

LIUNE DOOR ■ PARTITION WALL ■ FRAME ■ JAMB KIT

# Liune Door System

## PRODUCT GUIDE



**LIUNE**<sup>®</sup>  
SIMPLIFY YOUR DOORS

#LIUNEDOOR #MADEINFINLAND #SLIDINGDOOR

Liune Frame

We grant a 10 Year warranty for the Liune Door Frame. This presupposes that the installation instructions have been followed correctly and that the products are used for their intended purpose.

Warranty period

The warranty period for the frame is valid ten (10) years from the date of purchase. The original receipt of payment is required as proof of purchase.

Warranty covers what?

The warranty covers the factory manufactured Liune steel pocket door frame for internal partition walls . The designer of the object is responsible for the suitability of the use of the product in the object and that the product is used for its intended purpose.

If problems occur

The manufacturer will examine and decide whether the detected fault is covered by the warranty or not. If the warranty coverage applies to the fault, the manufacturer repairs it. The manufacturer pays for the repair cost and the work and travel expences of the repairers, provided that the accessibility to the product does not cause any additional costs. This does not apply to repair works that the manufacturer has not authorized.

What the warranty does not cover:

The warranty does not apply if the product was defect when installed, incorrectly installed or if the damage is caused by improper storage, inappropriate use or has been modified.

Neither does the warranty cover normal wear and tear, defects caused by accidents, nor the effects of chemical reactions.

Maintenance instructions

No maintenance is needed.

Installation

A defect door frame is not to be installed. If the frame is defect, contact the manufacturer. The frame is to fastened when one side of the partition wall has been sheeted, or to the vertical partition wall studs on both sides of the door frame. The straightness and level of the frame has to be secured. If you are uncertain about the installation, contact a professional builder.

Legislation

The Buyer has rights under chapter 5 of the Consumer Production Act, which is not limited by this warranty.



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LIUNE PRODUCT GUIDE

The technical and other product information provided in this manual is of an informative nature and is subject to continuous modification by Aulis Lundell Oy.

The information is based on data available at the time of printing. Aulis Lundell Oy reserves the right to change the information/files mentioned in this manual. The information in this manual supersedes that presented in previously dated brochures and other documents.

In case of any uncertainties, we kindly ask you to contact us directly, as well as if you have any suggestions for corrections and modifications.

Liune Door is a design-protected product. Liune Door is manufactured in accordance with the ISO 9001:2015 quality system and current regulations and requirements. Additionally, Liune Door is protected in the EU, Norway, and the USA.

The Liune pocket door frame is suitable for both new construction and renovation projects in residential and commercial properties.

Liune's wall-integrated pocket doors increase the space, functionality, and safety in every room. In addition to residential applications, Liune can also be used in hotels, offices, nursing homes and hospitals

A partition door divides space by obstructing the line of sight and noise from surrounding spaces. A good partition door is unobtrusive and it insulates sound effectively. When you choose a pocket door, you can effortlessly divide or connect spaces when needed.

A partition door is also a visible interior design element that adds a significant touch of style to the visual aesthetics of the space.

Liune is a suitable partition door for every interior space. Whether your need is in the kitchen, bathroom, or even in the walk-in closet, you can get a stunning partition door from us that slides into the wall, creating more space for you.

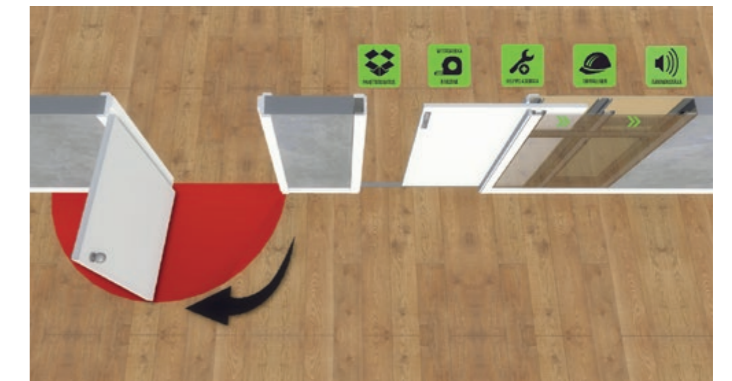


## PLAN CAREFULLY

Spaces usually don't naturally flow into adjacent rooms when a turning door dominates the doorways. During the initial planning phase, it's easy to incorporate Liune pocket doors between spaces. You can also design your interior already on the floor plan by using both hinged doors and pocket doors where they are best suited.

## LIUNE ALSO HAS A DOUBLE DOOR SYSTEM

By opening the double doors, you can easily create a large, unified space.



## UTILIZE SPACE WITH A POCKET DOOR

It's usually a good starting point to plan your door based on the space's needs and usage based on the floor plan. Liune solves many of the issues that can arise with turning doors.



## VERSATILE LIUNE

Liune is also suitable for wet spaces and saunas.

## CREATE WORKSPACES OR YOUR OWN HOME OFFICE WITH LIUNE

With Liune's pocket door you can create fantastic workspaces that are quite and comfortable.



## GETTING CRAMPED SPACES IN ORDER

Liune pocket door frame fits into surprisingly narrow wall spaces.

## STRUCTURAL PROPERTIES

LIUNE is a sliding-door frame which is installed inside the partition wall so that the door leaf slides into the wall.

LIUNE is a partitioning pocket door, a carefully designed solution that gives you access to every square foot.

The LIUNE frame is a part of the interior partition wall structure of apartments and is installed during the construction of the partition wall.

**LIUNE sliding-door units can be installed** inside partition wall systems of different depths. Frame depths are 66 mm, 70 mm, 75 mm, 95 mm and 120 mm.

**The standard doorway widths are** Li06, Li07, Li08, Li09, Li010, Li011 ja Li012, Li014, Li016, Li018, Li020 ja Li022. Liune can be installed in all types of partition walls, steel, wood and concrete.

**Liune's sliding-door frame** 66 mm Li09 weighs 29 kg.

**The weight of other sizes vary** by +/-1kg /wall thickness.

**There are several door leaf alternatives in the Liune collection to choose from.** See the alternatives in Liune Door brochure or on [www.liunedoor.com/products](http://www.liunedoor.com/products). The basic model is a white, smooth 25, 32 and 40 mm MDF door.

**The door leaf can easily be replaced** later without dismantling the wall structure. Simply remove the door jambs on one side of the door and lift out the door leaf.

**The LIUNE door frame** is equipped for electrical installations in 95–120 mm frames, for example, for outlets and light switches. Therefore, it's important to plan and make the necessary openings in the partition wall structure before installing Liune.

The depth of the frame and the partition wall, as well as the thickness of the door leaf, determine whether electrical outlets are installed as recessed or surface-mounted.



## STRUCTURAL PROPERTIES



The Liune delivery package includes a prefabricated (welded) doorframe, the chosen door leaf(s) and fitting door jambs.

# DELIVERY CONTENTS

The LIUNE delivery includes the following components



**INSTALLATION INSTRUCTION**  
[www.liunedoor.com/en/installation](http://www.liunedoor.com/en/installation)

### Door mechanisms and screws

- The Liune -door leafs usually come pre-equipped from the factory.
- Soft-closers can be ordered as additional accessories.
- Screws (length 22 mm QSB) for sheeting the frame and fastening the jambs come with each delivery.

**USE ONLY THE SCREWS PROVIDED IN THE DELIVERY.**

### Types of screws:

- Normal plasterboard countersunk screw, QSB 22
- Hardened plasterboard countersunk screw, QSB 22

### Instructions

- Installation instructions for the frame, the door leaf and the jambs are included in the delivery. The delivery also includes maintenance and usage instructions.

### Liune frame

- The frame of the sliding-door unit is manufactured from hot-dipped galvanized steel. The frame acts as a part of the partition wall structure and can be used to attach various types of furniture provided that separate instructions are followed.
- Sliding-door unit 66 mm, 75 mm, 95 mm, 120 mm.

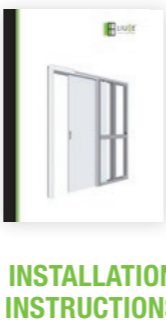
- The heights of the doors range from 2100 to 2600 mm.
- The frame has provisions for electrical wiring.
- The bottom track of the frame comes pre-fitted with a door guide for solid doors. Door guides for glass doors come with the delivery.

### Jambs

- The jambs are white NCS S-0502-Y.
- The jambs are sized for a single layer of plasterboard. Bespoke jambs for different wall depths can be ordered separately. The jambs are delivered pre-cut to correct lengths.
- Wet spaces have their own moisture resistant jambs and the sauna jambs are made of thermal aspen.

### Liune Door

- Doors with recessed handles slide entirely into the structure's pocket, allowing full access of the doorway thanks to the popup-latch at the rear of the door. The handles, hangers and popup-latches are normally pre-fitted already in the factory.
- The standard color for the door leafs is natural white NCS S-0502-Y (RAL 9010). Doors can also be ordered in different colors from the RAL and NCS color charts. Alternatively, veneer doors, wood doors, glass doors, and combination doors in MDF/glass are available as options.
- The door thicknesses 8, 25, 32, 40 mm.
- The standard sizes of the doors are 2100, 2300, 2400, 2500 and 2600 mm.



**LIUNE**  
**NORDIC**  
**DESIGN**





## THE LIUNE DOOR DELIVERY PACKAGE INCLUDES

- DOOR • FRAME • JAMB KIT
- ACCESSORIES • INSTALLATION INSTRUCTIONS

## YOU CAN INQUIRE FOR FURTHER INFORMATION

+358 207 341 400



All the details of Liune are preassembled at the factory.

The manufacturer's instructions must be followed during storage.

## Sliding-door frame

- The door frame can be stored outdoors if protected, unless stated otherwise in connection with the delivery.

## The painted door leaf and jambs

- Store the door leaf horizontally on a pallet or flat surface on the dry building site for at least 1 day. If the door leaf is stored for a longer period of time, we recommend that the package is turned around from time to time.
- Door casings (not included in the delivery) are attached to the door jambs by using brad nails, which means that the door leaf and jambs are replaceable without damaging the wall structure.

**WE DO NOT TAKE RESPONSIBILITY FOR INSTALLATIONS THAT DO NOT ADHERE TO THE INSTRUCTIONS.**

Leave the sheeting supports and protections attached to the frame until the installation of the door leaf.

## Glass door

- The glass door is made of tempered safety glass, which endures substantial loads and impacts parallel to the glass plane when installed within the frame. When installing the glass door, ensure that the glass edge does not come into contact with hard floor or wall surfaces. Glass should never be handled carelessly or recklessly. The edges are the most fragile parts of the glass. If a sharp impact occurs on the glass or its edge, it will shatter into small pieces.
- If a crack appears on the glass edge, the glass should not be used, as there is a clear risk of glass breakage during or after installation. The glass manufacturer or secondary processor is not liable for glass breakages occurring during or after installation.
- Store the glass in its transport rack until installation.

## Delivery time for the door frame:

The frame is delivered during the partition wall construction phase. The frame can be stored at the construction site on a flat surface, either in a vertical or horizontal position without overloading.

## IMPORTANT TO NOTE!

- When moving the door frame on the construction site, be careful not to bend the door frame's sliding rail or the frame itself.
- If the frame is damaged, do not install it.

# INSTALLATION INSTRUCTIONS FOR THE PARTITION WALL AND DOOR FRAME

The Liune frame is installed during the construction of the partition walls. The sound insulation properties of the partition walls are considered in the overall structure. The Liune pocket-door solution is designed to be highly soundproofing, enhancing the comfort of the space.



## Pocket-door frame installation

**1.** The floor surface on which the door frame is to be installed must be straight and intact. The opening in the partition wall should be constructed according to the dimensions provided in this manual. Refer to the sample partition wall structure on the adjacent page.

Pocket-door unit 66, 70, 75, 95 and 120 mm -> door sizes Li06-Li020.

The bottom edge of the door frame must be level with the finished floor surface during installation. Therefore, the final height of the installation opening constructed for the door frame is determined by the height of the floor level. The opening dimensions take into account a 40 mm installation allowance at the top edge of the frame. The height of the door leaf can be adjusted later, typically by about 5-10 mm.

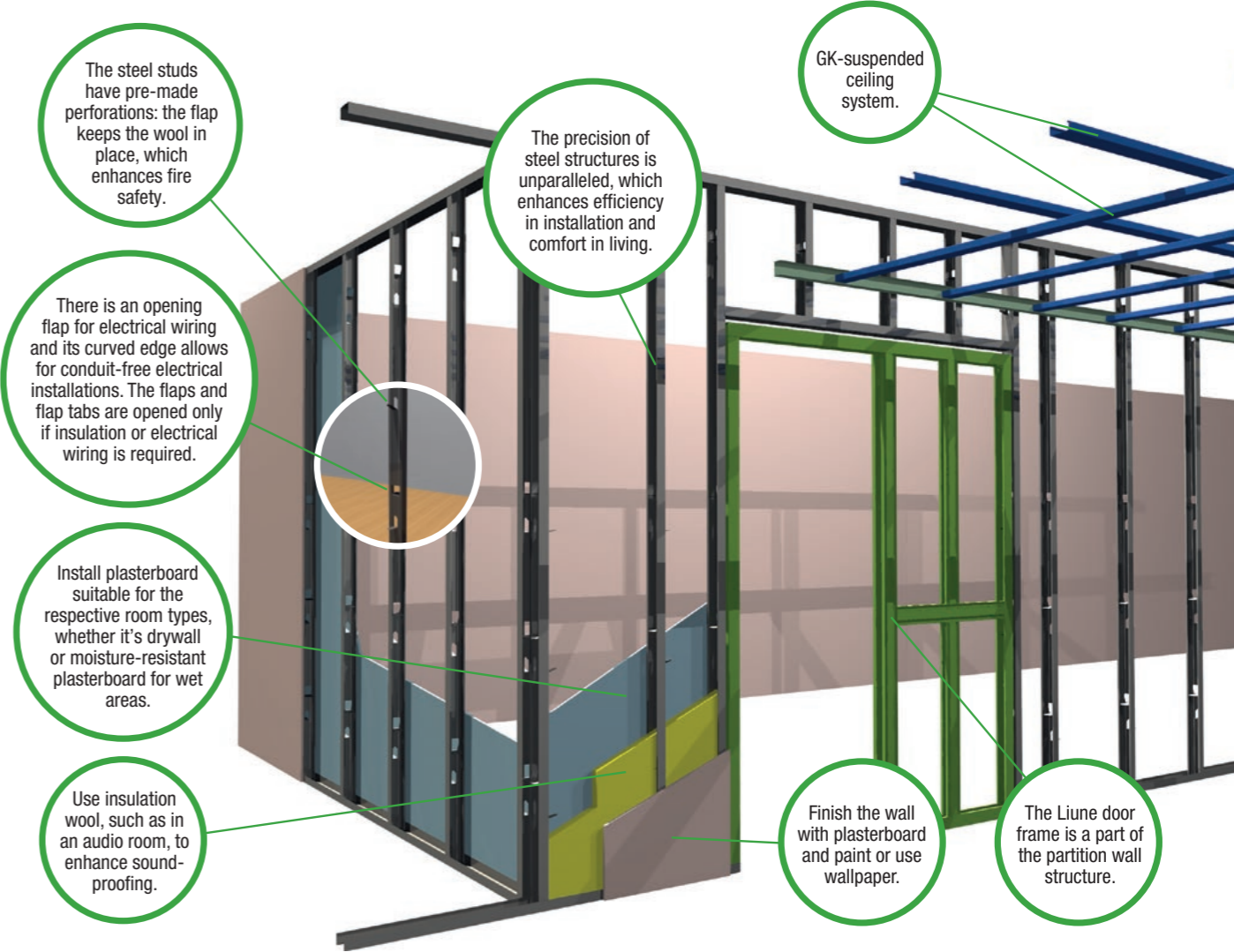
The door frame must be perfectly level and straight before fixing it. Check with a level or laser.

For the electrically operated sliding door, there is a separate set of instructions included for installation and electrical connections.

**2.** The wall can be sheeted from one side before installing the door frame. Do not screw the sheets to the bottom track before installing Liune. The sheeting and the size of the door opening are dimensioned in the drawing.

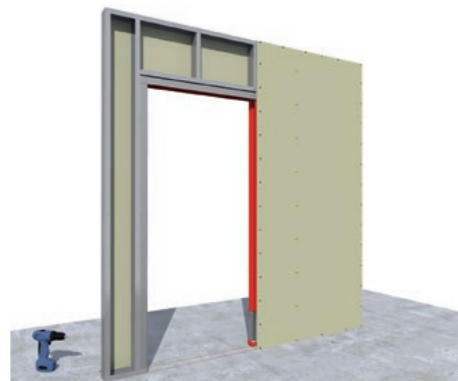
**3.** In Liune frames with thicknesses of 95 mm and 120 mm, perforations are pre-drilled for electrical cables. Mounting electrical boxes in the frame can be done using sheet fasteners or sheet supports. See separate electrical instructions. The distance between the holes (872 / 972 / 1072 / 1372 mm) is dimensioned in the drawing from the vertical counter frame on the side of the partition door opening.

# INSTALLATION INSTRUCTIONS FOR THE PARTITION WALL AND DOOR FRAME



The steel profiles of the Liune system are roll formed from hot-dip galvanized steel sheets. The products exhibit good mechanical properties, tensile and compressive strengths, dimensional accuracy, and malleability.

Profile width mm stud ELPR	Plasterboard track SK	12,5 mm			Structure		c600	c400
		mm	mm	thk. mm	R' <sub>w</sub> [dB]	class	Permissible maximum heights	Permissible maximum heights
70	70	1N+1N		91	30	EI 30	3600	4300
70	70	2N+2N		116	40	EI 60	4000	4800
70	70	2N+2N	50	116	44	EI 60	4000	4800
95	95	1N+1N	70	120	35	EI 30	5000	6000
95	95	2N+2N	70	145	48	EI 60	6100	7300
120	120	1N+1N	70	145	44	EI 30	6000	7200
120	120	2N+2N	70	170	48	EI 60	6500	7800



**BUILD THE PARTITION WALL BASED ON  
THE DIMENSIONS OF THE CHOSEN FRAME.**

**ASSEMBLE AND INSTALL THE FRAME.**

**COVER THE FRAME AND PARTITION WALL  
WITH PLASTERBOARD.**

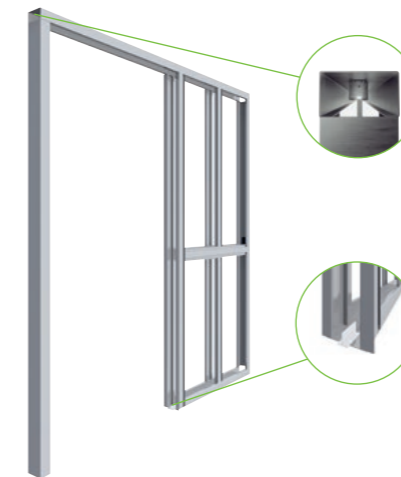
**AFTER FINISHING THE PARTITION WALL  
ACCORDING TO YOUR WISHES, INSTALL  
THE DOOR AND JAMBS.**

An extensive installation instruction is included in  
the LIUNE-DELIVERY.

The installation instruction is also available online  
[www.liunedoor.com/en/installation](http://www.liunedoor.com/en/installation)



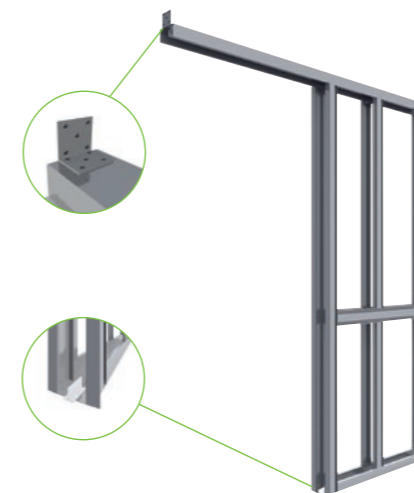
**INSTALLATION INSTRUCTION**



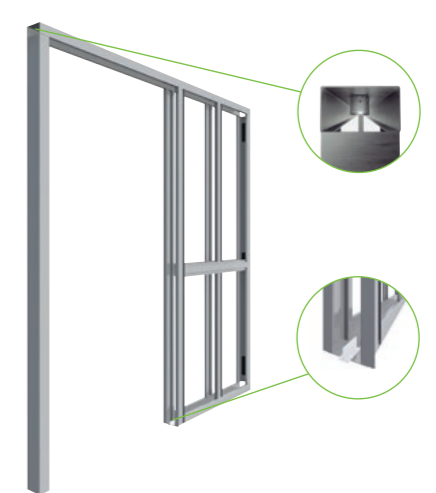
**SINGLE DOOR FRAME**



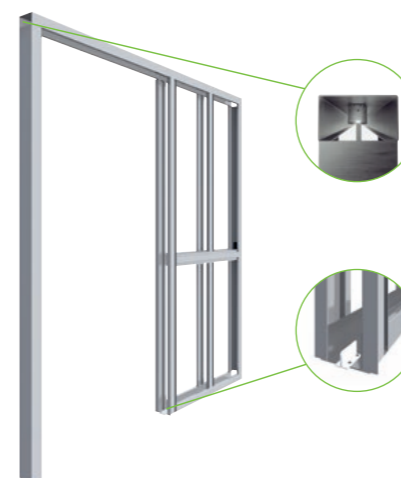
**GLASS FRAME**



**RENOVATION FRAME**



**AUTOMATION FRAME**



**WET AREA FRAME**

\*) Refer to the dimensions of the frame  
and installation opening



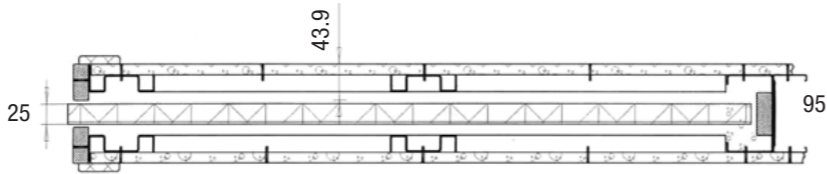
**SAUNA FRAME**

# THE INSTALLATION DIMENSIONS FOR A DOOR WITH A HEIGHT OF 2100

# DOUBLE DOOR FRAME AND CORNER FRAME

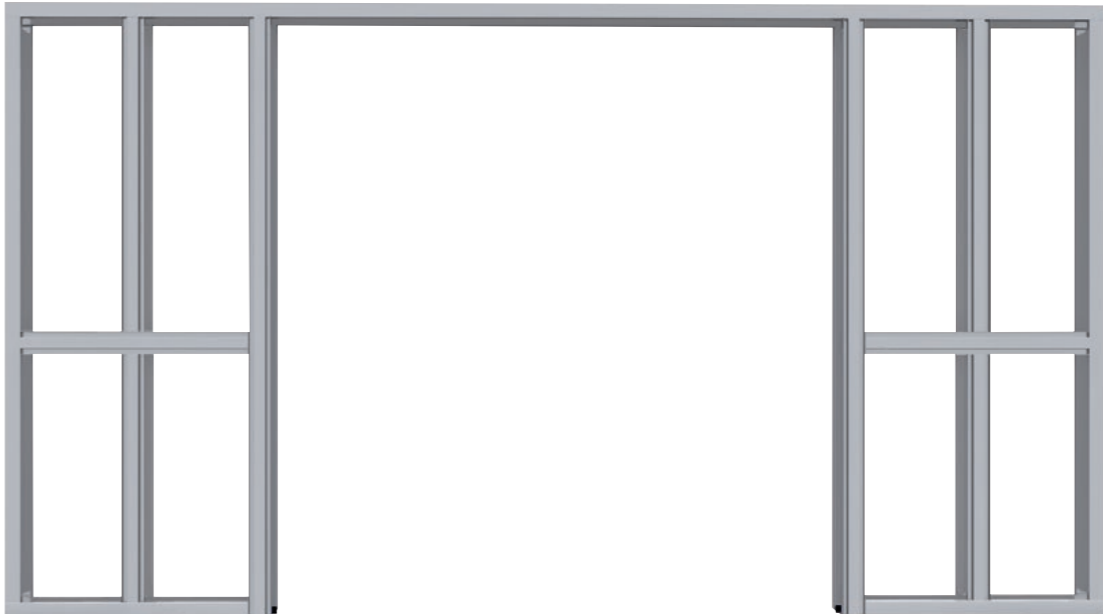
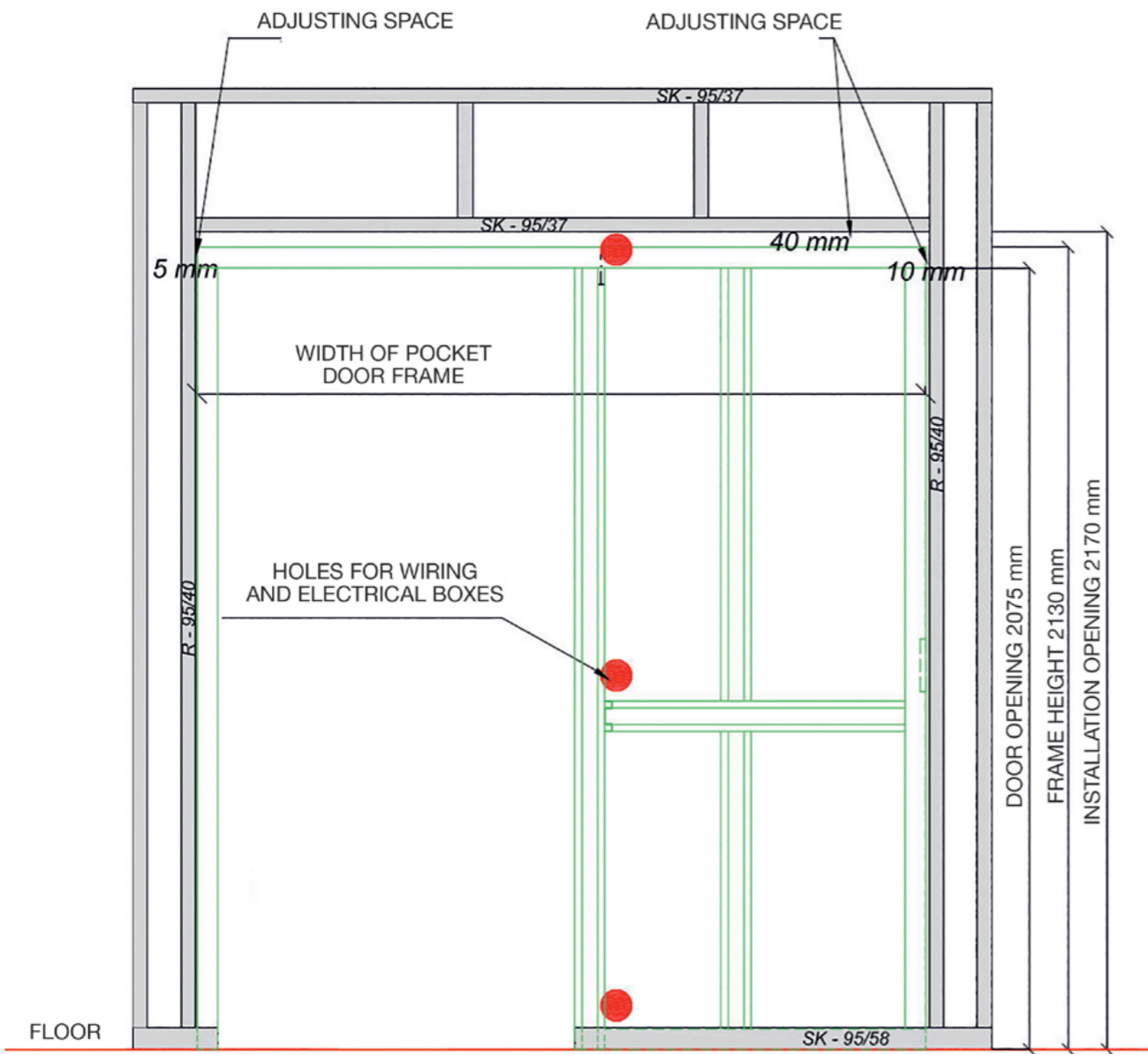
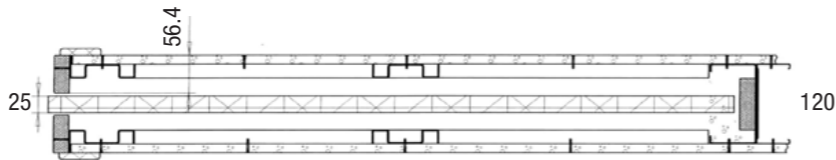
### In a 95 mm frame:

- 12.5 mm plasterboard on each side
- Using a 25 mm door, there's 43 mm space/side, use low junction box.

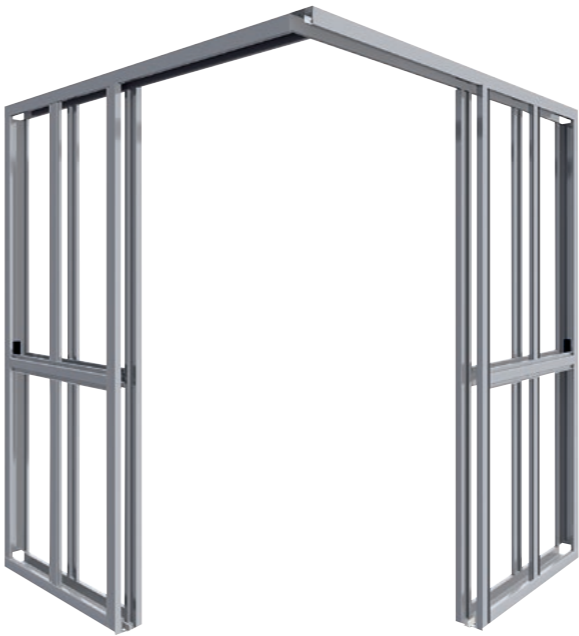


### In a 120 mm frame:

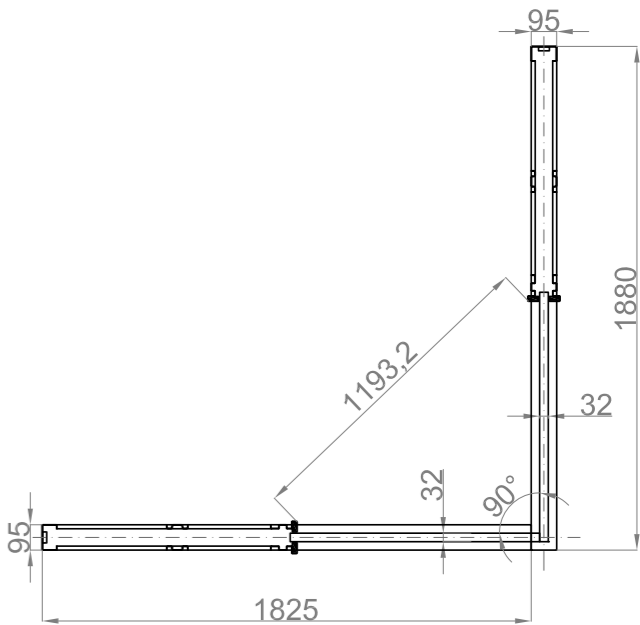
- 12.5 mm plasterboard on each side
- Using a 25 mm door, there's 56 mm space/side, use standard junction box.



DOUBLE DOOR FRAME



CORNER FRAME



EXAMPLE Li018 (Li09-A + Li09-B)

There is a suitable frame for every space.  
Choose according to your project [www.liunedoor.com/en/products](http://www.liunedoor.com/en/products)

The dimensions of Liune single and double doors with a height of 2100, including the frame and installation opening sizes.

Door size	Doorway**	Frame width x height	Installation opening width x height*	MDF door leaf width x height
SINGLE DOOR				
LI06	610	1335 / 2130	1350 / 2170	631 2060
LI07	710	1535 / 2130	1550 / 2170	731 2060
LI08	810	1735 / 2130	1750 / 2170	831 2060
LI09	910	1935 / 2130	1950 / 2170	931 2060
LI010	1010	2135 / 2130	2150 / 2170	1031 2060
LI012	1210	2535 / 2130	2550 / 2170	1231 2060
DOUBLE DOOR				
LI08	834	1738 / 2130	1758 / 2170	431+431 2060
LI010	1034	2138 / 2130	2158 / 2170	531+531 2060
LI012	1234	2538 / 2130	2558 / 2170	631+631 2060
LI014	1434	2938 / 2130	2958 / 2170	731+731 2060
LI016	1634	3338 / 2130	3358 / 2170	831+831 2060
LI018	1834	3738 / 2130	3758 / 2170	931+931 2060
LI020	2034	4138 / 2130	4158 / 2170	1031+1031 2060

**DOORWAY**  
The width of the doorway is the same for every door height 2300-2600 mm.  
\*) Floor installation has been taken into account in with a 40 mm adjusting space of the installation opening.  
\*\*) With embedded handles the door leaf is fully concealed when it slides into the wall pocket, protruding handles reduce the doorway by 100 mm.

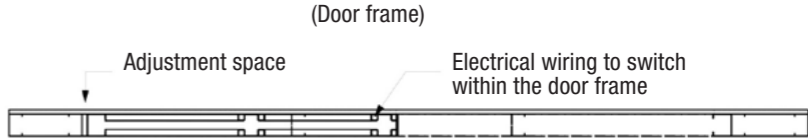
In the renovation frame, the size of the doorway is the same, and the frame comes in the widths listed in the table -55 mm.

Other frame heights

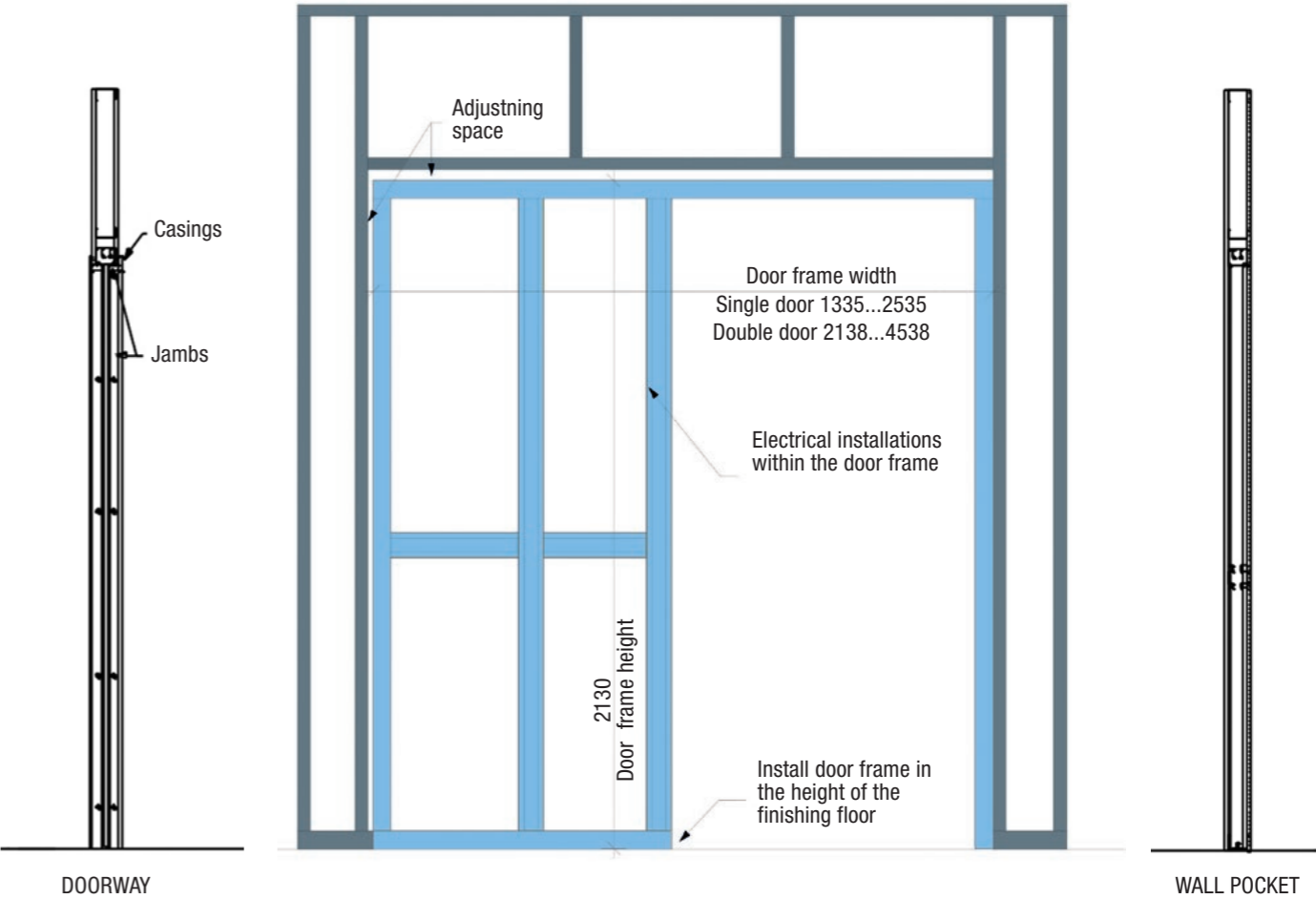
Door size	Door width x height				
	2100	2300	2400	2500	2600
LI04	431 X 2060				
LI05	531 X 2060				
LI06	631 X 2060				
LI07	731 X 2060	731 X 2310			
LI08	831 X 2060	831 X 2310	831 X 2410	831 X 2510	831 X 2610
LI09	931 X 2060	931 X 2310	931 X 2410	931 X 2510	931 X 2610
LI010	1031 X 2060	1031 X 2310	1031 X 2410	1031 X 2510	1031 X 2610
LI011	1131 X 2060	1131 X 2310	1131 X 2410	1131 X 2510	1131 X 2610
LI012	1231 X 2060	1231 X 2310	1231 X 2410	1231 X 2510	1231 X 2610

**DOOR FRAME TYPES:**  
Single Door frame  
Double Door frame  
Renovation frame  
Automation frame

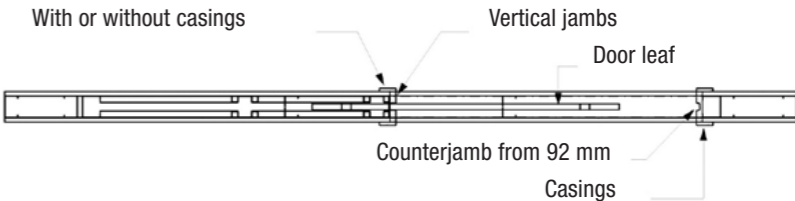
Horizontal section 1:20  
wall frame, single sheeting  
and door frame.



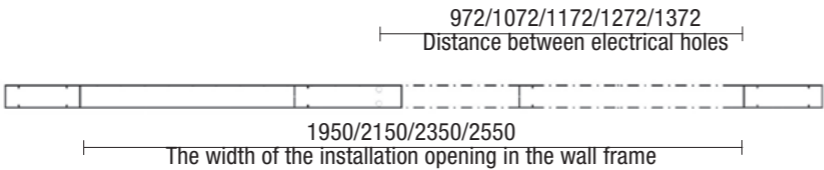
Elevation 1:20  
wall frame and  
door frame



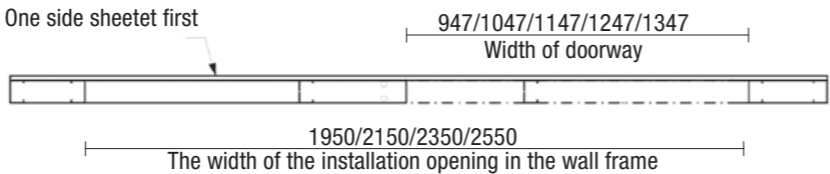
Horizontal section 1:20  
wall frame, door frame,  
sheeting and door leaf



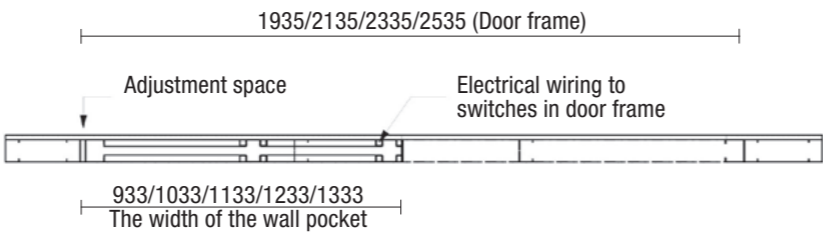
Horizontal section 1:20 wall frame



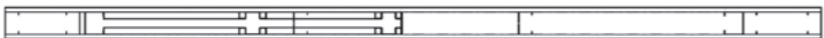
Wall frame and sheeting 1 side



Wall frame, sheeting 1 side and door frame



Wall frame, door frame and sheeting both sides



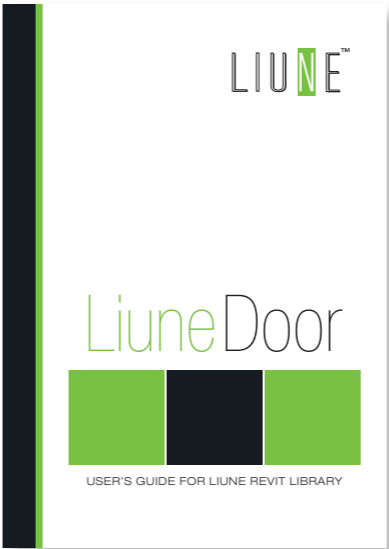
The Liune GDL object is a designer's tool used in ArchiCAD Windows or Macintosh program versions.

The library's functionality has also been tested in the latest ArchiCAD version. Not all the object's details have been modeled; instead, the focus has been on selecting product features and enhancing the clarity of the plans.

The object includes Liune Door for the sauna and automation as options. It is natural to use the object in conjunction with product brochures and more detailed technical drawings, which can be downloaded from the manufacturer's website.

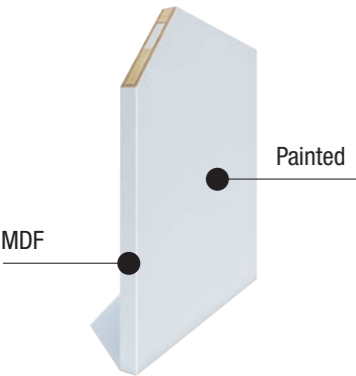
Liune Door files for designers are available for download at [www.liunedoor.com/en/bim](http://www.liunedoor.com/en/bim)

Download Liune Door objects at [www.liunedoor.com/en/bim](http://www.liunedoor.com/en/bim)

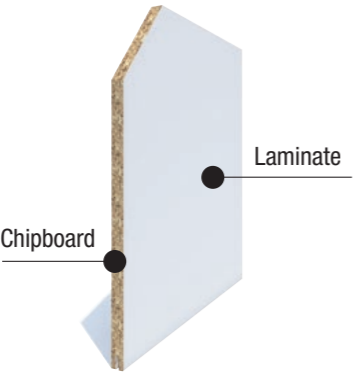


[www.liunedoor.com](http://www.liunedoor.com) ► MATERIALS ► FOR DESIGNER

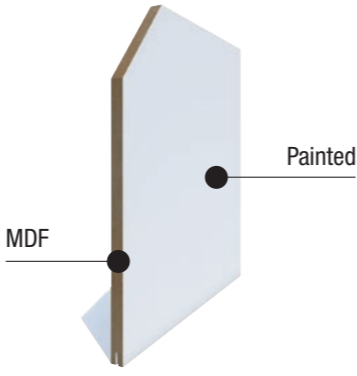
HOPE D1 massive door



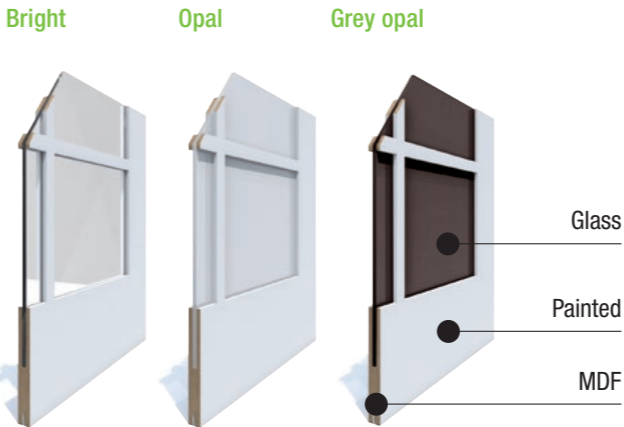
STRENGTH D2 laminate door



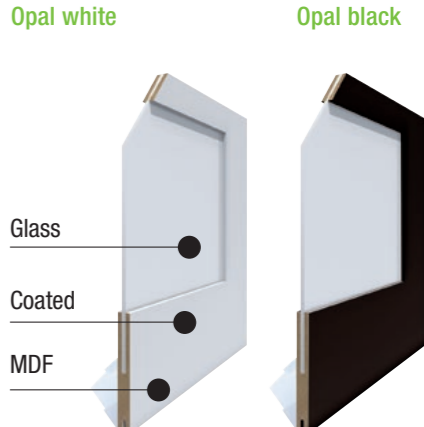
MAGIC D3 smoot white door



LIGHT D7 6- or 12-vented door



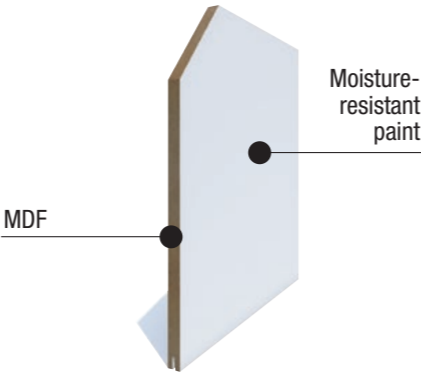
STAR D8 panel glass door



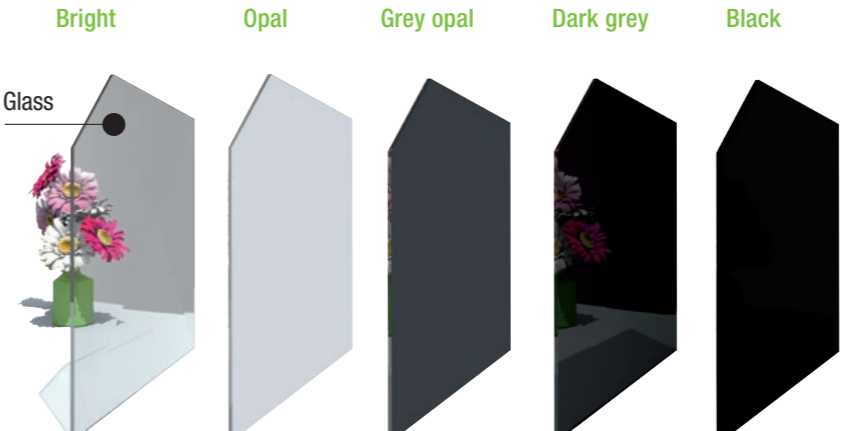
CLASSIC D4 milled mirror door



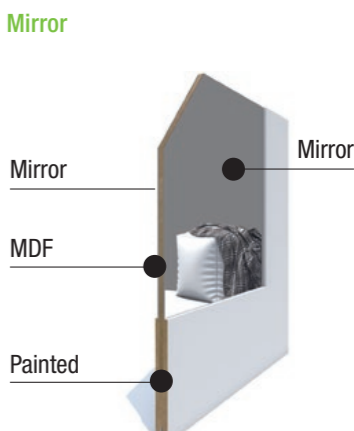
THEME D5 moisture resistant door



TIME D9 glass door



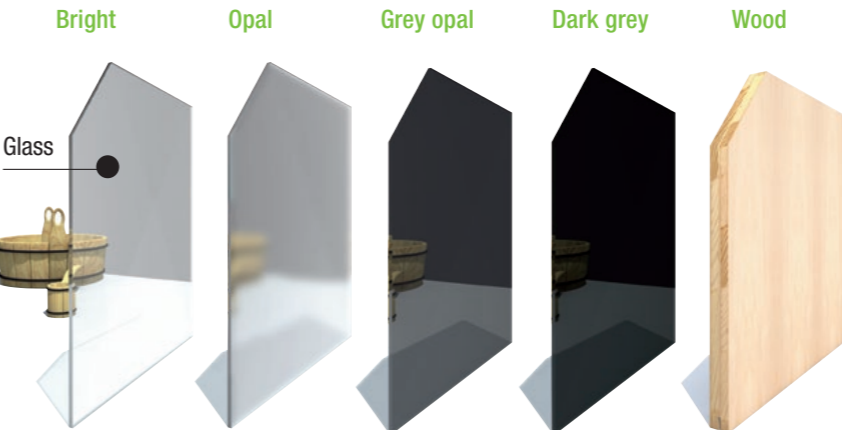
REFLECT D10 mirror door



MOUNTAIN D6 wood veneer door



HEAT D11 sauna door



In moist areas, choose D5 or D9 for moisture-resistant doors, and for sauna doors, select D11.

WAVE D13 Limited Edition

We manufacture the D13 Limited Edition unique door leaf.



Liune products have an  
EPD environmental label.  
Liune is a responsible  
choice.

MY LIUNE D14 print door

Smooth surface    Glass door print    Laminate

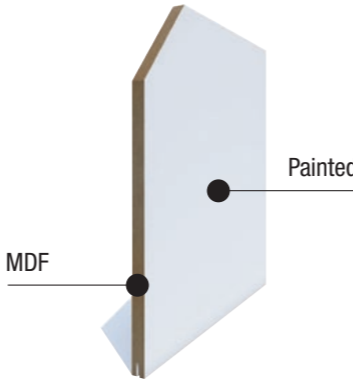


SURFACE D15

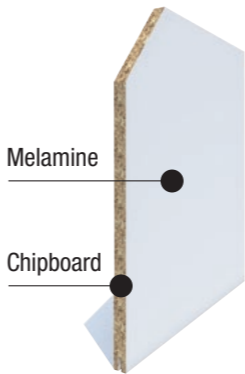
MDF door    Glass door    Art door



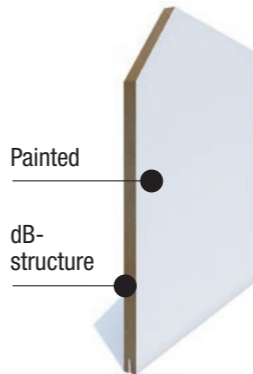
DESIGN D16 high door



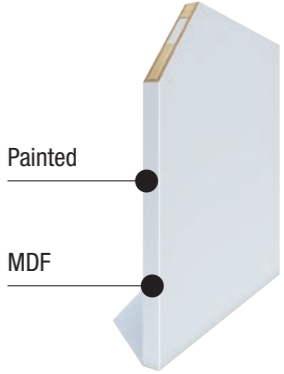
EFFECT D17 melamine door



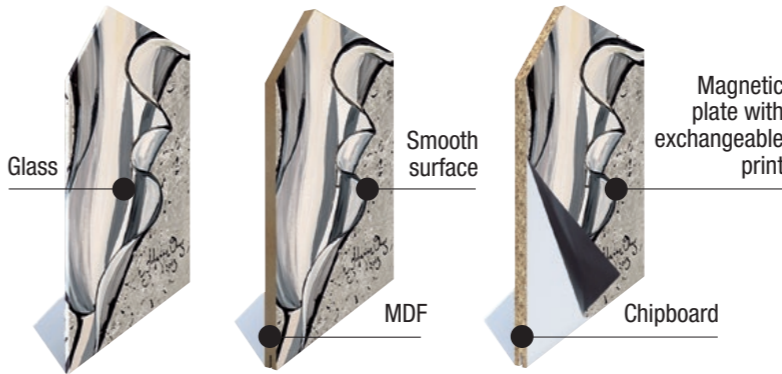
CALM D18 sound insulation door



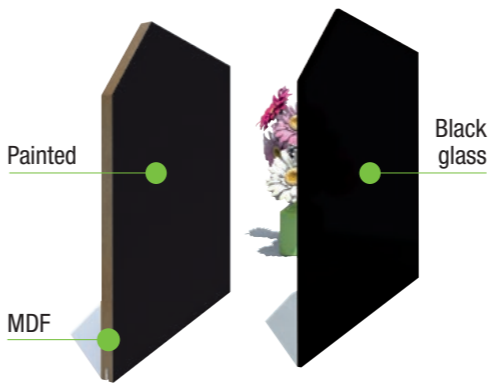
DOOR40 D19 light door



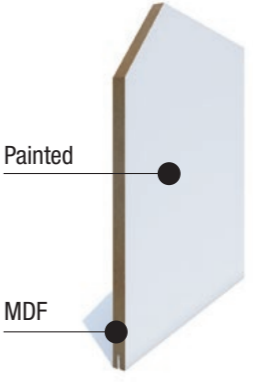
ART D20



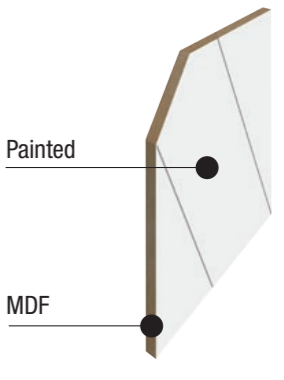
BLACK D21



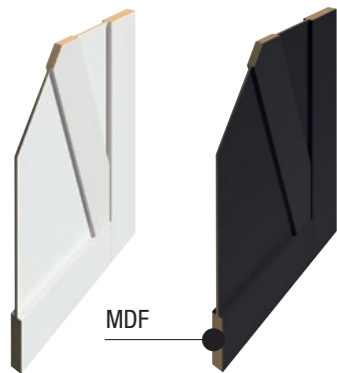
SAFE D22



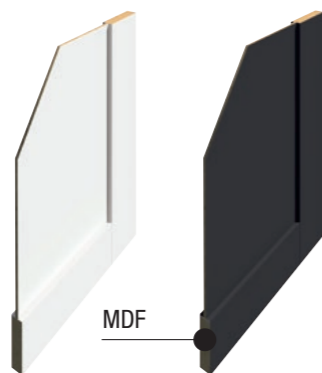
STRIPE D23



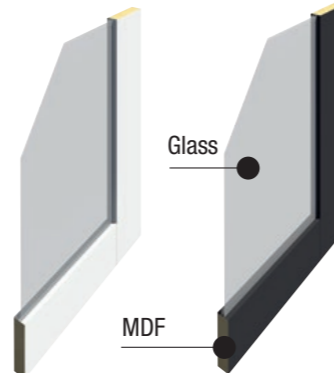
## CITY D24



## JOY D25



## SMILE D26



### LIUNE JAMBS

Smooth and beautiful door jambs.

### LIUNE JAMBS BLACK

Smooth and beautiful jambs in black.

### SURFACE JAMBS

The surface jambs and slender also hide the boarding edges at once. No separate surface moulding is required. The jambs are pre-cut to miter.

### GLASS JAMBS

Door jambs for the glass door.

### VENEERED JAMBS

The jambs are delivered on order with different wood veneers.

### DECIBEL JAMBS

Door jambs special for door D18 CALM in combination with the decibel frame.

### SAUNA JAMBS

The sauna door jambs are made of thermal aspen. The increased wall depth due to tiling has been taken into account.

### WET AREA JAMBS

Moisture resistant paint protected door jambs for splash free spaces.

### ANTIBACTERIAL JAMBS

Door jambs with anti-bacterial surface special for door D22 SAFE

### MAGNETIC JAMBS

Fast and easy installation. Very smooth result.



Liune doors offer excellent sound insulation while simultaneously providing more space for wall and floor area

Good acoustic properties are achieved when a good tightness in structures is ensured at all seams, gaps, and side displacements. Air leakage through these can compromise the acoustic properties if not considered during design and construction. Sealants, elastic caulks, cellular rubber seals and tapes are methods used to control airborne sound in structures.

Liune solutions bring comfort thanks to their good sound insulation



The steel studs are placed in the tracks without separate fastening; they are fixed together during the sheeting process. This facilitates work and also enhances working safety.

Comfort and safety with good partition walls

Plasterboard

Plasterboards possess qualities that make them suitable for use in sound-absorbing structures. It has low bending stiffness and high density, which enhances its sound-dampening effect.

Mineral wool

Excessive thickness of the mineral wool can cause bulging in the sheeting. To improve the soundproofing capabilities of partition walls, soft insulating wool is used. The mineral wool doesn't need to fill the entire frame space for soundproofing. For example, when using a 66 mm frame, 50 mm of mineral wool works best.

Sound Level

In rooms, sound dampening is necessary to enhance audibility, reduce sound propagation, and improve comfort within the home environment.

Door

Internal doors are generally not sound-rated, with results below 28 dB. A hollow compressed turning door provides a sound reduction of 12 dB.

Gaps, Cracks, Power Sockets

Even small gaps or openings significantly affect a wall's sound insulation. Installing a power socket in the wall diminishes its soundproofing. This impact can be lessened by sealing the socket surroundings with plaster or mineral wool.

Attention should be given to construction precision and meticulous building techniques, facilitated by Liune's precise steel structures.

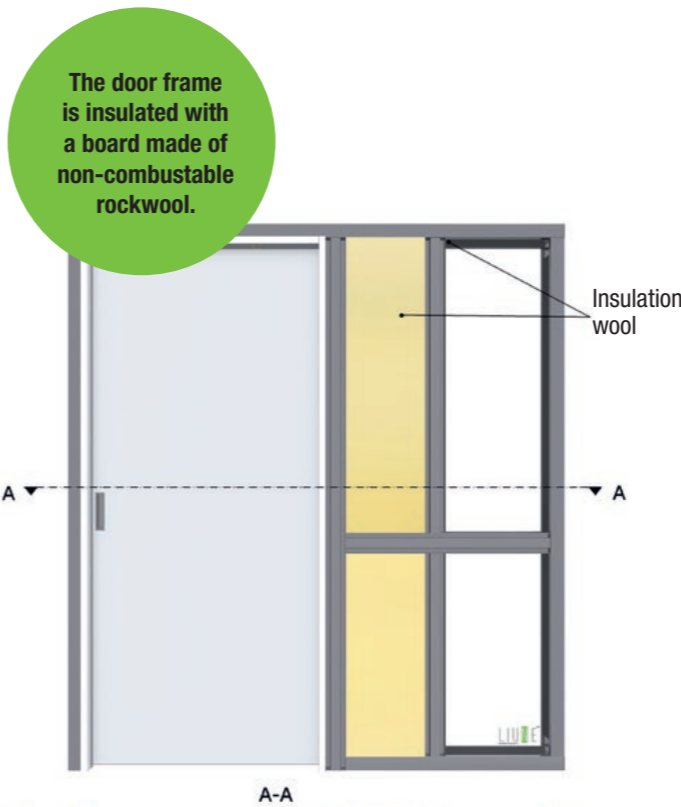
D18 sound insulation door CALM

Everyone should have the right and opportunity to have their own space and do things that enhance our well-being. Liune's door model Calm (Liune D18) is a soundproofing door with a sound rating of 25dB, DnT,w (dB) 32.

Calm is a sturdy 25 mm thick MDF door. It comes standard with special acoustic jamps.

There is no threshold in the doorway; instead, the door is equipped with an automatic drop-down sealing threshold. The counter jamb has a seal that effectively interrupts sound transmission.

The door color can be freely chosen. The handles Liune and Luke are from our collection.



Sound insulation values of Liune models

DOOR MODEL	Door thk. mm	Frame [mm] 66-95-120 [measured]	Rw (dB)
SOLID DOORS			
D1 HOPE	40	K+95(V)+K	28
D2 STRENGTH	27, 40	K+95(V)+K	23
D3 MAGIC	25	K+95(V)+K	23
D6 MOUNTAIN	27	K+95(V)+K	23
D13 WAVE	8-40	K+95(V)+K	**
D16 DESIGN	25, 40	-	**
D17 EFFECT	25	K+95(V)+K	23
D19 DOOR40	32	K+95(V)+K	23
WET AREA DOOR			
D5 THEME	25	K+95(V)+K	23
D11 HEAT	8, 32	-	***
PANEL- AND GLASS DOORS			
D4 CLASSIC	25	K+95(V)+K	23
D7 LIGHT	25	K+95(V)+K	23
D8 STAR	32	K+95(V)+K	23
D9 TIME	8	K+95(V)+K	17
D10 REFLECT	40	K+95(V)+K	22
D23 STRIPE	25	K+95(V)+K	22
D24 CITY	32	K+95(V)+K	22
D25 JOY	32	K+95(V)+K	22
D26 SMILE	32	K+95(V)+K	23
SPECIAL DOORS			
D18 CALM	25	K+95(V)*+K	32
D22 SAFE	25	K+95(V)+K	23
SURFACE DOORS			
D15 BASIC SURFACE	8, 25-40	-	***
D15 SURFACE DECORATION	32-40	-	***
ART AND PRINT DOORS			
D14 MY LIUNE	8, 25, 27	-	**
D20 ART	8, 25, 27	K+95(V)+K	**
LIUNE BLACK			
D21 BLACK MDF	25	K+95(V)+K	23
D21 BLACK GLASS	8	K+95(V)+K	17

\*\* the sound insulation class according to the chosen door  
\*\*\* No acoustic functionality

K = special hard gypsum board 12.5 mm  
V = sound insulation wool  
\* = drop threshold / brush seal

The measurements have been verified by Sitowise. We have also tested a hinged basic flat door and the result is Rw 12 dB.

## SOFT CLOSER

The soft closer softens the closing of the door by slowing down the door's movement while closing. It is compatible with all the different framedepths. For double doors we recommend Liune synchronization.

## LIUNE SYNCHRONIZATION

For the Liune double door frame there is a possibility to buy the Liune synchronization mechanism. When manually moving one door leaf, the other door leaf moves at the same time.

## LIUNE AUTOMATION

Liune sliding door automation empowers perfect accessibility, optimal operation, durability and safety.

The machinery parts are pre-installed in the automation frame. The sliding door is programmed to operate at a constant speed and comes standard with a pushbutton. Remote control and a motion sensor are also available.

## LIUNE SUPPORT PLATES

Support plates ensure that you can attach for example a cupboard on the Liune frame. There are two different sizes available 2100 x 150 x 1 mm and 1200 x 1250 x 1,5 mm.

## LIUNE KICKPLATE

Kickplates protect the door for minor damages. The height is 400 mm and there are four different widths: 800, 900, 1000 and 1200 mm.

## LIUNE INSTALLATION BLOCKS

The door frame needs to be installed at the height of the finished floor. The bottom profile of the frame can be adjusted to the height of the finished floor with installation blocks under the frame. Installation blocks can be ordered in 4 different heights; 10, 15, 20 and 40 mm.

## LIUNE THRESHOLD

- Flexible threshold.
- Bathroom threshold.

## LIUNE CORNER PROFILE

Stainless steel corner profile 15 x 15 x 1500 mm.

## PARTITION WALL PROFILES

- Partition stud 66, 70, 75, 95 or 120 mm  
10 pieces 2600 or 3000 mm.
- Partition track 66, 70, 75, 95 or 120 mm  
2 pieces 3000 mm.
- Foam tape 40 x 3 mm

## POP-UP LATCH

Liune doors slide completely inside the wall when the door is equipped with an embedded handle. A pop-up latch is embedded at handle height in the rear edge of all wooden doors. In glass doors the pop-up latch is placed on top of the door. The latch locks the door inside the frame and helps the door to pop out from the wall when the door is closed.

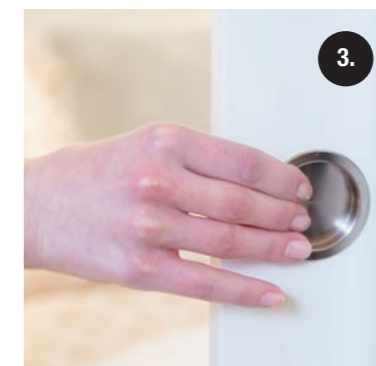
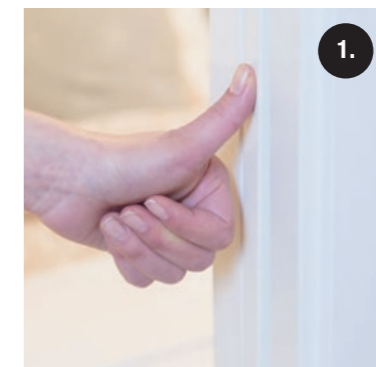
1. Free passage is obtained by lightly pushing the edge of the door leaf at handle height.
2. The door is released from the wall by pushing again at handle height, the handle will be partly visible.
3. By pulling the handle the door moves parallel with the wall.

## MAINTENANCE

No maintenance is needed for the door frame.

The door leaf and door jambs can be wiped with mild, non-abrasive detergents.

By removing the door jambs it is possible to replace the door leaf, pop up latch, wheels and soft closer if necessary.





### Liune Door sales office:

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sales@liunedoor.com  
www.liunedoor.com



Aulis Lundell Oy has been certified according to the ISO 9001 quality system since 2004.



EPD No. RTS\_38\_19  
LIUNE -door system  
with glass/MDF door.



Aulis Lundell Oy has been operating under the environmental management system since 2004. Liune has utility model protections in the EU, Norway and the US.