



BI-FOLDING DOORS



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BI-FOLDING DOORS FROM SOLARLUX

Generous living space in open-plan rooms

For more than 35 years, Solarlux has stood for the outstanding quality of versatile glazing solutions for public and private spaces. The bi-folding door has been the beating heart of the international, family-owned company right from the very beginning. Unlike traditional sliding doors, which can leave a large section of the opening covered by glass even when fully open, the individual elements of the bi-folding door gather up into a slender bundle of panels to one side. This produces generous glass fronts that can be opened across almost 100% of their large area while still offering maximum protection when closed.



SPACE FOR YOUR INDIVIDUAL TOUCH

Enjoy limitless possibilities

Thanks to its perfect functionality, the creative freedom offered by its high-quality materials, and the limitless possibilities for combining it with other elements, the bi-folding door is the ideal solution for a wide range of projects. Systems from the bi-folding door family, non-insulated variants and versions with high-performance thermal insulation for use in passive houses - with bi-folding doors, the possibilities are almost endless.





APPLICATIONS

The possibilities offered by a bi-folding door are almost limitless. It can be used as a substructure element for a wintergarden that can be opened across almost its entire width, as an entrance to a swimming pool, or used as an alternative to a traditional patio door or window. It is also suitable for public spaces, of course! Use it to build your shop entrance, glaze the VIP box in your stadium, or create a facade on your balustrade - whatever you're building, make the bi-folding door your first choice.



**Bespoke solutions for the
wintergarden** · Frisia, Netherlands



The alternative to
traditional windows
Hamburg, Germany



Bring air and light to
your pool · Nottuln,
Germany



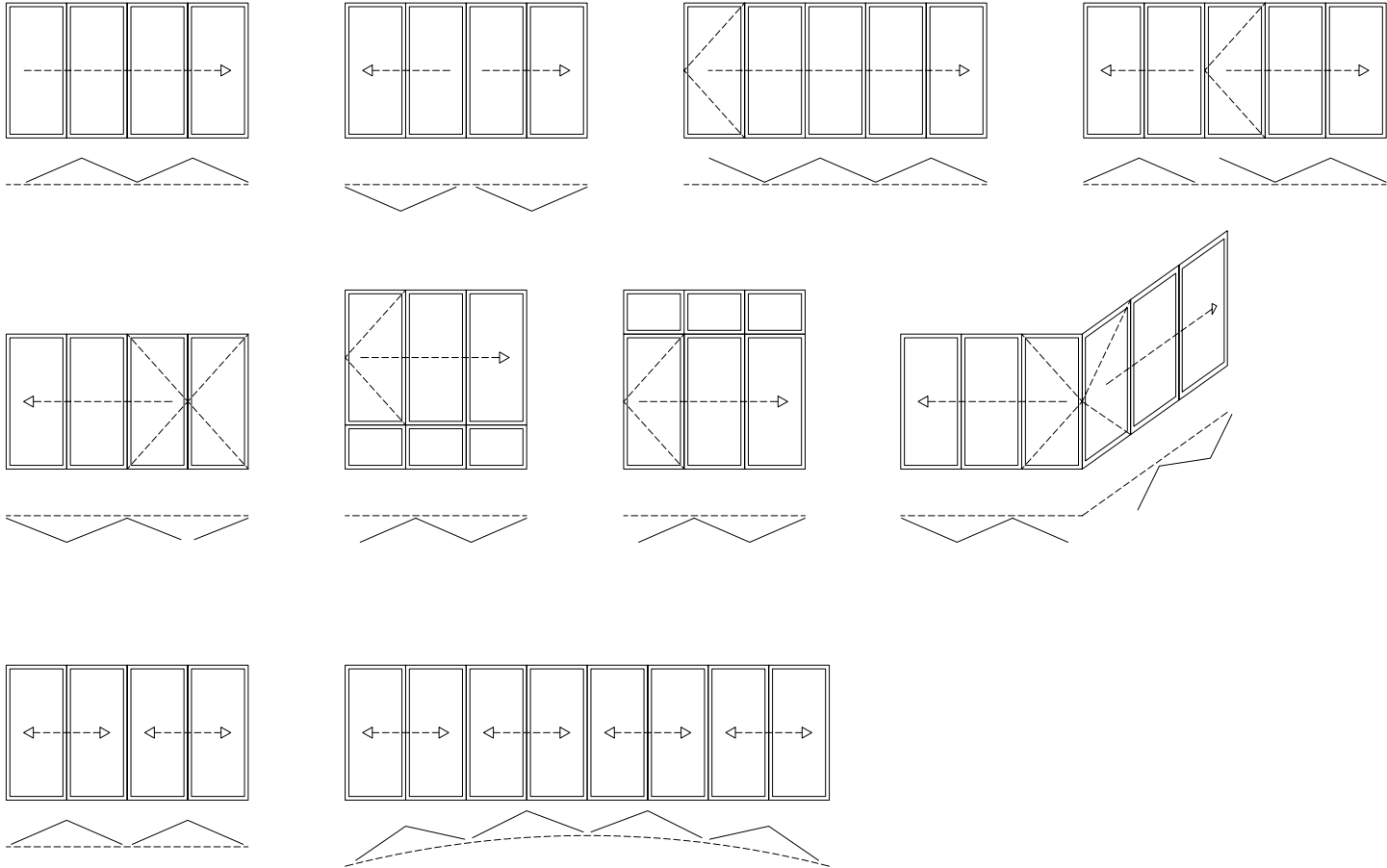
Flexible use of space - the bi-folding door as a partition · Best, Netherlands



MAXIMUM CREATIVE FREEDOM

Inwards or outwards, folding to the left and/or to the right - Solarlux bi-folding doors offer countless opening system possibilities. The individual glass elements can be opened or closed in just a few simple steps, across their whole area, while integrating tilt-and-turn panels and window elements can help you enjoy even more creative freedom.

CONFIGURATION EXAMPLES



THE ADVANTAGES OF THE SOLARLUX BI-FOLDING DOOR - AN OVERVIEW



MAXIMUM OPENING AND SLIM SIGHT LINES

The most important feature of the bi-folding door is its accordion-like folding technique, which allows it to be opened almost 100%. When closed, it boasts incredibly slim sight lines of just 99mm for the Ecoline and Highline systems across the panel joint.



SECURITY AND ANTI-BURGLARY PROTECTION

Bi-folding doors are high-quality and extremely sturdy. They fulfil the requirements of the standard European anti-burglary protection class RC2. This even applies to systems with an even number of panels - which is a benefit you won't find anywhere else on the market.



THERMAL AND SOUND INSULATION

A bi-folding door guarantees optimum thermal insulation and, depending on the system and packages, can also be used for passive houses. The soundproofing certification that can be achieved with these elements guarantees a quiet living space, even in bustling, built-up areas.



ACCESSIBILITY AND CONVENIENCE

Bi-folding doors are extremely convenient, with accessible floor tracks available with durable stainless steel carriages and rollers.





WHAT SOLARLUX OFFERS

- In-depth consultation and planning
- Patented technical details
- Durability and high quality
- Made in Germany
- Systems certified by national and international institutes
- Filigree sight lines of 99 mm in the panel butt joint for the Ecoline and Highline
- Maximum transparency and flexibility
- Sophisticated technical design and assembly
- Compliance with all applicable standards and specifications



INCREASED SECURITY

RC2 certified or comparable security equipment possible





A NEW DIMENSION FOR OPEN *living*

BI-FOLDING DOORS TO SUIT ANY REQUIREMENT



THE SYSTEM FAMILY

The bi-folding door family includes aluminium, wood and wood/aluminium systems, and offers decisive benefits: perfected technical details such as a patented carriage, TwinX® panel centring mechanism, accessible floor tracks and frame cladding are used for every system in the product range, while the specific requirements of the wood or aluminium profiles are also incorporated into the technical design.

This “system for all seasons” also comes with advantages in terms of assembly. Thanks to their sophisticated fitting technology and the fact that they all use the same components, every system in the bi-folding door family is quick to assemble and easy to adjust. This not only provides maximum room to manoeuvre, but also helps to ensure that your project goes off without a hitch.



ECOLINE, HIGHLINE, WOODLINE
AND COMBILINE: THE NEXT
GENERATION OF SYSTEMS



A NEW CLASS OF ACCESSORY

FITTING OPTIONS

Equipment packages are available for the entire bi-folding door family. By choosing the appropriate package, customers can place greater focus on aspects such as security, thermal or sound insulation, lighting, or convenience. This range of options for picking and mixing individual options to personalise your system makes the bi-folding door even more attractive.

SHADING

Solarlux pleated blinds are great at both shading you from sunlight and protecting your privacy. They can be adjusted up and down to any position or length, making them the perfect solution. They are available as single or two-part elements, and can be easily positioned simply by moving them up or down. They also offer one other great advantage: they can be fitted without the hassle of drilling or gluing, by simply clipping them into the profiles. They can even be easily retrofitted to any existing bi-folding door.

FLOOR TRACKS WITH LIGHTING

In many types of floor track, the 3s impact protection can be fitted with LED lights and concealed cabling. The lighting creates a great ambience, especially in the evening. What's more, this orientation aid also ensures that the access and entry area is easy to find for the visually impaired, as required by German standard DIN 18040.



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