

DESIGN | QUALITY | INSULATION

WELCOME TO A WORLD OF POSSIBILITIES

Lacuna[®]
of DENMARK





OPEN UP YOUR HOUSE AND EXPERIENCE NATURE BOTH INSIDE AND OUT

At Lacuna, we believe that creating a home should be defined by possibilities and not restrictions. Our vision is to set the stage for a life of well-being, comfort and good times, both on the inside and out.

We want to be the best at what we do, focusing on quality, innovation and design. A folding door is more than just a folding door. We customise all

our products to your individual wishes, so they match the doors and windows of your home. Lacuna doors are the new way to access your terrace, garden or balcony.

Driven by our ambition to make the world's best folding doors, we are focused on safety, design and quality with a product lifetime expectancy of 30 to 50 years.

“I believe in opening up to something big.”

- Henrik Brunsø
CEO





QUALITY AND DESIGN INSIDE AND OUT

After more than a decade in the market, Lacuna is known for its unique design and exceptional quality. This reflects the drive of everyone at Lacuna to being the best in the world at creating this one product.

We believe that our devotion to folding doors should match the love and passion people invest in

IMAGINE THE POSSIBILITIES

Imagine you had the option to connect your living room to your terrace within just a few minutes? What if you could transform your kitchen into an open-air kitchen with just a simple set of moves? And what if you could watch the game on TV from your back yard, without having to move anything other than your feet?

Possibilities are exactly what you get when you choose a folding door from Lacuna. Our exclusive use of natural or modified hardwood, handcrafted hinges and double or triple sealing ensure stability and a high level of insulation. Our solutions offer you new ways to open your home.

Are you interested in opening your cosy cottage to the surrounding nature, or expanding the horizons in your penthouse flat? Lacuna folding doors make it possible to be at once both indoors and out.





A FOCUS ON SUSTAINABILITY

From the start of production through to testing of the seals during final installation, Lacuna uses only the highest quality of environmentally friendly materials. This is not only to ensure that our products are made environmentally sustainable, but also to guarantee that their tightness and insulation abilities are best in class.

Lacuna uses only wood from trees grown in forests certified by the Forest Stewardship Council, ascertaining that we not take more from nature than can be replaced. Our CE certificate documents that our products meet the high safety, health and environmental goals that Lacuna has set for itself.

In addition to this official environmental certification, Lacuna has also been awarded the Danish Construction Association's annual Energy Award several times.





**YOUR
FOLDING DOORS
DESIGNED TO
MATCH YOUR DREAMS**

Lacuna folding doors are custom made for each individual home and project and aim to meet your requirements. Flexibility is a key feature of Lacuna folding doors. They can be customised to match different designs, styles and architectural elements of doors and windows in any home.

There are endless possibilities and combinations when it comes to width, height, frame types,

indoor and outdoor colours, handles, glazing bars, horizontal mullions, etc.. Integrating a window into your folding doors is now also an option.

One thing that all Lacuna products have in common is that all hinges, handles and fittings are manufactured in acid-proof stainless steel that guarantees a durable and timeless design.

DANISH DESIGN GERMAN QUALITY

All Lacuna products are designed and manufactured in our factory on the Danish island of Funen, where we combine Danish design with German quality. Lacuna folding doors are certified as the tightest and most well insulated in the world.

The folding doors are designed to work in temperatures ranging from -50°C up to $+60^{\circ}\text{C}$, and their resistance has been tested for hurricane conditions with wind speeds of up to 280 km/h. Lacuna products are designed to last for 30 to 50 years, presumably even longer.

The Danish Technological Institute (DTI) has tested our products for extreme weather, insulation and security, to give our customers peace of mind during extreme wind and weather conditions. Lacuna folding doors are designed with double or triple sealing and are certified in accordance with RC2N (EN 1627-30) requirements for burglary protection. Lacuna folding doors meet the highest requirements, including the British PAS 24 standard.



IT'S ALL IN THE DETAILS



SUSTAINABLE HEAT-TREATED WOOD

German beechwood for all its painted products. Heat-treated beech is as durable as teak, i.e. class one wood, which lasts almost indefinitely. Heat-treated beechwood cannot absorb water and has insulation capabilities far beyond non-heat-treated wood, simultaneously adding fantastic dimensional stability.

Lacuna folding doors withstand a wide range of climate conditions; In places like Bergen in Norway or Torshavn on the Faroe Islands, it can rain up to 250 days per year, while other regions provide hardly any rainfall at all. The wood's dimensional stability is therefore crucial to ensure well-functioning folding doors.



RIGOROUS TESTING AND CERTIFICATION

Beyond complying with international standard tests, Lacuna also performs its own extreme tests on moisture absorption, dimensional stability and insulation of the folding doors. We also have our products tested by third parties in order to ensure full transparency regarding their performance. We are therefore very proud to be able to call Lacuna folding doors the tightest in the world.



A GREEN AND SUSTAINABLE FUTURE

Here at Lacuna, we care about the environment. Insulation is therefore an essential factor to ensure a green and sustainable future. You can build a low-energy home, save on heating costs and reduce your CO2 impact when choosing Lacuna folding doors.

The insulation capacity of our doors is considerably above standard. Insulation is measured in U_w , a lower number indicating better insulation. A normal double-glazed, energy-saving window has a U_w value of between 1.2 and 1.5. Our products, when equipped with a comparable quality of glass, have a U_w value of as low as 0.7, which means 30% less energy loss.



SAFETY AND DESIGN

Our customers don't need to worry about being burgled. Lacuna folding doors are suspended from the top frame, have locks on all the doors, and work without a rail in the bottom frame, which is known to gather snow, ice and dirt. The glass is glued from the inside, so potential burglars will not be able to enter, even if they damage the doors.

Our beautifully designed handles and hinges are made from 18 mm brushed, acid-proof stainless steel.

** Find more technical details and further information about folding doors on our website.*



EASY AND COST EFFICIENT INSTALLATION

In addition to benefits such as energy efficiency, sustainability and a stylish finish, Lacuna folding doors also feature a revolutionary, patented top frame system with a guiding rail integrated into the top frame. This system provides ease of use, simple and cost efficient installation and an elegant finish.

The system is available in different versions, taking account of the load on the top frame. The system simplifies installation considerably. Lacuna doors can be installed in half the time of traditional installations, which increases their cost efficiency. When installed in existing houses, the patented top frame system often eliminates the need to add expensive iron or laminated wooden girders. Top frames are available with built-in carbon fibre reinforcement, which render the frame either fully or partly self-bearing.

Lacuna is gladly at hand to provide comprehensive advice and to help you choose the right solution for each project. Lacuna produces folding doors of up to 6 metres in length and 2.8 metres in height.



ORDERING A FOLDING DOOR

Lacuna folding doors can help you create your dream home, where the views, sights and sounds of your outdoors become a part of your indoors.

By breaking down the process into five simple steps, anything from selection to delivery, everything is made easy for our customers.

Meeting our customers' expectations is our success: you are always welcome to contact us so that we can help you find the right solution for you and your home.

Final pricing will depend on width, height, frame type, indoor and outdoor colours, glass type, type of handle, etc. Please fill in the simple form to receive a no-obligation quotation.



STEP **1**

CONTACT LACUNA'S HEAD OFFICE
Tlf: +45 8689 8689
Mail: tilbud@lacunaofdenmark.com

STEP **2**

RECEIVE YOUR QUOTATION
Based on your wishes and our professional knowhow, we will prepare a customised offer for you, including sketches, dimensions and pricing. The offer will be sent to you via e-mail alongside our brochure and test reports.

STEP **3**

APPROVE THE DETAILS
Read through the offer and check over the specifications and attached materials. If the offer corresponds to your wishes, contact Lacuna to place an order and to tell us about your desired time of delivery.

STEP **4**

ORDER CONFIRMATION
Lacuna will return to you with an order confirmation, well ahead of starting the production and the delivery of your doors. Once you have read and agree with our order confirmation, simply respond with an "OK" and the order will be released for production.

STEP **5**

DELIVERY AND INVOICING
When your folding door is ready, you will receive an invoice and photographic documentation of your folding door. You will then be contacted to arrange a delivery time. We only deliver Lacuna folding doors if there is somebody at home to receive the door at the ship-to address.

