



A NATURAL FEEL FOR YOUR HOME



LIVING WITH SOLARLUX SYSTEMS IN WOOD

INIMITABLY UNIQUE
Every piece of wood is one of a kind

06 - 09

NATURALLY SUSTAINABLE
Every piece of wood is certified

10 - 13

PREMIUM QUALITY
Every piece of wood is perfectly treated

14 - 23

HIGHLY INDIVIDUAL
Every piece of wood is flexible and versatile

24 - 29

LONG LIFESPAN GUARANTEED
Every piece of wood lasts many years

30 - 32

*Wood is not a uniform or homogeneous material – every tree,
every piece of solid wood has its own, distinctive characteristics.
Wood works in harmony with every environment and enables your
home to blend seamlessly into its natural surroundings.*

*This is a standard that Solarlux has upheld from day one:
bi-folding doors and glass constructions create open spaces
flooded with light that transition seamlessly to the outdoors.
Place your trust in our 30 years of experience working with this
unique material – more than 250,000 wooden bi-folding
door panels speak for themselves.*

INIMITABLY UNIQUE

Every piece of wood is one of a kind

Just like people and nature, wood is unique. That is exactly what makes it so attractive. No two natural products are alike, and each one has different properties depending on its variety and origin. The wide variety of different woods, the surfaces of individual wood types, and the variation in colour and texture: all these qualities make wood the most individual material there is.

THE LARGE OPENING
OFFERED BY THE BI-FOLD DOOR
IN WOOD: MODERN LIVING,
CONNECTED TO NATURE



ST. PETERSBURG, RU



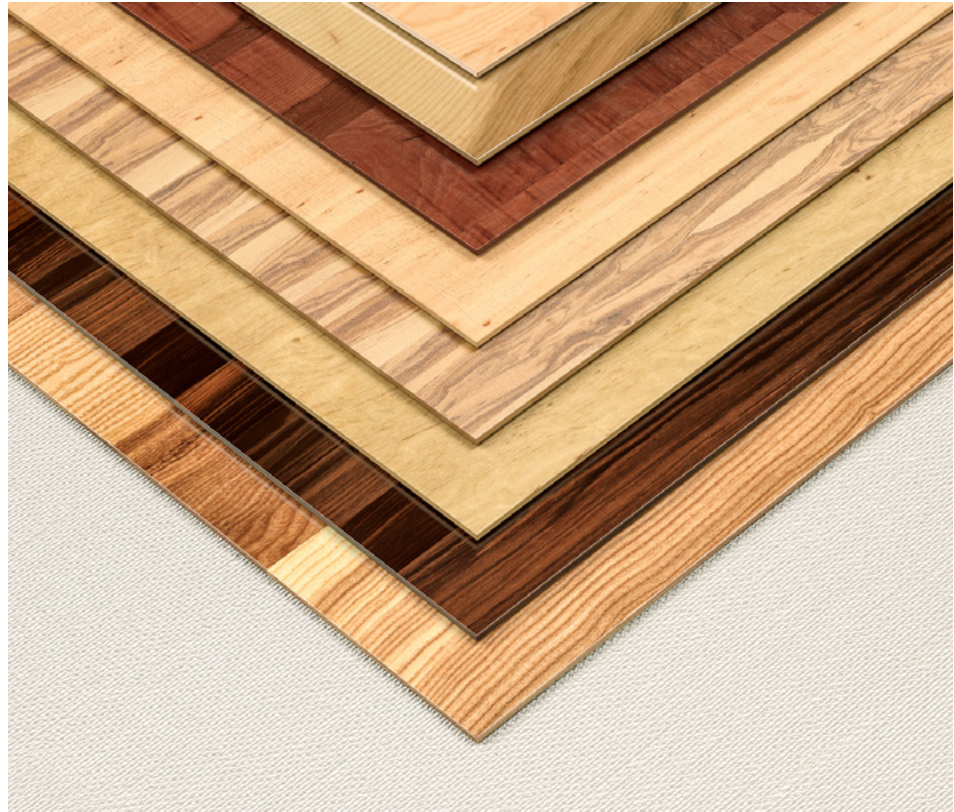
This unique aesthetic is created not only by textural and structural effects, but also by hairline cracks, branches, knots and irregularities – sometimes incorrectly referred to as “flaws”. The use of wood guarantees a product that is one of a kind, and so fits perfectly with the current trend of individualisation. When you choose a Solarlux wood product, you are opting for modern, open and natural living. At the same time, you are making a conscious choice for a high-quality, long-lasting material with all the advantages of a unique, renewable resource.

**SELECTING A SOLARLUX PRODUCT
DEFINES THE WHOLE AMBIENCE OF
YOUR HOME**



NATURALLY SUSTAINABLE

Every piece of wood is certified



MERNATI, SPRUCE AND PINE
AS STANDARD WOODS, SOLARLUX
PRODUCTS ARE ALSO AVAILABLE
IN ANY OTHER WOOD TYPE OF
YOUR CHOICE



THE FSC® SUPPLY CHAIN (COC)
ENCOMPASSES ALMOST EVERY STAGE
OF SOURCING, PROCESSING, TRADING
AND SELLING THE WOOD

From a holistic viewpoint, wood is the most environmentally friendly material there is. The woods used by Solarlux are FSC® and PEFC-certified, and are sourced from sustainable forestry. Both certificates set high standards, particularly in terms of sustainability, the environmental compatibility of the forest cultivation, the quality of the work and the social expertise of the forestry companies.

The use of water-based varnishes, energy-saving production with recycling of water and heat, and the environmental awareness of all the employees are also taken into account when developing the sustainability concept. The successful interplay of all these environmental factors is also reflected in the certification in accordance with the ISO 14001 environmental management standard, which stipulates the internationally recognised requirements for an environmental management system.

When you choose a Solarlux system made of wood, you are thus not only opting for a sustainable material, but also for the environmentally friendly production of your new bi-folding door, glass extension or glass canopy.



PREMIUM QUALITY

Every piece of wood is perfectly treated

Solarlux not only supplies faultlessly functional systems; it also offers 30 years of experience in the production of bi-folding doors, glass extensions and glass canopies using wood. All our systems are subject to continuous testing and further development. Test certificates from reputable institutes attest to the highest quality standards throughout the production process.



**MORE THAN 30 YEARS OF EXPERIENCE
IN WOOD PRODUCTION AND MANUAL
PRECISION COMBINED WITH STATE-
OF-THE-ART MACHINERY RESULTS IN
TOP-QUALITY SYSTEMS**



FROM STORAGE TO PROCESSING,
THE WOOD IS OPTIMALLY HANDLED
AND TREATED IN OUR 5,500-SQUARE-
METRE PRODUCTION AREA



As you would expect, these standards also apply to our in-house wood production facility at our headquarters in Melle, near Osnabrück. Ensuring that Solarlux systems fulfil these requirements perfectly calls for the utmost expertise in production, together with the lowest of tolerances. This starts with storing the materials at a constant temperature and humidity to guarantee optimum processing of the raw timber.



PERFECT PROCESSING QUALITY:
THE RAW TIMBER IS STORED AT
A CONSTANT TEMPERATURE
AND HUMIDITY



STATE-OF-THE-ART PROCESSING
CENTRES AND MANUAL PRECISION
RESULT IN PRODUCTS AND SURFACES
WITH FURNITURE-LIKE QUALITY



The interplay between the latest generation of fully automated processing centres and the manual dexterity of our highly qualified professionals guarantees perfect corner joints, linear contours, and drilling and milling work. High-precision, bespoke solutions for every system enable us to fulfil any requirement.



The subsequent varnishing process comprises three or four coats, depending on the type of wood and the corresponding requirements. In the first production cycle, the wood is impregnated and primed on a state-of-the-art flow-coating and drying system. After intermediate sanding by hand, the wood is given a primary and secondary coat of varnish by a varnishing robot, which guarantees perfectly even coating by scanning the wood with a laser scanner.

Every work step is performed by professionals with many years of experience, in accordance with ergonomic and environmental principles. The certificate awarded by an independent auditor for compliance with quality standards guarantees the highest production quality for your Solarlux system.



SOLARLUX WOOD SYSTEMS
ARE TREATED WITH
WATER-BASED VARNISHES



PREMIUM QUALITY

20 - 21

**WHAT SOLARLUX REPRESENTS**

- More than 30 years of experience in wood production
- More than 250,000 bi-folding door panels made of timber
- 5,500-square-metre wood production facility
- The latest generation of CNC machining centres
- 750 employees, including 35 qualified carpenters
- Systems with timber surfaces in furniture-like quality

LIVING SPACES WITH SOLARLUX**SYSTEMS IN WOOD CREATE A****SPECIAL ATMOSPHERE: EXCLUSIVE,****MODERN AND ENDURING**

HIGHLY INDIVIDUAL

Every piece of wood is flexible and versatile

When you choose wood as your material, you are opting for individual and cosy living. Solarlux fulfils this preference in every respect. In addition to our standard woods – meranti, spruce and pine – all systems are also available in any other wood type of your choice.



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CAREFULLY SELECTED AND COOR-
DINATED WOODS GIVE THE WHOLE
ARCHITECTURE OF YOUR HOME A
HARMONIOUS AMBIENCE WITH OPEN,
LIGHT-FLOODED SPACES

WOOD SYSTEMS OFFER A HUGE RANGE
OF POTENTIAL APPLICATIONS - PRIVATE
AND PUBLIC BUILDINGS, RESTAURANTS,
HOTELS AND RETAIL SPACES



EINDHOVEN, NL



ST. PETERSBURG, RU

Our surface treatments are completely individual, too. Whether you opt for a varnish, a hand-oiled surface or an opaque coating, Solarlux products are available in any colour of your choice, regardless of the product manufacturer. In addition to our Sikkens standard paints, we also offer the option of using paints from Adler, Teknos or Remmers. Thanks to this flexibility in all areas, every system – be it a bi-folding door, glass extension or glass canopy – not only blends into the existing architecture of the house, but also harmonises with the individual lifestyle of its owners. A Solarlux system in wood gives interiors a special sense of character and charm.



Colour **HSM 111 Clear**
Wood type **Meranti**



Colour **TSM 111 Semi-matt**
Wood type **Oak**



Colour **HSM 111 Clear**
Wood type **Spruce**



Colour **HSM 999**
Wood type **Meranti**



Colour **HSM Opal White**
Wood type **Spruce**



Colour **HSM RAL 7016**
Wood type **Meranti**



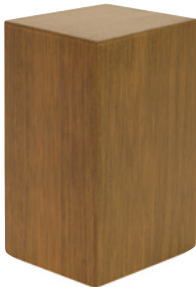
Colour **HSM 344**
Wood type **Pine**



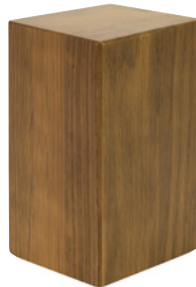
Colour **HSM 322**
Wood type **Spruce**



Colour **HSM 455**
Wood type **Meranti**



Colour **HSM 444**
Wood type **Meranti**



Colour **HSM Antique Oak**
Wood type **Oak**

**AS WELL AS OUR STANDARD
COLOURS, SOLARLUX SYSTEMS ARE
ALSO AVAILABLE IN ANY OTHER
COLOUR OF YOUR CHOICE**

Colours may vary due to differences in wood and texture, or the printing technology used in these images. Such deviations do not constitute grounds for complaints.

LONG LIFESPAN GUARANTEED

Every piece of wood lasts many years

At Solarlux, wood is a material that is used in all our products. Whether it's as a solo material or in combination with durable aluminium, wood makes our bi-folding doors, glass canopies and glass extensions into something special. Our more than 30 years of experience are reflected in the way we combine perfectly designed technical details with unique materials. This results in individual systems of the highest quality.

WHEN YOU CHOOSE A SOLARLUX
WOOD PRODUCT, YOU ARE OPTING
FOR LOW-MAINTENANCE TECH-
NOLOGY WITH A HIGH-QUALITY,
TREATED WOOD SURFACE





BI-FOLDING DOORS

The Woodline (timber) and Combiline (timber/aluminium) bi-folding doors come with structural wood protection as well as technically proficient solutions, such as high-quality carriages, TwinX® panel centering, a special locking mechanism or the option of connecting the door to an alarm system. A high degree of safety is guaranteed in accordance with RC2 or RC2N. The use of barrier-free floor tracks provides the customer with flexibility to use *the* bi-folding door in both private or commercial spaces.

GLASS EXTENSION

The SDL Avantgarde glass extension in wood offers the appeal of a cosy ambience on the inside, while aluminium covers protect the wood from the outside. The drainage of the roof system is designed in a cascade pattern. In combination with the Woodline or Combiline bi-folding door, this glass extension is a truly special, fully fledged living space.

GLASS CANOPIES

The SDL Aura glass canopy is a timber/aluminium profile system with internal statics that is highly weatherproof thanks to its clip-on aluminium cover shell. No additional sealing with liquid sealants within the roof system is not required. The forward positioning of the crossbeam glazing provides optimum protection from the weather for the beams and crossbeams. Lighting and awnings can be integrated in to the system to measure, and are available directly from Solarlux.



FIND OUT MORE AT
[SOLARLUX.COM](https://solarlux.com)



