



THE BI-FOLD DOOR



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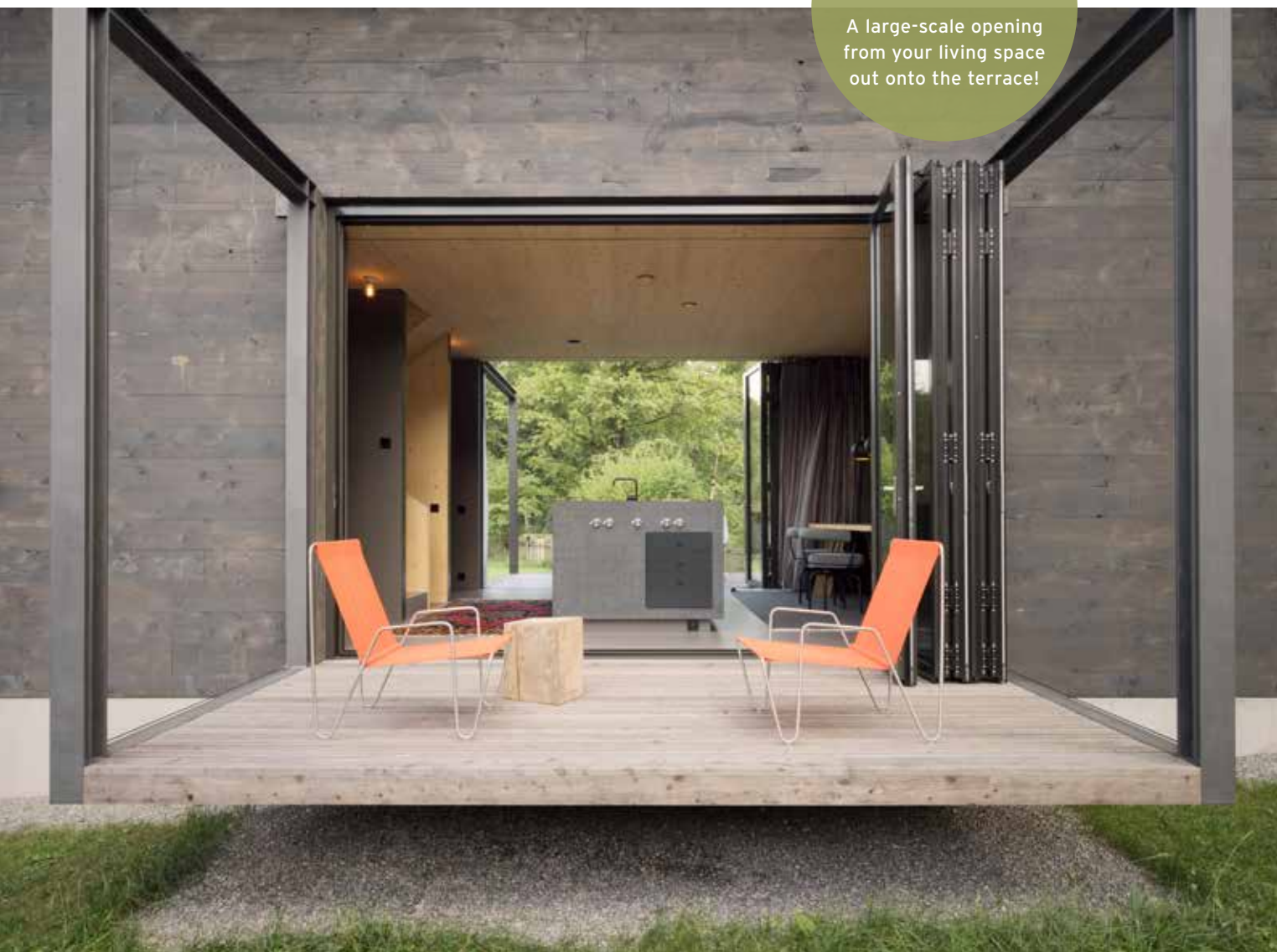
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*The bi-fold door
by Solarlux:*

A large-scale opening
from your living space
out onto the terrace!



MUCH MORE THAN JUST A WINDOW

Light-flooded and flexible

The bespoke fitted bi-folding door made by Solarlux creates large-scale glass façades which can be opened by nearly 100%. Unlike the classic sliding door which retains a large glass structure in your view even when opened, the individual elements of the bi-folding door can be folded sideways into a compact parcel - and you can enjoy an unobstructed view.

Maximal freedom of planning and design allow for customized solutions, tailored solely to your ideas and requirements. Whether you are looking for a large opening between living room and your garden or a flexible solution for your glass extension - bi-folding doors offer countless possibilities. Discover the extraordinary and inspiring options for your home.



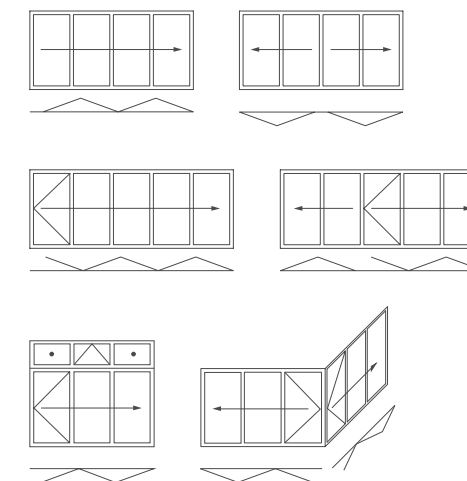


01 The centrepiece of your glass extension: as an element in your glazed extension a bi-folding door provides maximal transparency and a large opening to the outside.

Maximal freedom of design

Experience extreme flexibility: Solarlux bi-folding doors can open inwards or outwards and they can be folded to the left and/or to the right, thus providing many opening variations. It only takes a few easy manoeuvres to open the glass elements virtually across the entire breadth of the opening. Thanks to sophisticated engineering, moving even extraordinarily large glass elements is not only child's play it is also almost noiseless. Integrated tilt and turn window and door elements extend your freedom of design even further.

ARE YOU LOOKING FOR MORE INSPIRATION? VISIT US: [SOLARLUX.COM](https://www.solarlux.com)



ONE SYSTEM, COUNTLESS OPTIONS

Live the dream of a completely new living experience

A wealth of possibilities in design, material and colour turn the bi-folding glass door into a real all-rounder. The aluminium, wood or wood/aluminium systems perfectly blend in with the style and architectural design of your dwelling. A wide range of opening options extend your freedom of design even further. This flexibility is also true for the areas of use - the options are countless. Why don't you find out for yourself?



02



03



04

02 The alternative to the classic window: flexible glass elements create flush entrances.

03 Easy opening and closing: durable carriage mechanism ensures that doors can be opened comfortably and smoothly.

04 As a partition, an alternative to the terrace door or as glazing for your pool: the bi-folding door is highly versatile.

THE BI-FOLDING DOOR R.EVOLUTION

*30 years of expertise
combined in one product*

For more than 30 years bi-folding doors have been the centre-piece of the Solarlux product portfolio. Many years of expertise in planning, development, construction and assembly have now transformed into an even more flexible product - and delivered a thrilling result!

Thanks to an enhanced carriage mechanism opening and closing the individual glass panels is child's play. The delicate sight line measures a mere 99 mm and gives your living space an even more transparent, light and open feel. What is more, the thermal insulation values of the new glass bi-fold with a U_w value as low as 0.8 W/m^2 meet the specifications required for passive houses. *The Bi-Fold Door* comes in two construction depths: Ecoline and Highline.

100% OPEN, 100% SECURE, 100% TIGHT SEAL

It goes without saying that *the Bi-Fold Door* meets all requirements of the best European safety standards. This holds equally true of its excellent seal: the closed system is completely impermeable to cold, wind and rain. Equipped with the most sophisticated thermal insulation, it makes interiors warm and cosy on cold, rainy days. Continual testing of the efficiency of the seal against driving rain and wind as well as technical advancement make *the Bi-Fold Door* a sophisticated, state-of-the-art alternative to standard terrace doors.

Ecoline

- Construction depth 67 mm
- Panel sizes of up to 3 m in height & 1 m in width
- Weight of up to 90 kg
- Glass thicknesses from 5 to 36 mm

Highline

- Construction depth 84 mm
- Panel sizes of up to 3.5 m in height & 1.1 m in width
- Weight of up to 110 kg
- Glass thicknesses from 22 to 60 mm



YOUR BENEFITS AT A GLANCE

Unique solutions for every requirement

LET'S PLAN THIS TOGETHER

You want to know what your home would look like with a bi-folding door? We are happy to give you free advice without any commitment on your part. A tight network of certified expert dealers provides the best possible support throughout the entire process - from the initial idea right down to the handover of the keys.

TRIED AND TESTED QUALITY

Quality "Made in Germany": Solarlux products are continuously tested and regularly improved. They all boast certificates of renowned testing institutes from both Germany and abroad. What is more, the numerous awards given to the German-made systems, prove their excellent design.

SPEEDY AND EFFICIENT ASSEMBLY

Maximal comfort at the construction site: to ensure a smooth and speedy assembly process, the systems are equipped with sophisticated adjustable door fittings. This leaves ample room for manoeuvre and facilitates the fast and flawless handling of the project.

ABOUT SOLALUX

Fascinating solutions made of glass

For more than 30 years Solarlux has been the name for bespoke bi-folding doors, glass extensions and façade design. Engineering expertise, precision in processing and the highest demands in design and functionality have been part of the guiding principles of the family-run business since its foundation. Each and every system is precision-manufactured on the company's own 55,000 sqm of production area and guaranteed to be "Made in Germany". Sustainable production processes, quality to perfection and meeting individual customer requirements always take priority.



