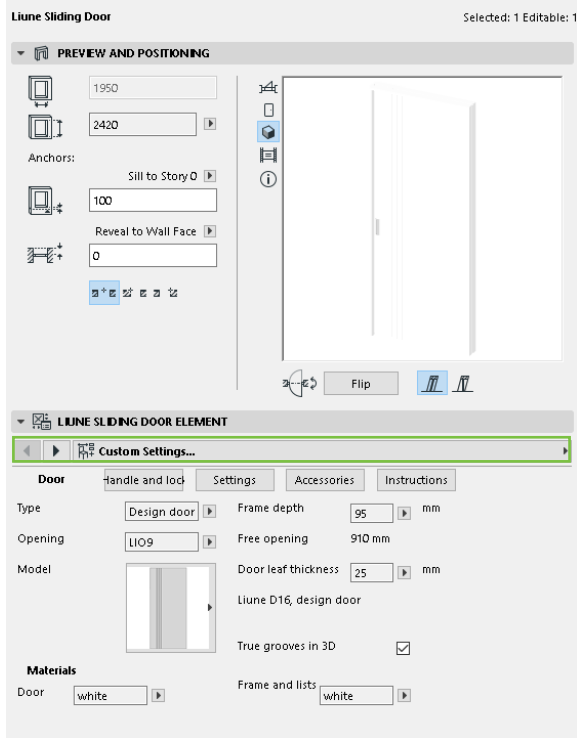
Classic sliding door

Classic sliding door by Liune door leaf is moduled, but the size of the opening in the wall is freely adjustable. Surface mounted door's top board can choose to begin in the opening edge, for example when the door is located in the corner. Board length can be adjusted freely by dragging each end point or enter the value numerically.

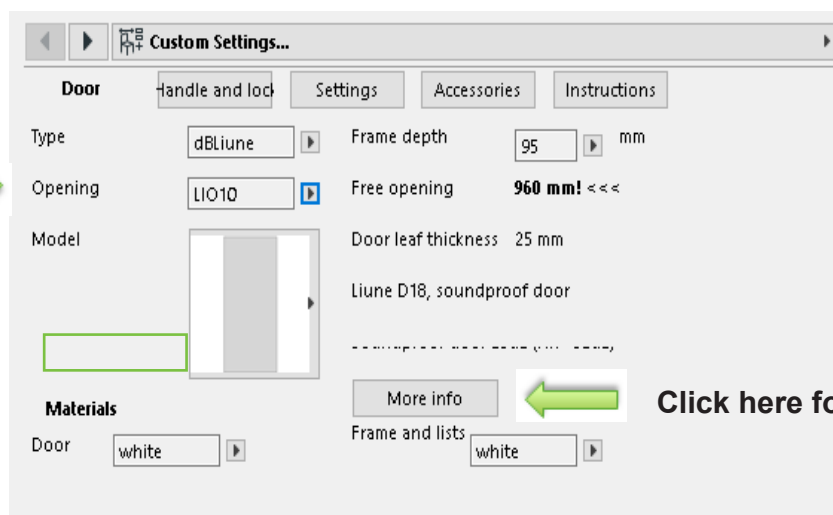
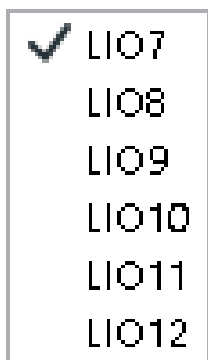


SELECTING DOOR TYPE AND MODEL

Design door



dBLiune Sound isolation range 25 dB DnT, w (dB) 32



Click here for more information

DOOR REVEAL AND FRAME DEPTH FREE PASSAGEWAY DOOR OPENING

Common features

Following described adjustments are made for Liune object. Other doors may not have similar functions.

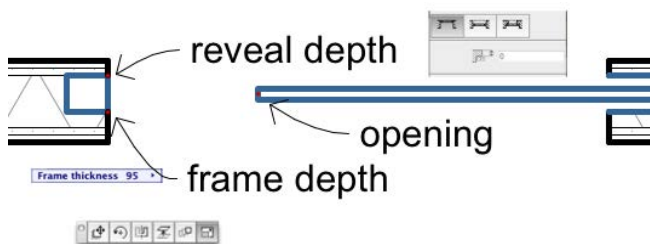
Door reveal and frame depth

In the ArchiCAD program the door has a separate parameter for reveal, which places the Liune door in the normal manner to the correct position on the wall.

Alternatively, when the reveal parameter is zero, Liune object speed up the work using "topsheet default strength" of the value automatically. The user can then move the door in floor plan by dragging the hotspot, but the door can not be dragged outside the wall. Dragging the second hotspot modifies the frame strength.

Free passageway

Sauna door, sound isolation door or if the door is assigned to a projected handle or lock, a free passageway narrows because the door does not open completely. Lastly, a warning is given if the passageway gap is reached.

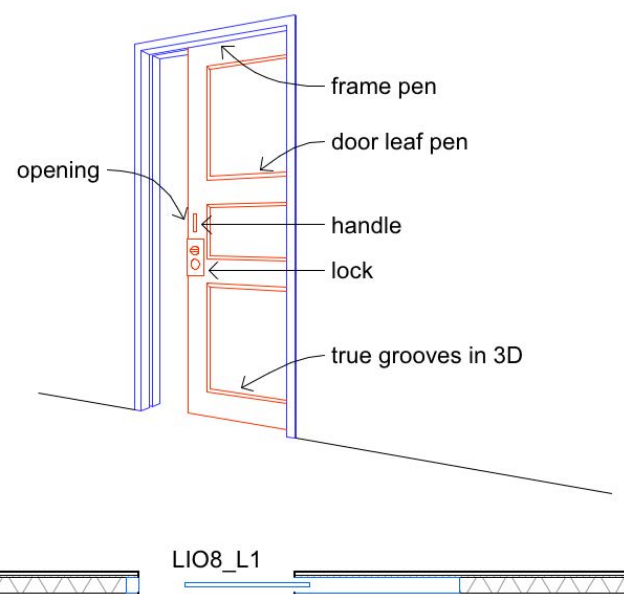


In such situations a warning is displayed to ensure the size of the access opening.



Door opening

Sliding door opening provides the interface parameter or by dragging the hotspots on the ground or in a 3D view.




SYMBOL PENS

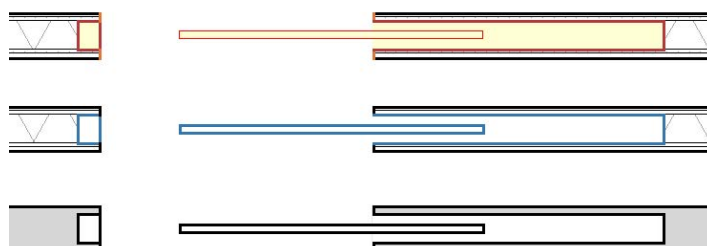
Symbol pens

When the door symbol pen number is zero, it inherits its value from another parameter. This enables each parameter to be adjusted individually, or else to comply with the following specification:

- If 2D frame pen is zero, it is same as the value of the symbol cutting line pen.

SYMBOL & OUTLINE				
	Enable Object's Line Types			<input checked="" type="checkbox"/>
	Enable Object's Pens			<input checked="" type="checkbox"/>
	Symbol Line	Solid Line		<input type="text" value=""/>
	Symbol Line Pen	0.25 mm	5	<input type="text" value=""/>

- If the door leaf pen is zero its same as the previous.
- If the opening edge value is zero the pen is the same as the wall contour.

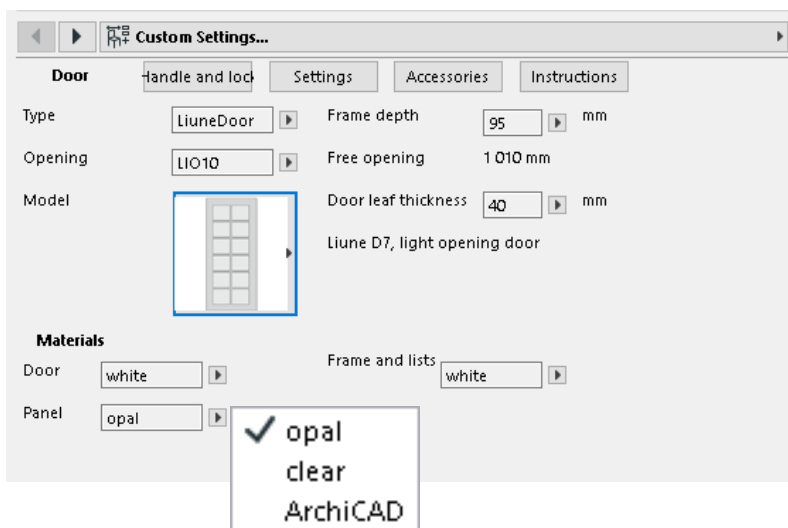


MATERIALS

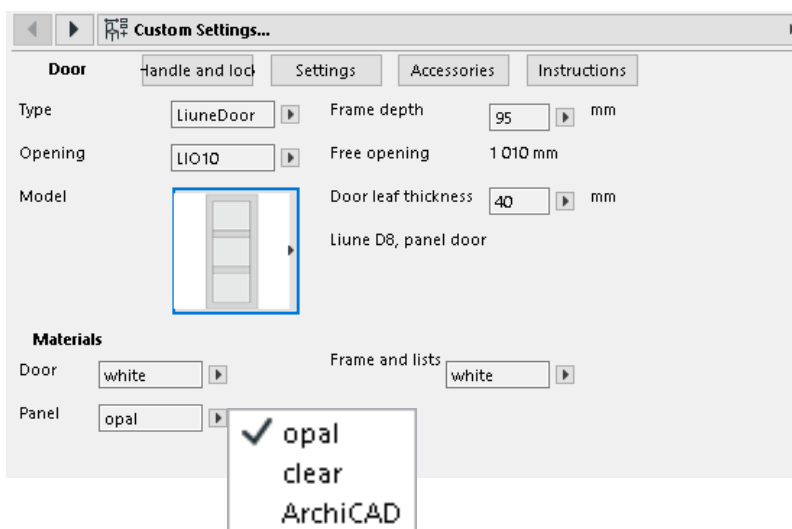
The basic materials for the door are taught to the object, and they are easy to select from the pop-up list. By choosing the "ArchiCAD" appears in the sub menu, where you can select any other special color or specific material for. Some of the materials provides only a parameter list.



Liune D7 is light opening door, whose glass color selectable colors in the library are opal, clear or ArchiCAD.

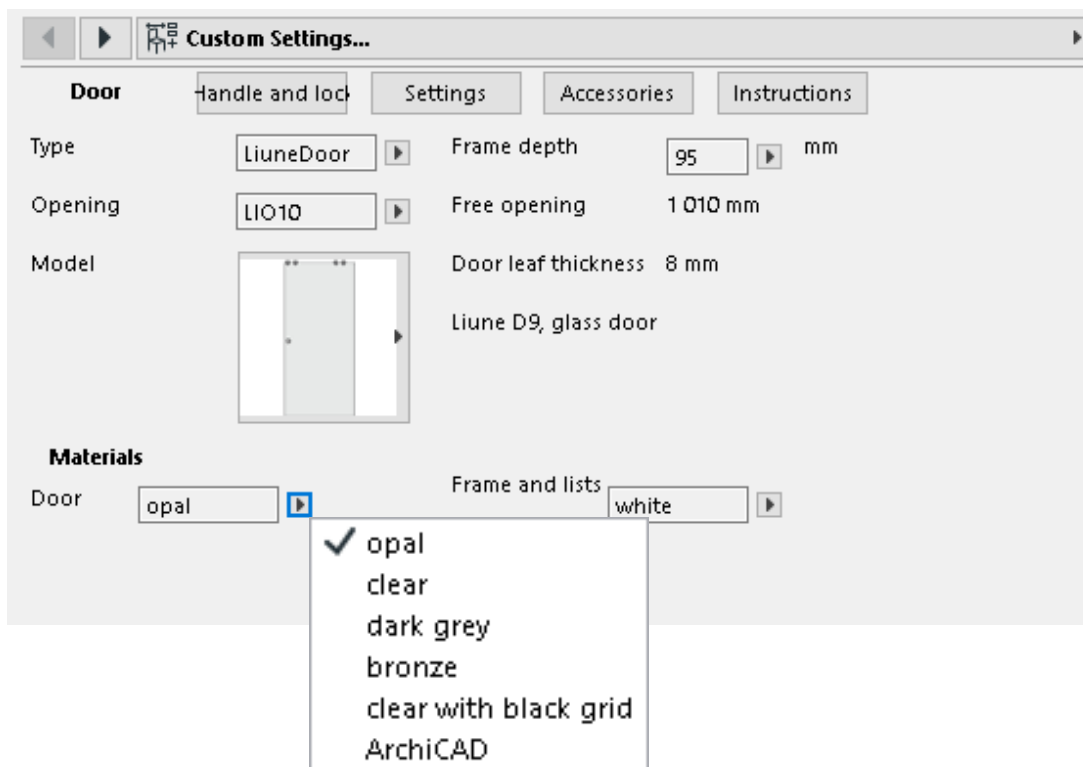


Liune D8 on panel door, whose glass selectable colors in the library are opal, clear or ArchiCAD.



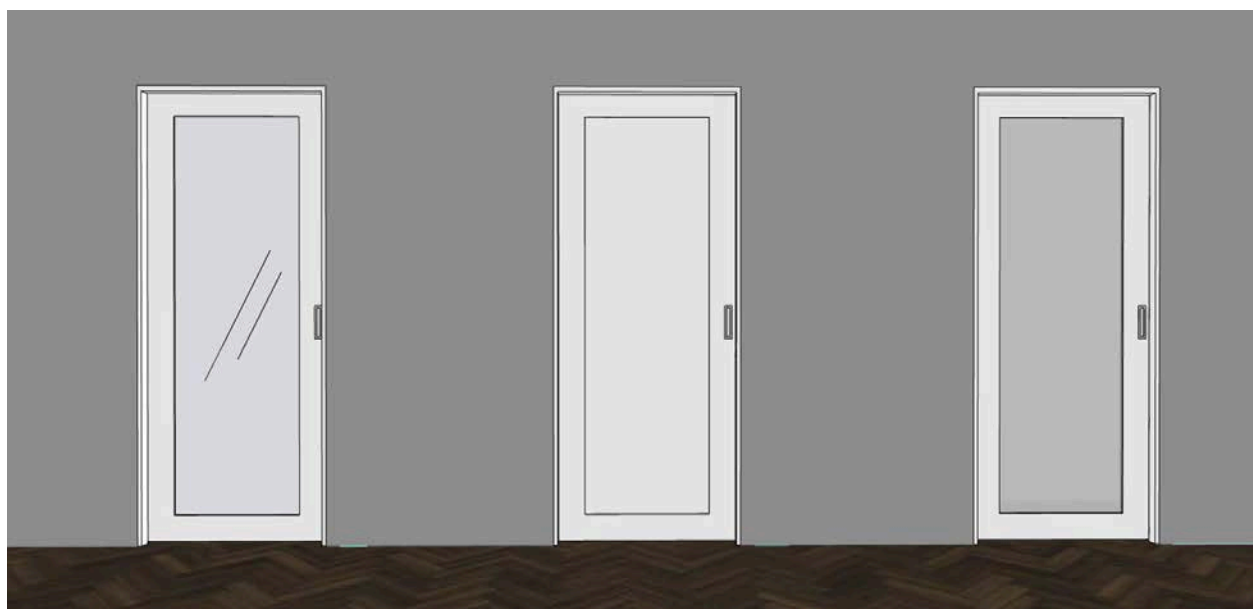
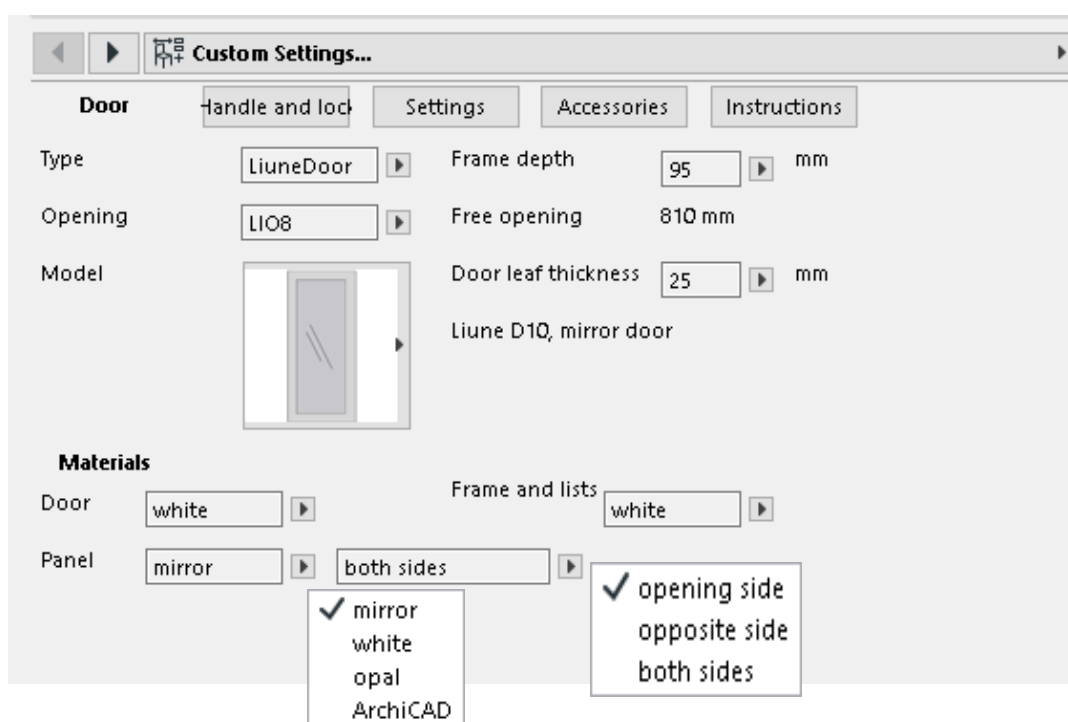
MATERIALS

Liune D9 is glass door, whose glass selectable colors in the library are opal, clear, dark grey, bronze, clear with black grid or ArchiCAD.



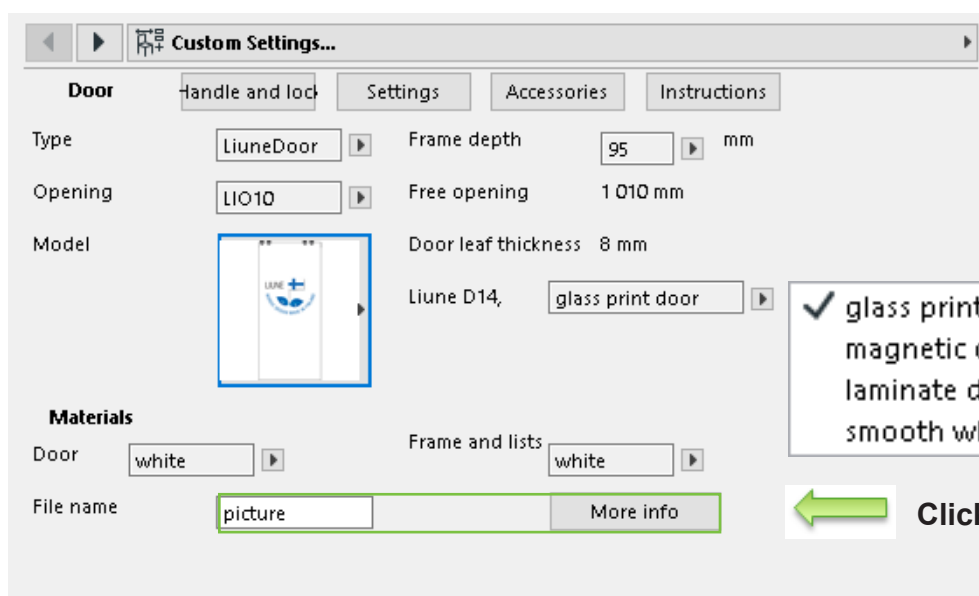
MATERIALS

Liune D10 is mirror door, whose door selectable materials in the library are white or ArchiCAD. Panel selectable materials are mirror, white, opal or ArchiCAD. Then choose the location of the mirror from the following three options opening side, opposite side or both sides.



MATERIALS

Liune D14 is print door, which material in the library is an image. Select the “Picture” as the material and entering the name of the image. In the double door, the image for the different door leaves is selected separately. The image is selected in the library either by placing it in the directory selected as the library or by selecting it with the menu command File-Libraries and Objects-Library Manager... More detailed information about the print door can be found on the Liune website, which opens in the browser by clicking the button More info.




Custom Settings...

Door | Handle and lock | Settings | Accessories | Instructions

Type: LiuneDoor | Frame depth: 95 mm

Opening: LIO10 | Free opening: 1 010 mm

Model:  | Door leaf thickness: 8 mm

Liune D14, glass print door

Materials

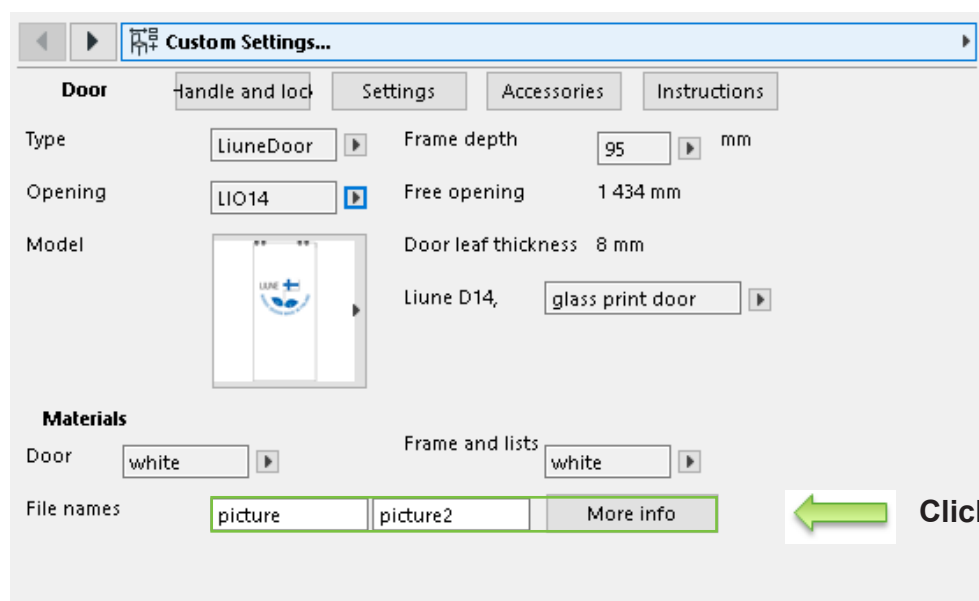
Door: white | Frame and lists: white

File name: picture | More info

✓ glass print door
magnetic door
laminate door
smooth white door

← Click here for more information

Double doors




Custom Settings...

Door | Handle and lock | Settings | Accessories | Instructions

Type: LiuneDoor | Frame depth: 95 mm

Opening: LIO14 | Free opening: 1 434 mm

Model:  | Door leaf thickness: 8 mm

Liune D14, glass print door

Materials

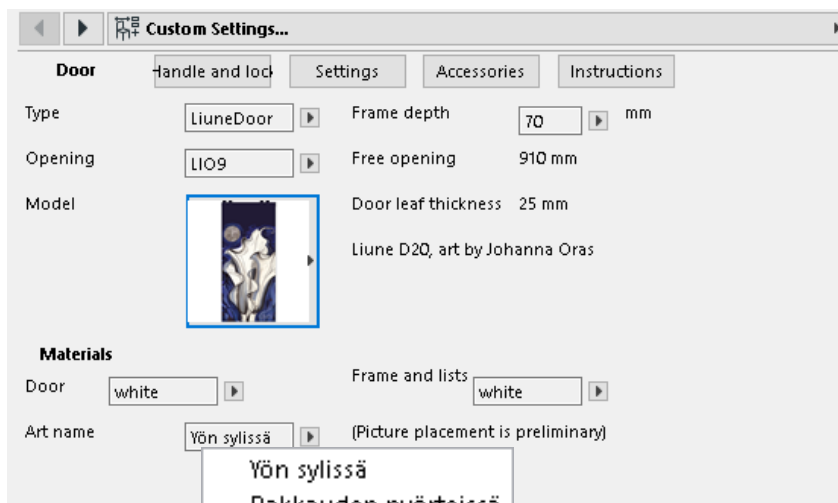
Door: white | Frame and lists: white

File names: picture | picture2 | More info

← Click here for more information

MATERIALS

Liune D20 is art by Johanna Oras, whose materials are selectable from “Art name” and pictures are different if it is selected single or double doors. (Picture placement is preliminary).

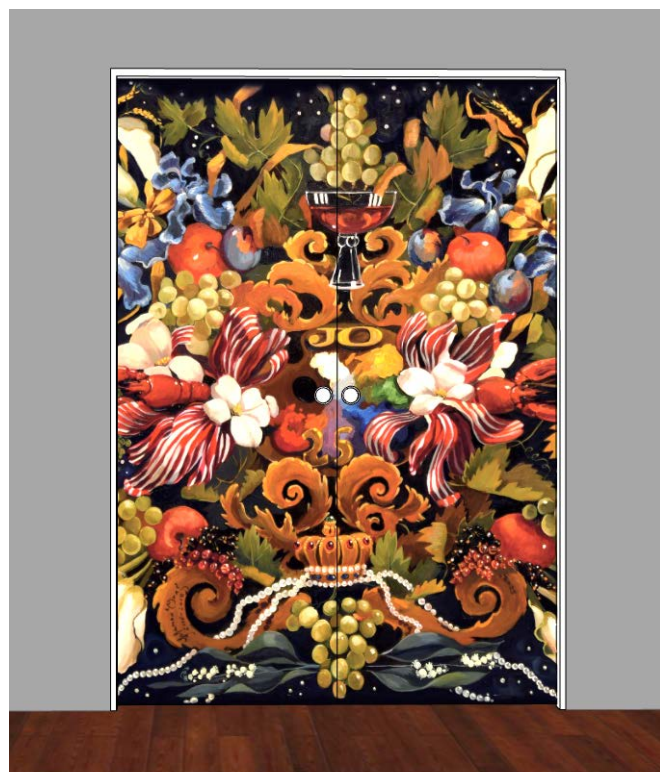
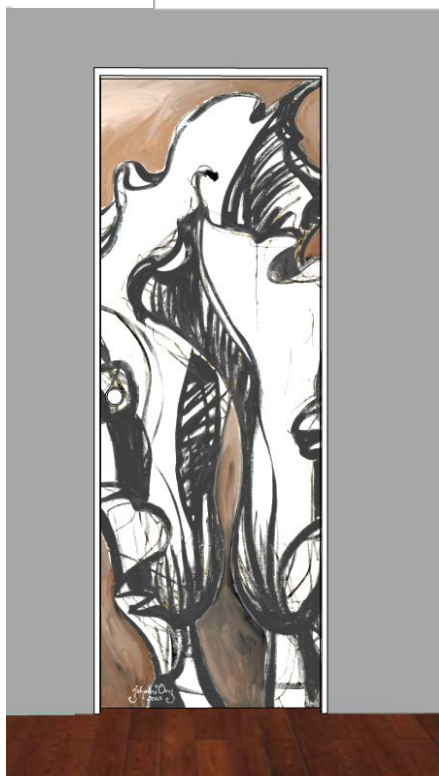


Single door →

- Yön sylissä
- Rakkauden pyörteissä
- Passion
- Magical World of JO
- ✓ Blue Velvet
- All that she wanted
- All that he had

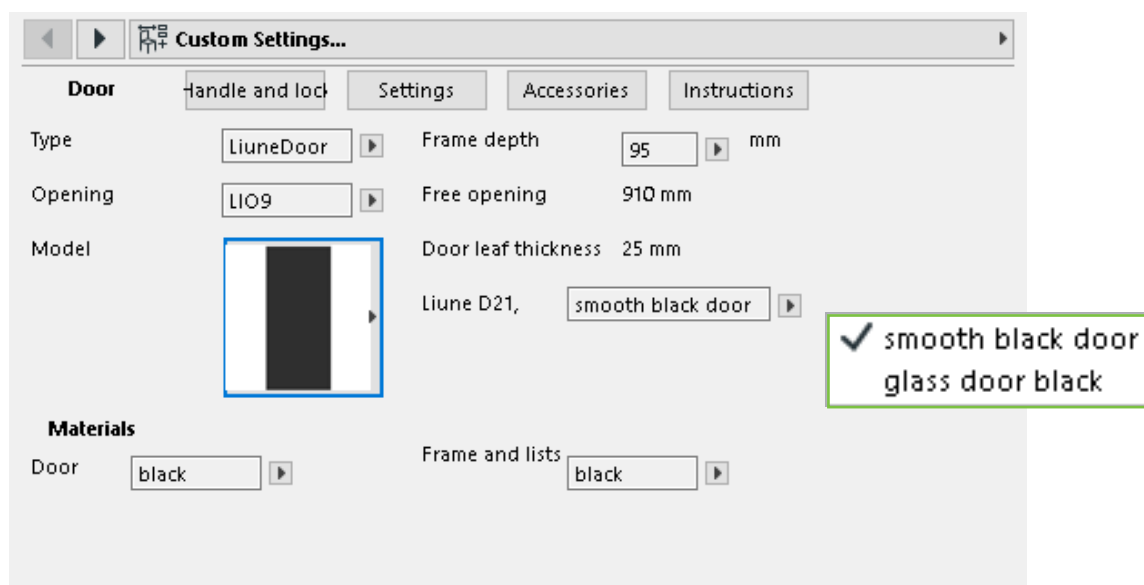
Double door →

- Maaginen hetki
- Yön sylissä
- ✓ Magical World of JO
- Blue Velvet



MATERIALS

Liune D21 is black door (smooth black door and glass door black), whose materials are all black- door, handles, hangers, lock and frame



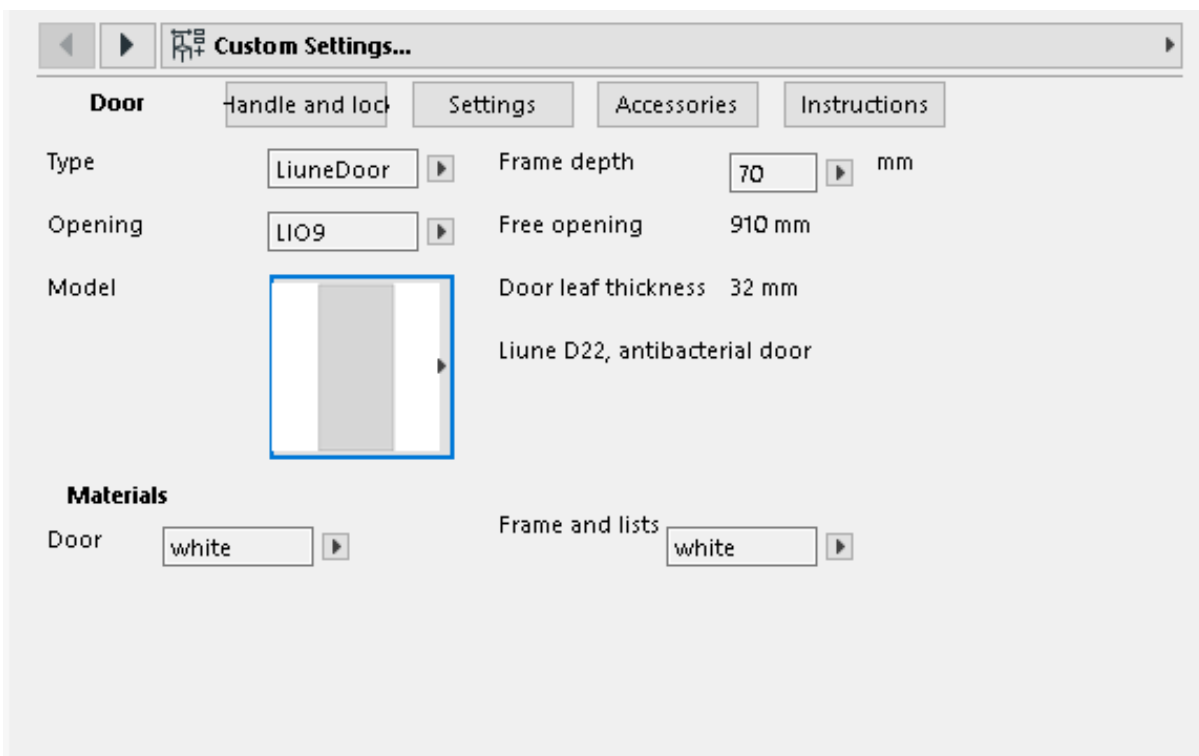
smooth black door

glass door black



MATERIALS

Liune D22 is antibacterail door. Liune Safe- the whole product have an antibacterial surface, on the door, frames and handle. Standard color is white, but other colors are possible if desired, according to the item's plans. The color of the handle is always the same as the surface of the door.




Custom Settings...

Door | Handle and lock | Settings | Accessories | Instructions

Type: LiuneDoor | Frame depth: 70 mm

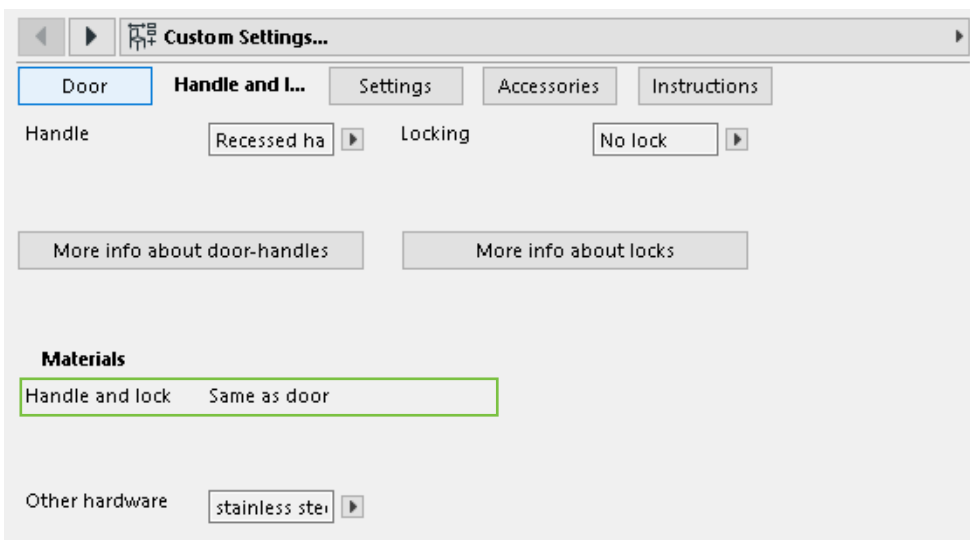
Opening: L109 | Free opening: 910 mm

Model:  | Door leaf thickness: 32 mm

Liune D22, antibacterial door

Materials

Door: white | Frame and lists: white



Custom Settings...

Door | **Handle and lock** | Settings | Accessories | Instructions

Handle: Recessed ha | Locking: No lock

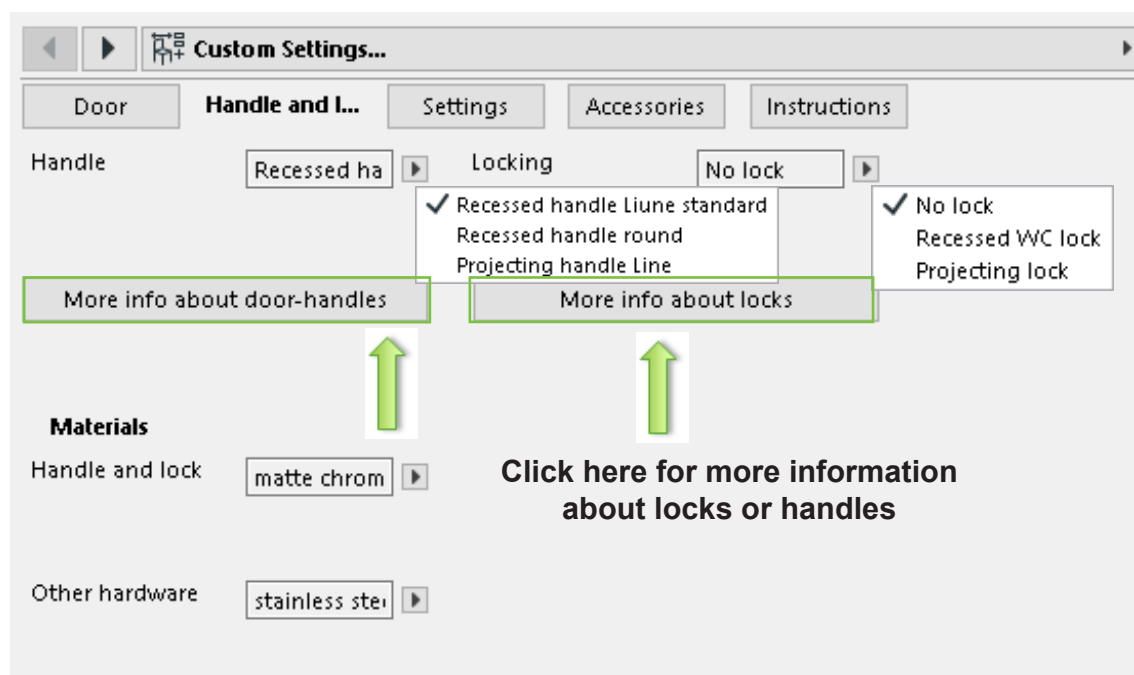
[More info about door-handles](#) | [More info about locks](#)

Materials

Handle and lock: Same as door

Other hardware: stainless steel

HANDLE AND LOCK



HANDLE AND LOCK

Glass door

Custom Settings...

Door **Handle and L...** Settings Accessories Instructions

Handle Locking

[More info about door-handles](#) [More info about locks](#)

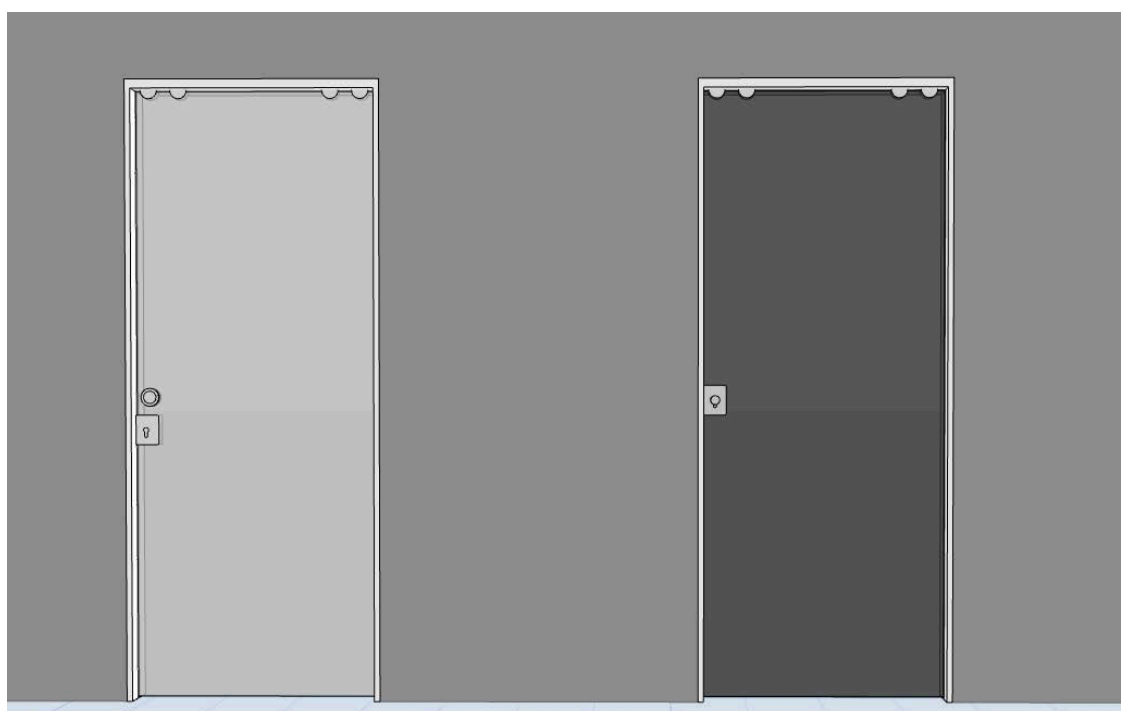
Materials

Handle and lock

Other hardware

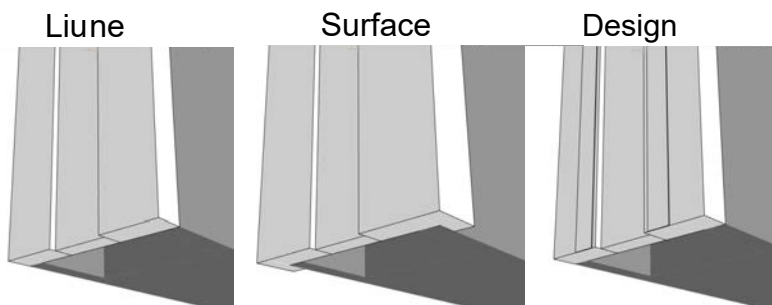
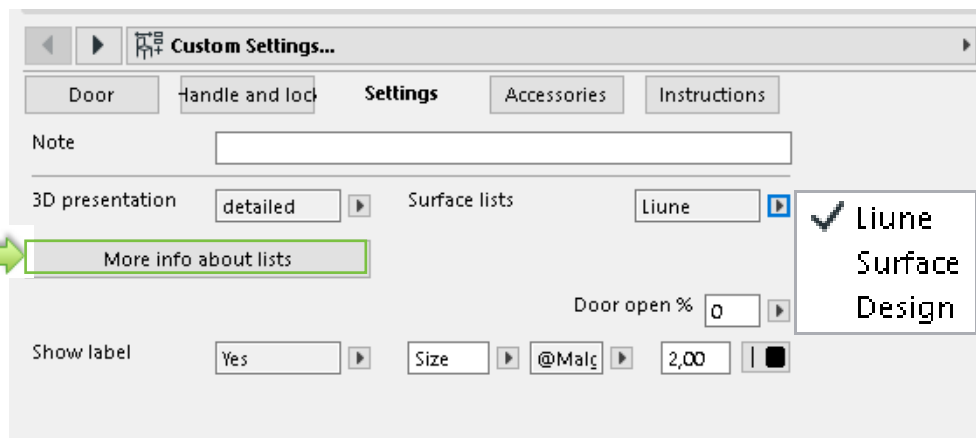
Click here for more information about handles or locks

Ei lukitusta
✓ Lasioven lukko avaimella
Lasioven lukko vääntimellä



FRAMES

Click here for more information



Have a pleasant design moments with
Liune objects!

LIUNE MANUFACTURE AND SALE

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liune@aulislundell.fi

www.liune.fi



Liune door valmistetaan ISO 9001:2015 laatu-
järjestelmän ja nykyisten määräysten sekä
asetusten mukaisesti CE-merkityistä profiileista.



LIUNE
SIMPLIFY YOUR DOORS