



SOLARPLEXUS



DESIGNED TO ENERGIZE.

FOR MY INDEPENDENCE,
I DON'T TAKE TO
THE STREETS, BUT
TO MY HOME.



FREEDOM
FOR ME BEGINS
AT HOME.



From e-mobility to heat pumps, to the ever increasing number of electronic gadgets, the modern lifestyle is becoming increasingly electric energy dependent and yet we still try to reduce our carbon footprint. The individualists among us also seek independence from commercial electricity providers and grid operators. For those who have already dared to make the switch from combustion engines to e-motors, they can now go one step further in supplying their private residence – without compromising on architecture and aesthetics.



POWER GENERATION MEETS DESIGN.



Frost Proof



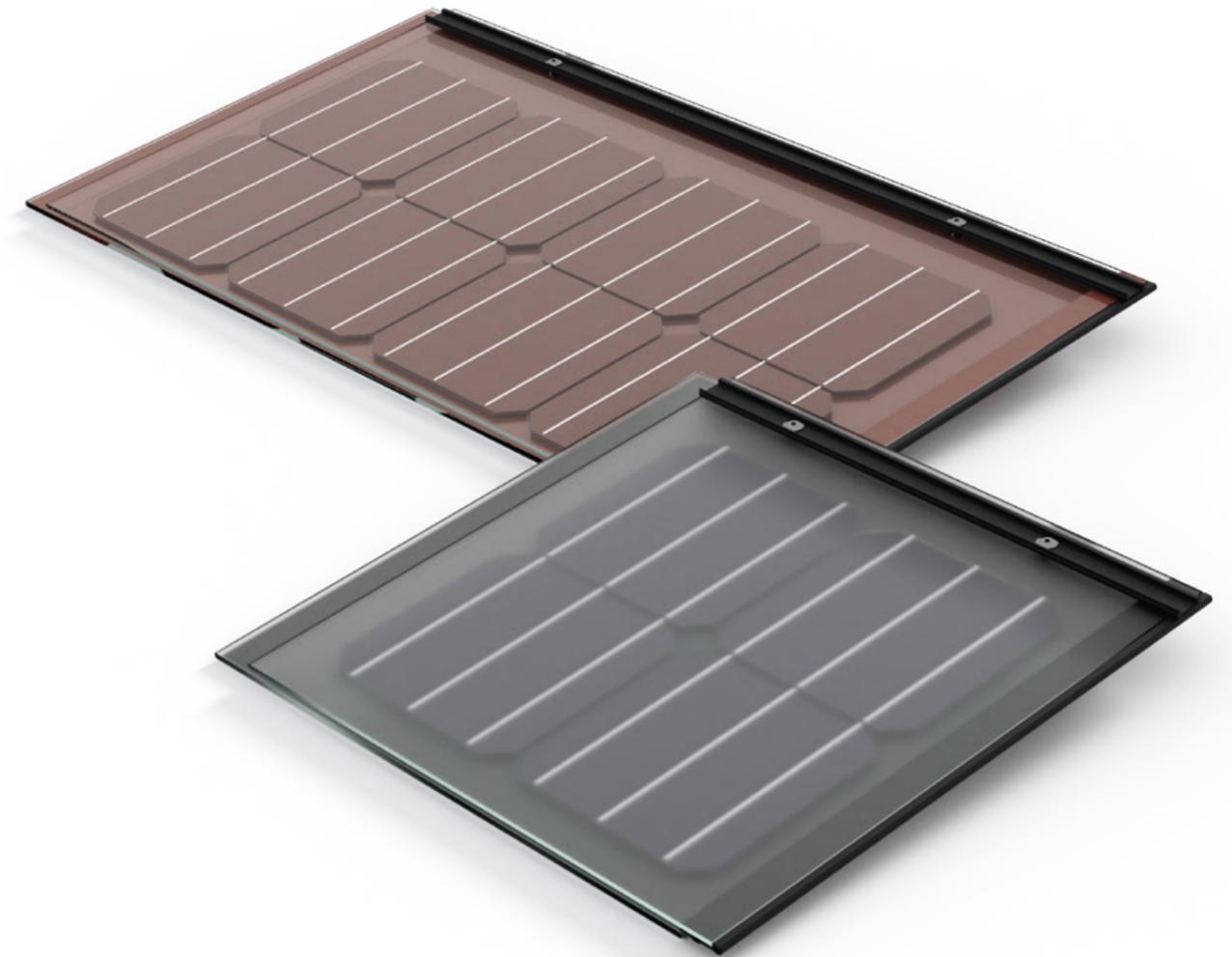
Storm Proof



Rain/Hail
Proof



Fire Classi-
fication:
BROOF1



THE SOLARPLEXUS ROOF

Sizes:
400 x 725 mm
400 x 406 mm

Material:
Mono- resp. polycrystalline
PV cells in laminated safety glass

Finish:
satin or glossy

Colors:

+ More colors on request

Sustainability and energy independence are becoming more important than ever in the design of a home. One of the answers lies in self-generated energy. With SOLARplexus Inroof glasses, aesthetically designed photovoltaics are efficiently put on the roof. The eyesore of added unsightly frames on top of the roof are no longer needed because the PV cells are integrated directly into the laminated safety glass roof tiles.

The SOLARplexus tiles are the perfect weather resistant energy supplier and also a timeless design element. With two standard sizes, a variety of matt and glossy finishes, as well as special color variants, the SOLARplexus roof offers creative design options for architects and roofers. SOLARplexus demands the highest quality and consistent construction materials from our suppliers which results in long lasting weather-resistant units that are ideally suited for all climates.

SOMETIMES SIMPLE IS SIMPLY BETTER!

The change to SOLARplexus roofing tiles does not require a change from the proven existing warm roof substructure. Details for design and installation are always available from our expert support staff. A great advantage of SOLARplexus glass tiles is the simple and fast assembly – from bottom to top – on a standard supporting batten. The roof can still be walked on and the simple plug-in system makes mounting or replacing easy.



Walkable



Extendable/
interchange-
able



Simple to
plan



Traditional
laying

DESIGN AND FUNCTION IN TREND-SETTING SYMBIOSIS.

The multifunctional Inroof PV solution makes a clear statement for sustainable building with style. With a wide range of shape, color, finish and installation patterns, the SOLARplexus roof also provides an additional momentum for contemporary architectural concepts. The modular design even supports low-slope roof styles.

Roof edges and roof valleys can be covered with inactive components of an equal finish for an overall homogeneous appearance. Engineering documentation is always available for reliable project planning.



THE FUTURE OF ENERGY WITHOUT THE SHADY SIDES.



Guilt free electricity generation – without harming the environment. The SOLARplexus full roof concept is engineered for efficiency. Energy that is not immediately required can be stored in optional battery systems that SOLARplexus offers as an overall package tailored for your individual needs.

Who thinks of the future, creates a circular flow: After an exceptionally long service life, the SOLARplexus roof tiles can be safely recycled and almost completely reused.



INNOVATIVE THINKING IN PROVEN TECHNOLOGIES.



EXPERTS FOR YOUR SOLAR ROOF

The time has come to question the concept of a protection-only roof. SOLARplexus relies on the professional experience of its two founders – Bernd Gieseler and Reiner Mack – as well as on the proven PV technology in cooperation with Onyx Solar, the world's leading manufacturer of photovoltaic glass. As your reliable partner, we provide you with support in all aspects concerning your individually planned PV roof solution.



SOLARPLEXUS

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