



Aulis Lundell Oy
Tarrankuja 2, FIN-08500 Lohja
Tel. +358 (0)20 7341 400
www.liunedoor.com

LiuneDoor



USER'S GUIDE FOR GDL LIUNE LIBRARY

LIUNE GDL - object is a planning tool, which is used in ArchiCAD 25 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
BLACK	D21 black
CITY	D24 solid door

SPACE DOOR

STAR	ELD8 2,3,4 mirror
STRIPE	ELD23 solid painted
CITY	ELD24 loft
JOY	ELD25 frame door
SMILE	ELD26 white or black

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
JOY	D25 frame door
SMILE	D26 frame glass door

ACOUSTIC DOORS

CALM	D18 dB door
-------------	-------------

DECORATION DOORS

SURFACE	D15 classic sliding
----------------	---------------------

DESIGN DOORS

MY LIUNE	D14 print
ART	D20 art

LIUNE SAFE

SAFE	D22 antibacterial
-------------	-------------------

PARAMETERS AND USER INTERFACE

Door

PREVIEW AND POSITIONING

1750

2170


Anchors:

Sill to Story 0

100

Reveal to Wall Face

0



Flip

LIUNE SLIDING DOOR ELEMENT

Element

Standard

Model

Materials

Door

Frame depth: 95 mm

Opening: LIO8

Free opening: 810 mm

Door leaf thickness: 25 mm

Liune D2, Strength, laminate door

Jambs and casings: white

Handles and locks

Handle: **Recessed ha**

Locking: **No lock**

More info about door-handles

More info about locks

Materials

Handle and lock: **matte chrom**

Other hardware: **stainless ste**

Settings

Settings...

Note:

3D presentation: **detailed** | Door jambs: **Liune**

More info about jambs

Door open %: **0**

Show label: **No** | Size: **@Arial** | **2.00**

Custom Settings...

Door

Handle and lock

Settings

Accessories

Instructions

Electricliune hardware	Motion sensor	Locking side	Center	Opening side (insertion)
		<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
	Push switches	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Motion sensor		<input checked="" type="checkbox"/>	
	<i>Optional remote control</i>			

Instructions

Instructions...

ver. 221003

The Liune® delivery includes the ready-welded element, customized 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...
 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

liunedoor.com | Tarrankuja 2 • FIN-08500 Lohja • Tel +358 (0)207 341 400

SELECTING DOOR TYPE AND MODEL

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 (D4)



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

Selecting door type and model

Door type parameter selects whether Liune is the standard, automation, Extra-high, soundproof, renovation or sauna door. With automation, 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 'Valittu oven asetukset' (Selected door settings) window for a 'Liune Sliding Door'. The interface is divided into several sections:

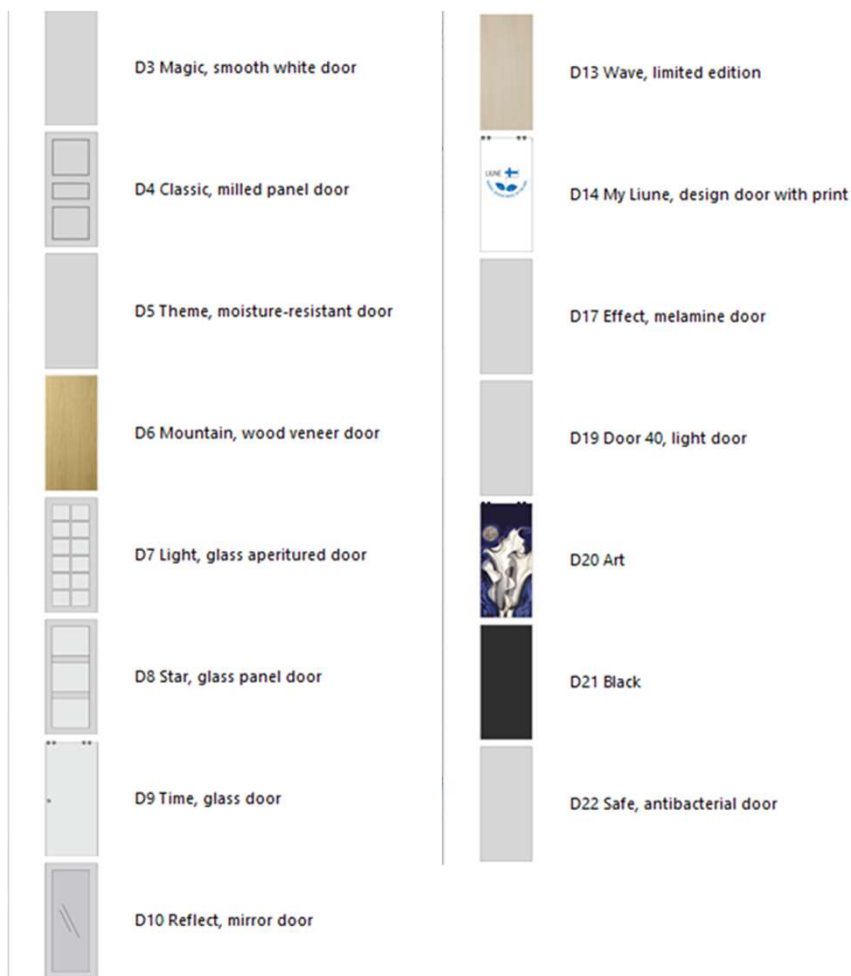
- Left Panel:** A library view showing folders like 'Sisäinen kirjasto' and 'Ulkoiset kirjastot', and a grid of door type icons: 'Liune Corner Door', 'Liune Sliding Door', 'Liune Space door', and 'Liune Surface Door'.
- Top Right:** A list of door types: Standard, Extra high, Automation, Soundproof, Renovation, and Sauna.
- Center:** A configuration area for the 'Liune Sliding Door' with dimensions (1550, 2170) and a 3D door model. Below it, the 'LIUNE SLIDING DOOR ELEMENT' section shows a dropdown for 'Element and door...'.
- Bottom Left:** A list of parameters including 'Element', 'Model', 'Materials', and 'POHJA JA LEIKKAUS'.
- Right Side Callouts:**
 - A menu titled 'Element and door' with options: Handle and lock, Settings, Accessories, Instructions, Sisäänvedon asetukset, and Kaikki parametrit.
 - A dropdown menu showing frame depth options: 66, 70, 75, 95, 120.
 - A dropdown menu showing model options: LI07, LI08, LI09, LI010, LI012, LI012 DD, LI014 DD, LI016 DD, LI018 DD, LI020 DD, LI022 DD.
 - A dropdown menu showing door leaf thickness options: 25, 40.
 - A list of door models: D3 Magic, smooth white door; D4 Classic, milled panel door; D5 Theme, moisture-resistant door; D6 Mountain, wood veneer door.

Annotations with arrows explain dependencies:

- '(depends Archicad language version in use)' points to the 'Element and door' menu.
- 'by element and model' points to the 'Element and door...' dropdown.
- 'by model and frame depth' points to the model and frame depth dropdowns.

SELECTING DOOR TYPE AND MODEL

LiuneDoor



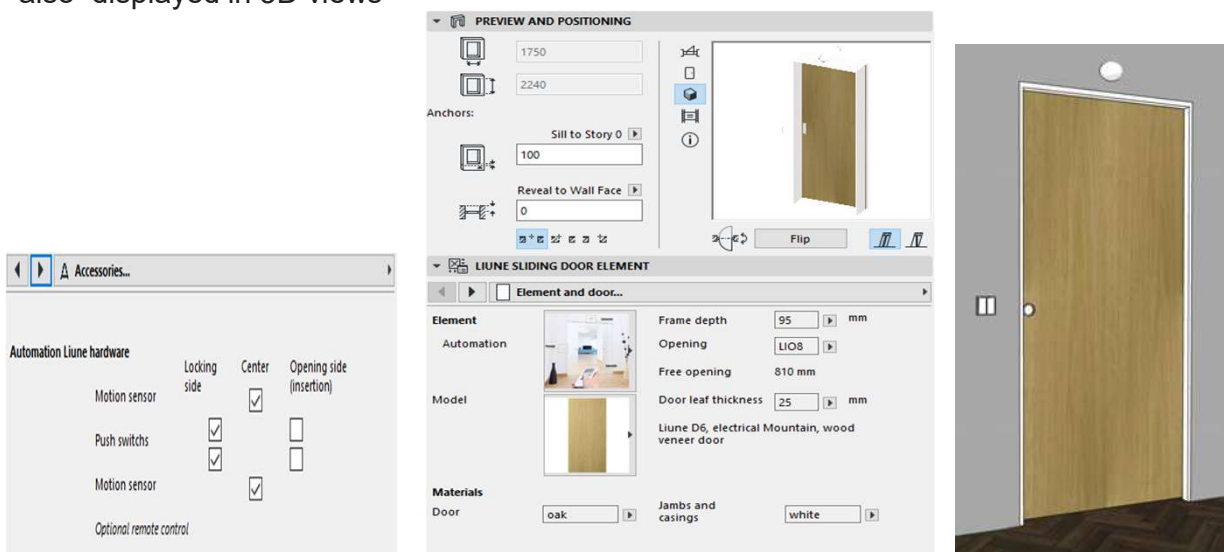
LiuneDoor Parameters

Liune element type	Standard		
Door Model	Liune D2		
Description	Strength, laminate door		
Handle	Recessed handle Liune standard		
Handle Model			
Lock	No lock		
Note			
OPENING SIZE	L109		
Opening Label	L109_L12		
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 (ClassiLiune)	<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 - Vermilion		<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 0=Liune	GENERAL		
Frame and list material	white		
AC Frame and list material	GENERAL		
AC designlist effect	GENERAL		
Mirror Material	clear		
AC Mirror Material 0=Liune	GENERAL		
Handle Material	matte chrome		
AC Handle Material	GENERAL		
Lock Plate Material	white		
AC Lock Plate Material, 0=Door Ma...	GENERAL		
Hardware Material	stainless steel		
AC Hardware Material	Metal - Stainless Steel		<input type="checkbox"/>
AC Switchs Material, 0=White	GENERAL		
AC Sensor Material, 0=White	GENERAL		
GLASS MATERIAL, SAUNA WINDOW	Glass - Clear Fast		<input type="checkbox"/>
Picture name (D14)	Picture		
2. picture name (D14)	Picture2		
Picture name (D20)	Muumpappa onkii		
2. picture name (D20)			
2D PRESENTATION			
2D Pen (0=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 (0=2D Pen)	Transparent	0	<input type="checkbox"/>
Opening Edges (0=Wall Contour P...	Transparent	0	<input type="checkbox"/>
English version			<input checked="" type="checkbox"/>

SELECTING DOOR TYPE AND MODEL

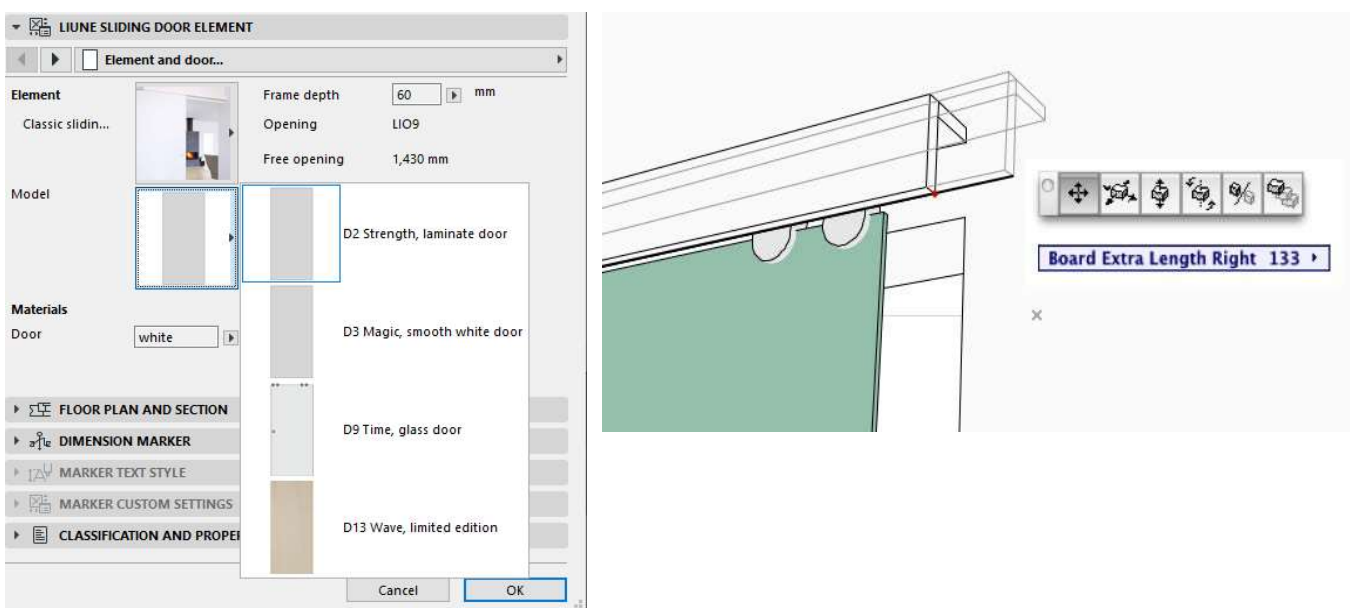
Automation Liune

Use Automation Liunes the adjustments tab to select switches and motion detectors, which are also displayed in 3D views



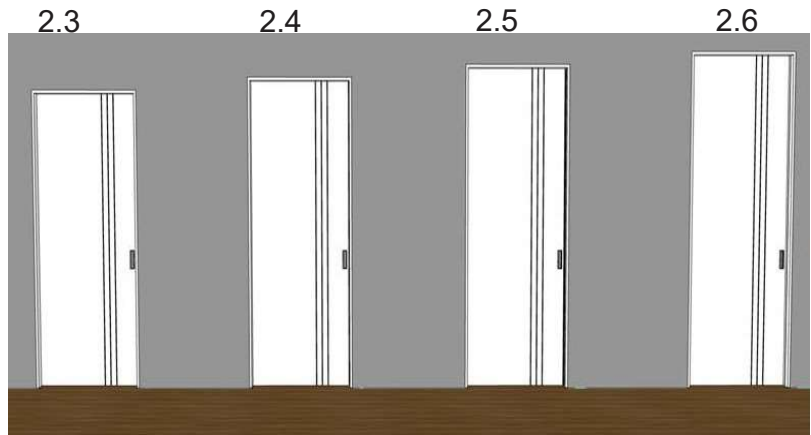
Classic sliding door

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

Extra high door



Liune Sliding Door Selected: 1 Editable: 1

PREVIEW AND POSITIONING

1750
2420

Anchors: Sill to Story 0
100

Reveal to Wall Face
0

LIUNE SLIDING DOOR ELEMENT

Element and door...

Element: Extra high

Model: Liune D1, Hope, interior door

Materials: Door white, Jambs and casings white

Frame depth: 95 mm
Opening: LIO8
Free opening: 810 mm
Door leaf thickness: 40 mm

- Element and door
- Handle and lock
- Settings
- Accessories
- Instructions
- Reveal Settings
- All Parameters

OPENING SIZE	LIO8
Opening Label	LIO8
Opening Width	810
Door Leaf Width	831
Door Leaf Height	2310
Plasterboard Opening Width	847
Plasterboard Opening Height	2325
Element Width	1735
Element Height	2380
Installation Space Width	1750
Installation Space Height	2420
Frame thickness	95
Door Leaf thickness	25

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

- ✓ LIO7
- LIO8
- LIO9
- LIO10
- LIO11
- LIO12

Element and door...

Element: Soundproof

Model: Liune D18, Calm, acoustic door

Materials: Door white, Jambs and casings white

Frame depth: 95 mm
Opening: LIO8
Free opening: 760 mm! <<<
Door leaf thickness: 25 mm

Soundproof door 25dB (Rw=32dB)

More info

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.

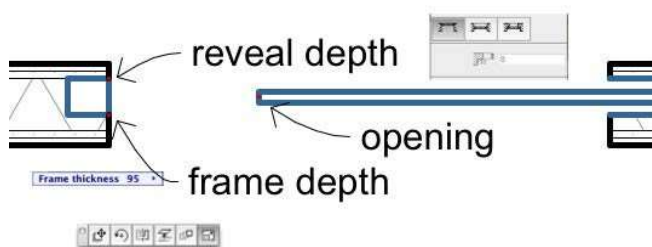
Door reveal and frame depth

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.

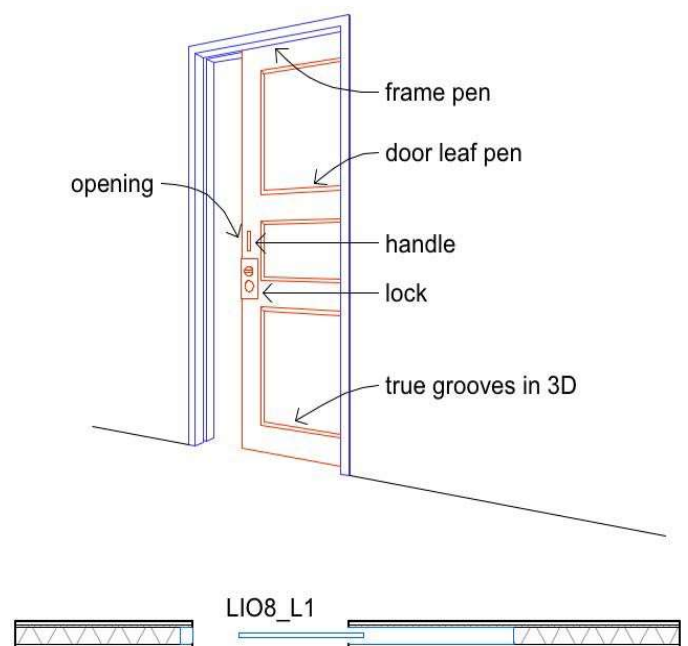
Free passageway

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.



Door opening

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



SYMBOL PENS

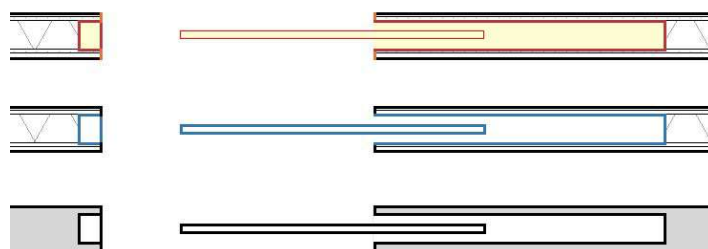
Symbol pens

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.

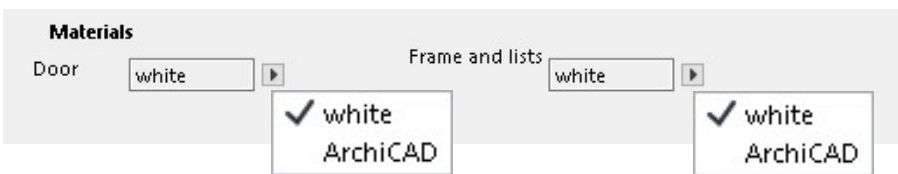
SYMBOL & OUTLINE				
	Override Object's Line Types			<input checked="" type="checkbox"/>
	Override Object's Pens			<input checked="" type="checkbox"/>
	Symbol Line	Solid		<input type="checkbox"/>
	Symbol Line Pen	0.13 mm	1	<input type="checkbox"/>

- 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.

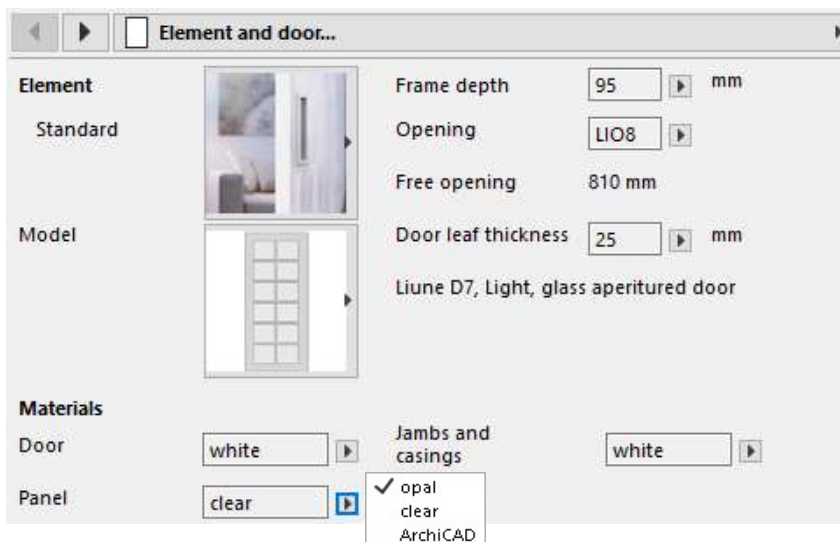


MATERIALS

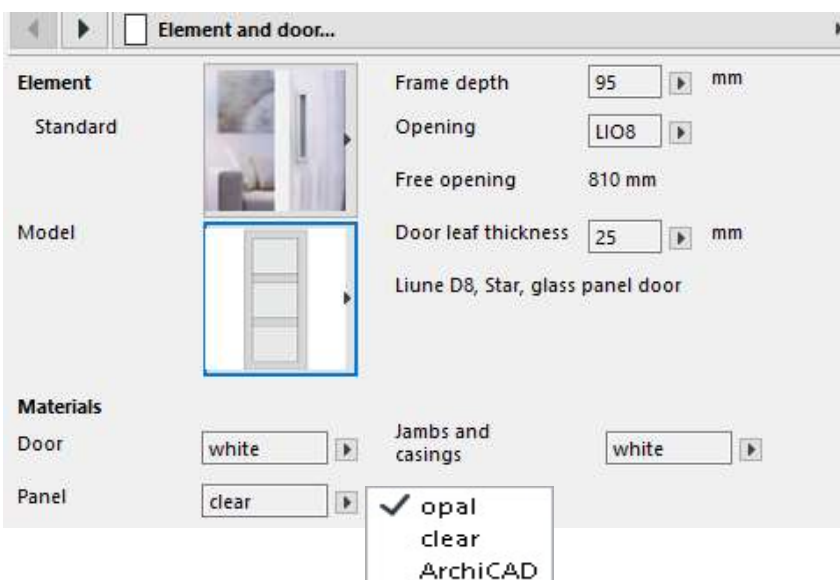
The basic materials for the door are taught to the object, and they are easy to select from the pop-up list. By choosing the "ArchiCAD" appears in the sub menu, where you can select any other special color or specific material for. Some of the materials provides only a parameter list.



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

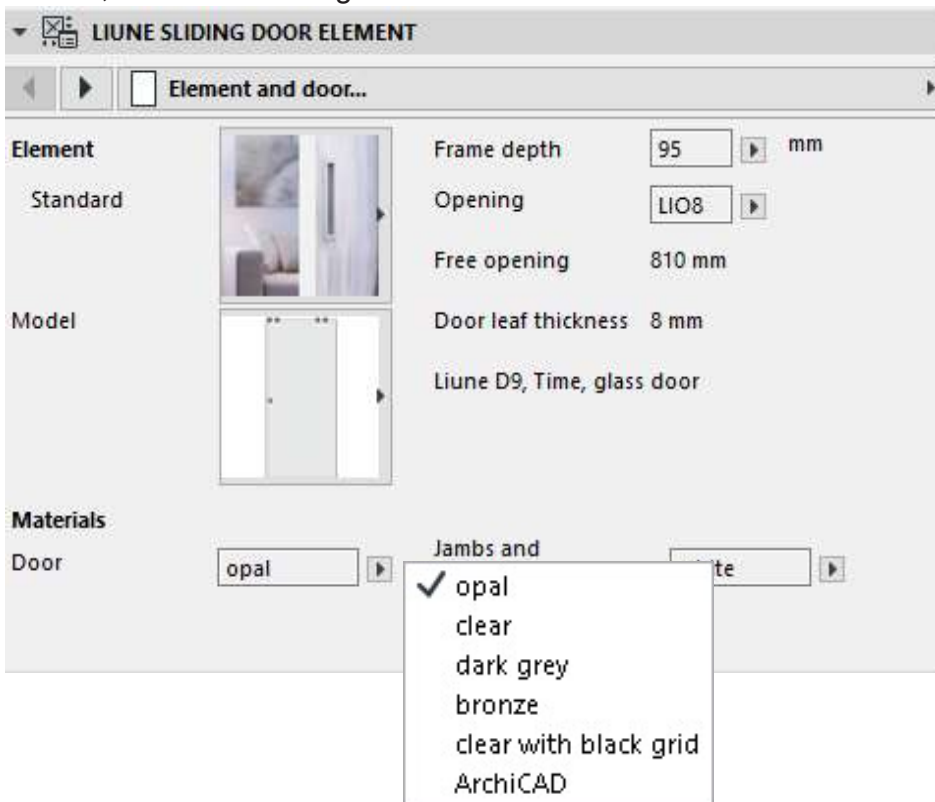


Liune D8 on panel door, whose glass selectable colors in the library are opal, clear or ArchiCAD.



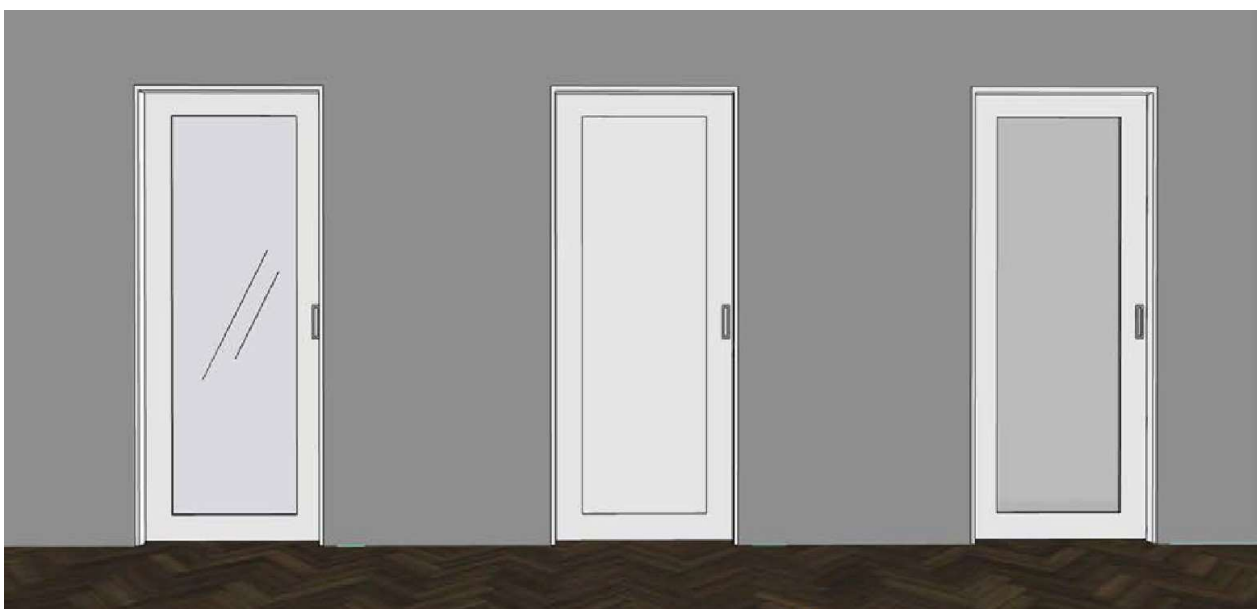
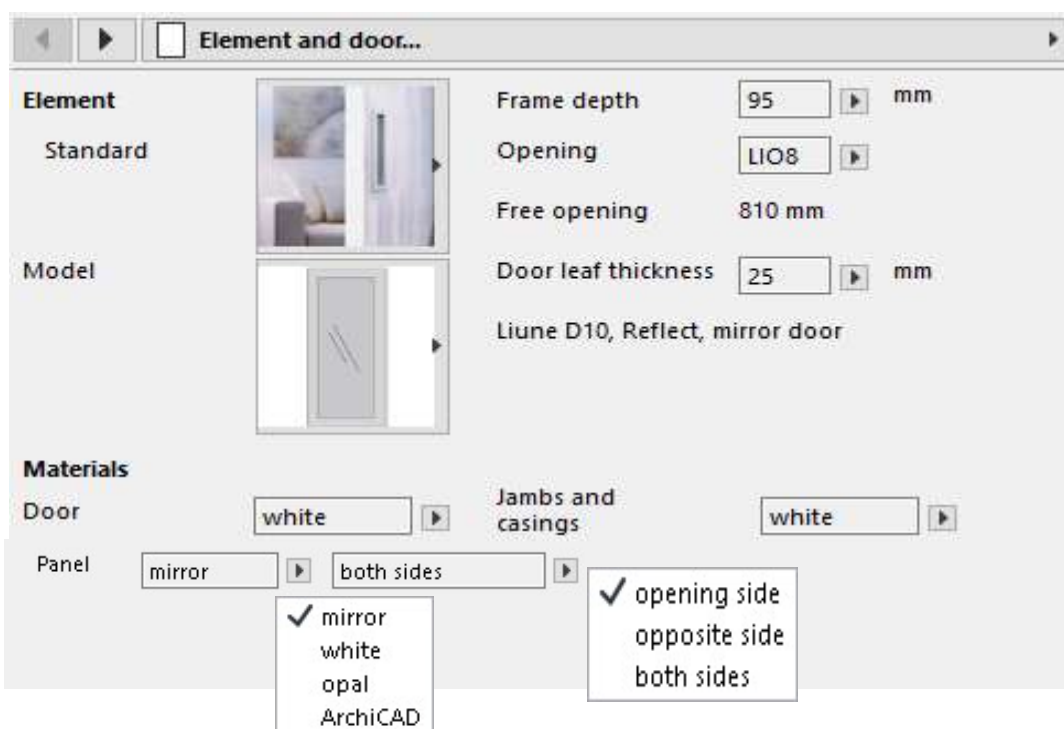
MATERIALS

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



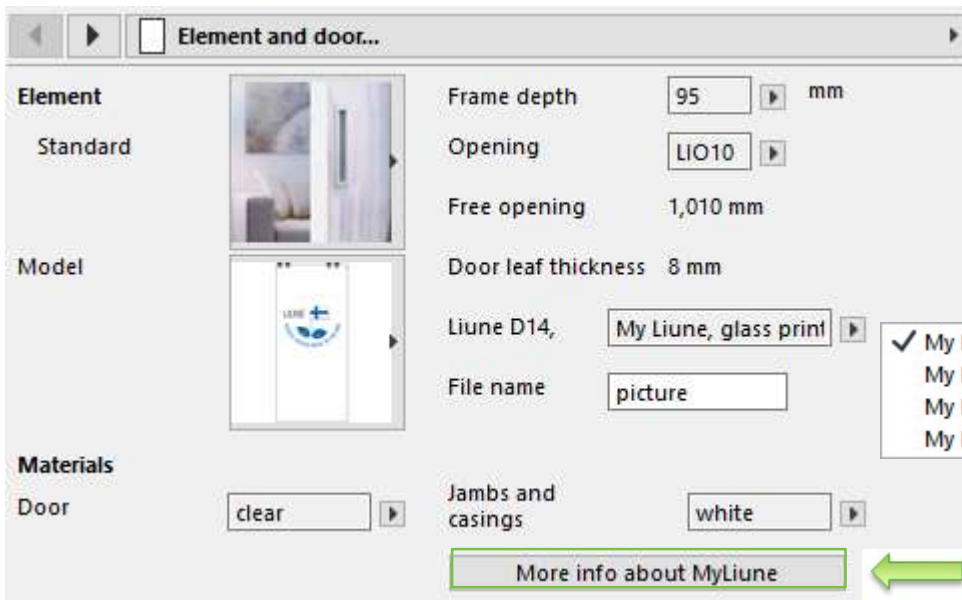
MATERIALS

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.

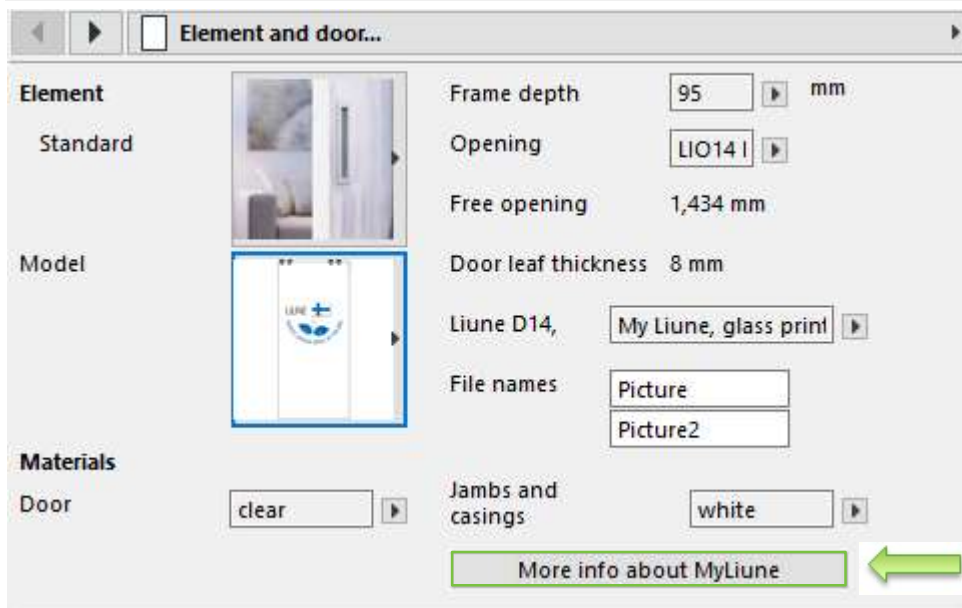


MATERIALS

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. <https://www.liunedoor.com/taide>



Click here for more information



Click here for more information

MATERIALS

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

Element and door...

Element: Standard

Model: Liune D20, Art

Art name: Maaginen hetki

Materials: Door: white

Frame depth: 75 mm

Opening: L10121

Free opening: 1,234 mm

Door leaf thickness: 25 mm

Jams and casings: white

(Picture placement is preliminary)

See more artists from website >>> More info about Art

Single door

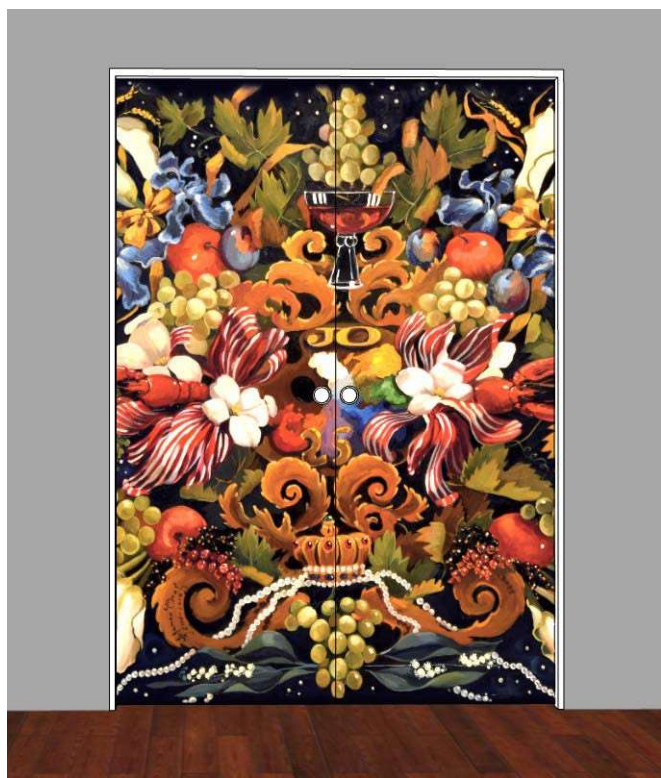
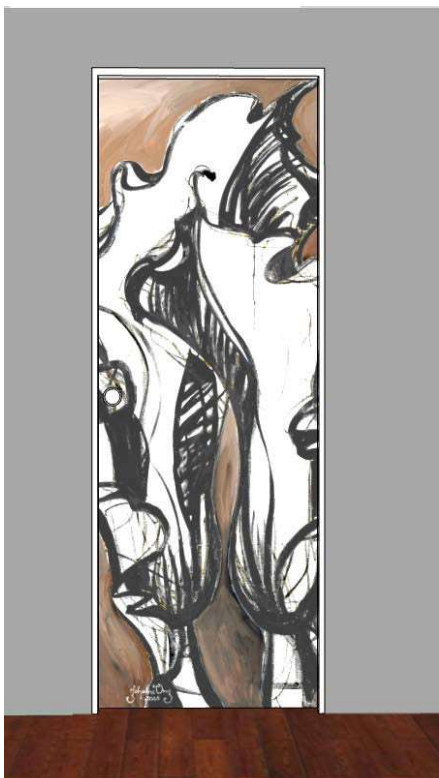
→

- ✓ Yön sylissä
- Rakkauden pyörteissä
- Passion
- Magical World of JO
- Blue Velvet
- All that she wanted
- All that he had
-
- Hemuli kalassa 1
- Hemuli kalassa 2

Double door

→

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



MATERIALS

Moomin door, whose materials are selectable from “Art name” and pictures are different if it is selected single or double doors. (Picture placement is preliminary).

Element and door...

Element: Standard

Model:

Materials: Door: white

Frame depth: 75 mm
 Opening: LIO9
 Free opening: 910 mm
 Door leaf thickness: 25 mm
 Liune D20, Art
 Art name: Muumi ja Nii
 (Picture placement is preliminary)
 Jambs and casings: white

See more artists from website >>> More info about Art

Single door

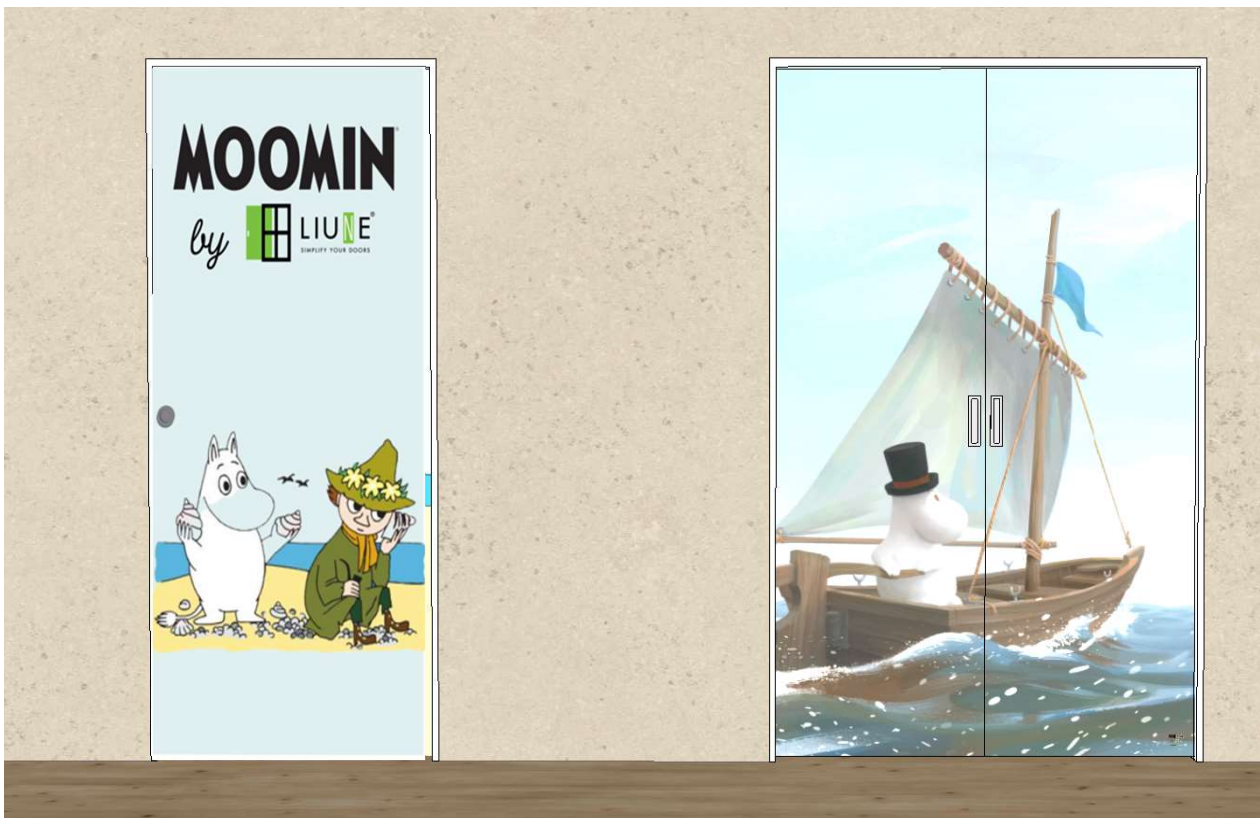


-
- Hemuli kalassa 1
- Hemuli kalassa 2
- Hemuli kalassa 3
- Hemuli kalassa 4
- ✓ Muumi ja Niiskuneiti 1
- Muumi ja Niiskuneiti 2
- Muumi ja Niiskuneiti 3
- Muumimamma ja muuttolinnut 1
- Muumimamma ja muuttolinnut 2
- Muumimamma ja muuttolinnut 3
- Muumimamma rannalla
- Muumipappa onkii 1
- Muumipappa onkii 2
- Muumipappa onkii 3
- Muumipappa onkii 4
- Niiskuneiti sateessa
- Nuuskauiikkunen ja Muumi rannalla
- Nuuskauiikkunen ja onki 1
- Nuuskauiikkunen ja onki 2

Double door

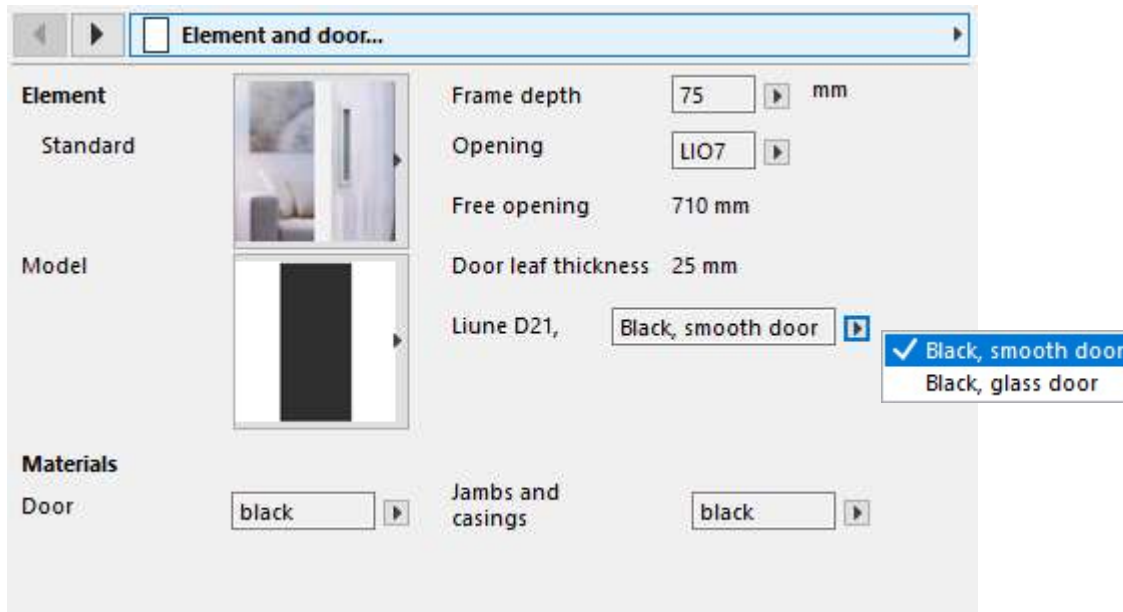


-
- Muumipappa ja meri
- Muumipappa purjehtii



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.

◀ ▶ Element and door... ▶

Element		Frame depth	75	▶	mm
Standard		Opening	LIO8	▶	
		Free opening	810 mm		
Model		Door leaf thickness	32 mm		
		Liune D22, Safe, antibacterial door			
Materials					
Door	white ▶	Jambs and casings	white ▶		

◀ ▶ Handle and lock... ▶

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 ste ▶		

HANDLE AND LOCK

Handle and lock...

Handle

Recessed ha [dropdown]

Aune 60mm [dropdown]

No lock [dropdown]

More info about door-handles

More info about locks

Materials

Handle and lock chrome [dropdown]

Other hardware stainless steel [dropdown]

Click here for more information about locks or handles

- ✓ Recessed handle Liune standard
- Recessed handle round
- Projecting handle Line
- ✓ Aune 60mm
- Leo 46mm
- Lyra 60mm
- ✓ No lock
- Recessed WC lock
- Projecting lock



HANDLE AND LOCK

Glass door

LIUNE SLIDING DOOR ELEMENT

Handle and lock...

Handle: Recessed ha | Lara 60mm

Locking: No lock

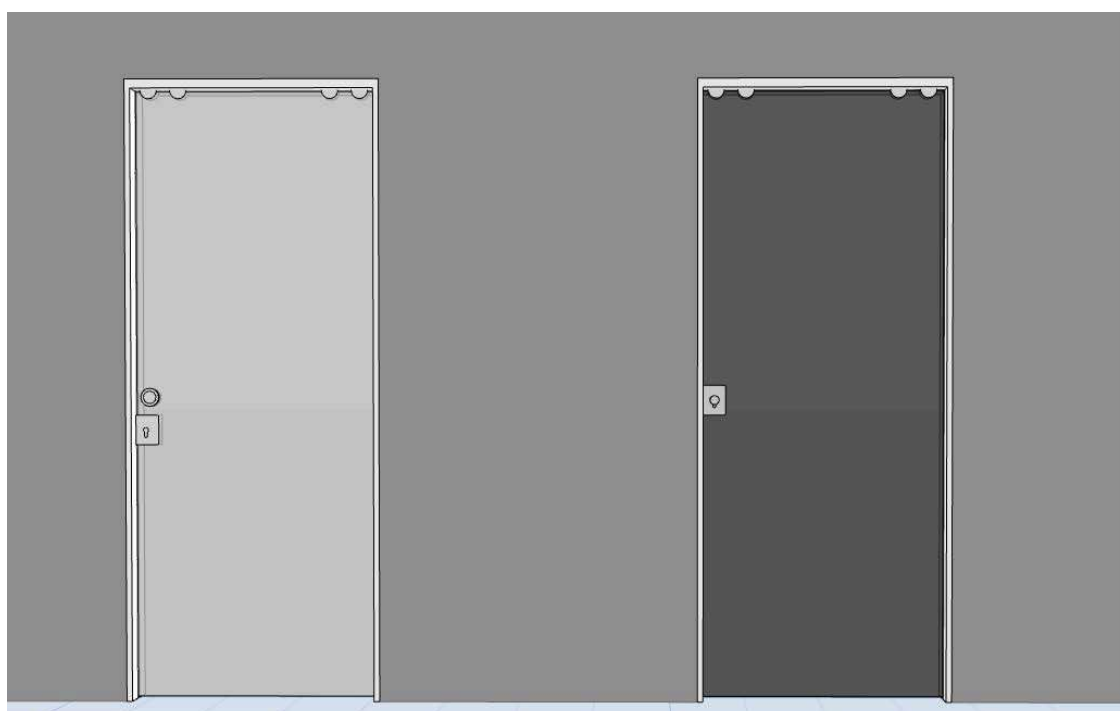
More info about door-handles

More info about locks

Materials: Handle and lock: inox

Other hardware: stainless ste

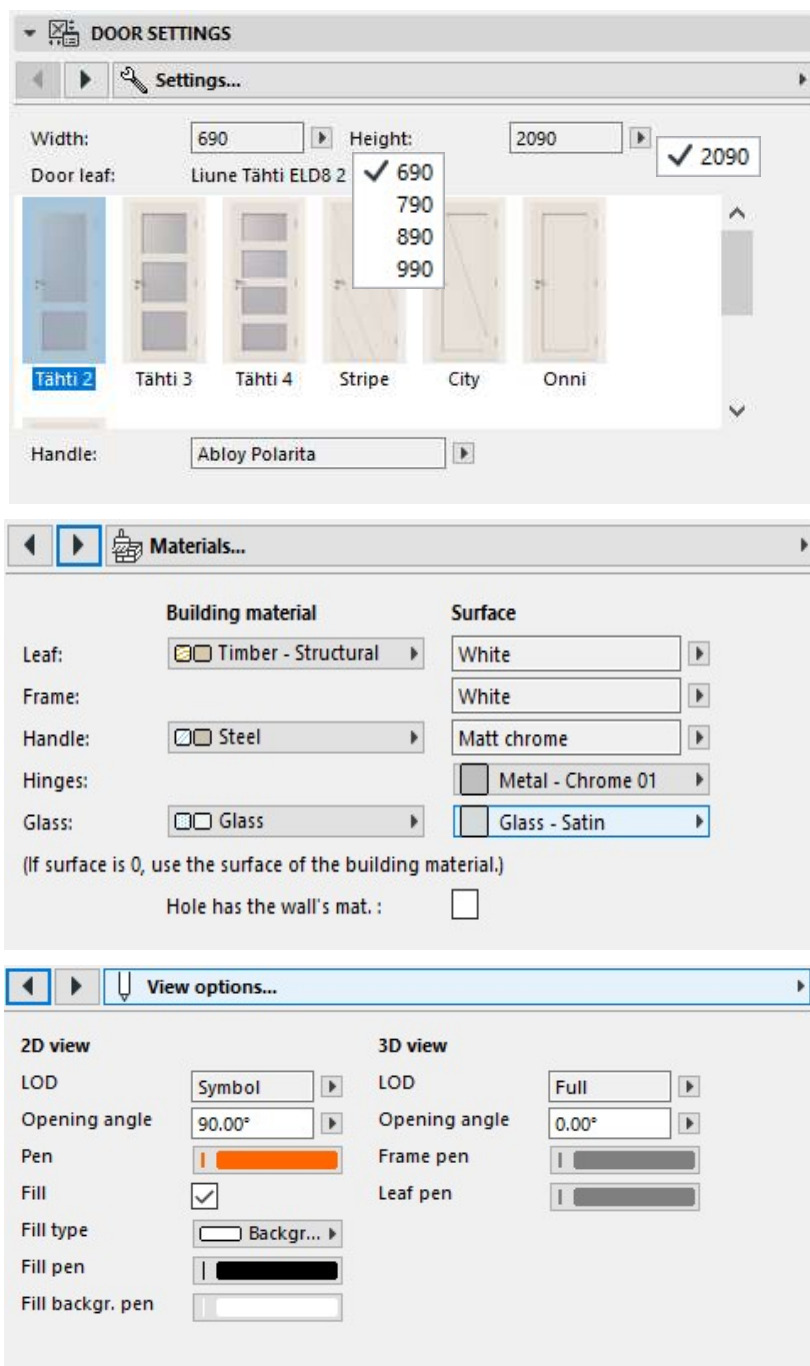
Click here for more information about handles or locks



SPACE DOOR

Liune space door

Liune space collection has been created which you can use together with Liune sliding door. They come in different width but the height are the same . You can use different material for handle and door leaf form the material section .



DOOR SETTINGS

Width: 690 | Height: 2090

Door leaf: Liune Tähti ELD8 2

- Tähti 2
- Tähti 3
- Tähti 4
- Stripe
- City
- Onni

Handle: Abloy Polarita

Materials...

	Building material	Surface
Leaf:	Timber - Structural	White
Frame:		White
Handle:	Steel	Matt chrome
Hinges:		Metal - Chrome 01
Glass:	Glass	Glass - Satin

(If surface is 0, use the surface of the building material.)

Hole has the wall's mat. :

View options...

2D view		3D view	
LOD	Symbol	LOD	Full
Opening angle	90.00°	Opening angle	0.00°
Pen	[Orange]	Frame pen	[Grey]
Fill	<input checked="" type="checkbox"/>	Leaf pen	[Grey]
Fill type	Backgr...		
Fill pen	[Black]		
Fill backgr. pen	[White]		

LIUNE ELEMENTS

Liune elements

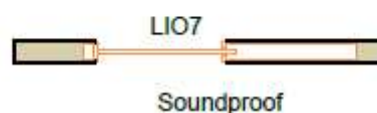
Liune elements are available for wooden and glass doors. There are 8 different elements type like Classic sliding door, Sound proof, Extra high, Automation, Standard, Renovation, Sauna and Corner door element.

The door leaf can be combined with different kind of elements. The elements frame depth are available in different sizes, depending on element types.

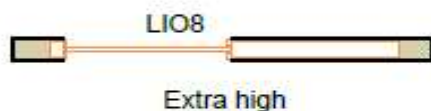
Standard



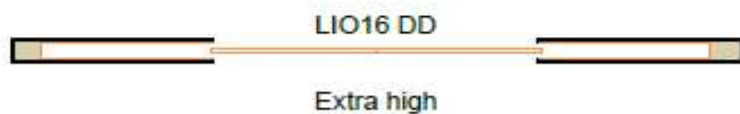
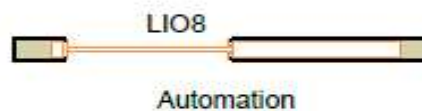
Soundproof



Extra high

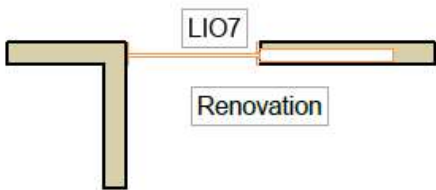


Automation



LIUNE
ELEMENTS

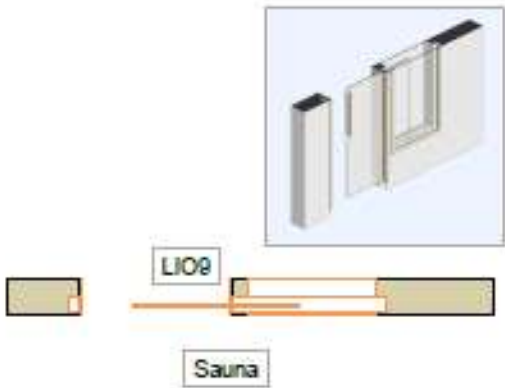
Renovation



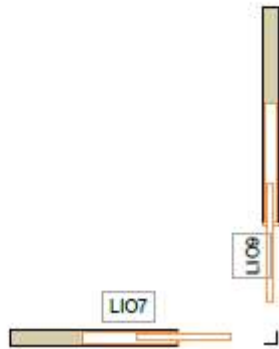
Classic sliding door



Sauna



Corner Door

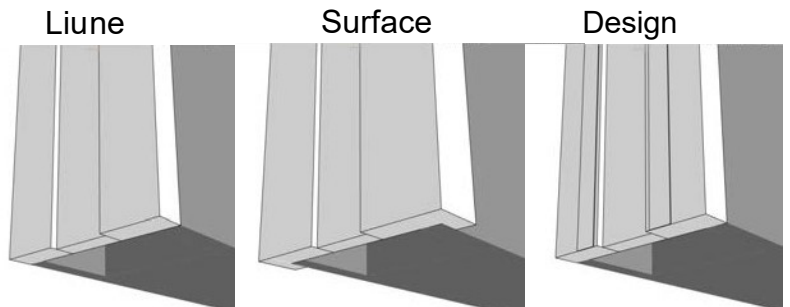
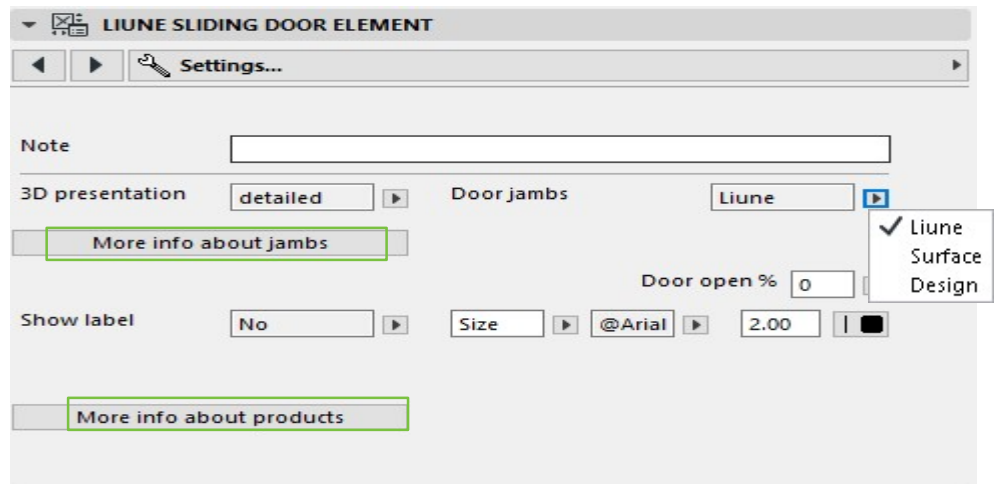


FRAMES

Click here for more information



Click here for more information



Have a pleasant design moments with Liune objects!

LIUNE MANUFACTURE AND SALE

Aulis Lundell Oy

Tel +358 (0) 20 7341 400
first.lastname@aulislundell.com

sales@liunedoor.com
www.liunedoor.com



Liune door valmistetaan ISO9001:2015 laatu-
järjestelmän ja nykyisten määräysten sekä
asetusten mukaisesti CE-merkityistä profiileista.

