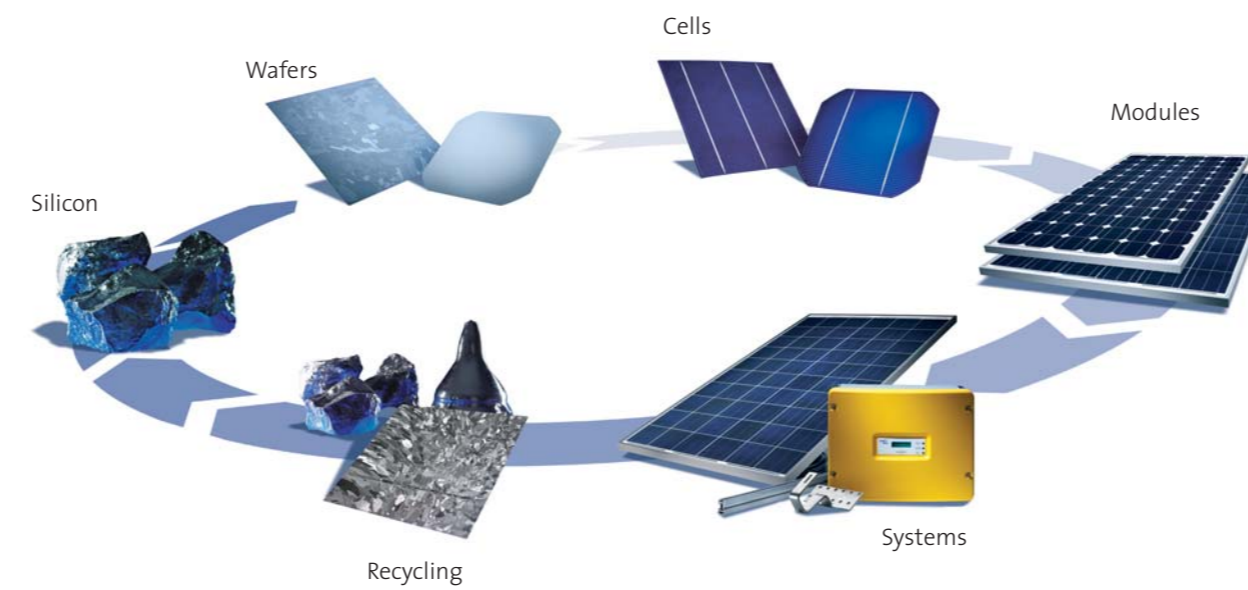




High quality every step of the way

SolarWorld AG with sites in Germany, Spain, Asia, Africa and the USA is one of the world's largest solar companies. All products from raw silicon to large solar systems are produced within the group. Consistent quality management and state-of-the-art R&D departments guarantee highly efficient products that last. SolarWorld® also recycles all conventional solar power modules maximizing solar energy's environmental benefits.



Your reliable partner for solar power

- > 25-year performance guarantee
- > Components that are ideally matched to one another
- > Advanced technology
- > Delivered when and where you need it
- > Comprehensive training courses on planning, installation and distribution
- > Personal consultation
- > Network of local specialized wholesale partners

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SolarWorld. And EveryDay is a SunDay.



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The text and illustrations are technically up-to-date at the time of going to press. Subject to modifications.

Energyroof®
 Perfect design,
 innovative state-of-the-art technology

SolarWorld. And EveryDay is a SunDay.

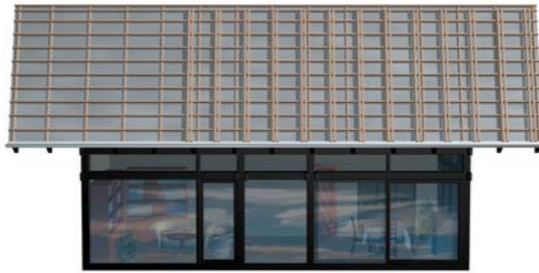


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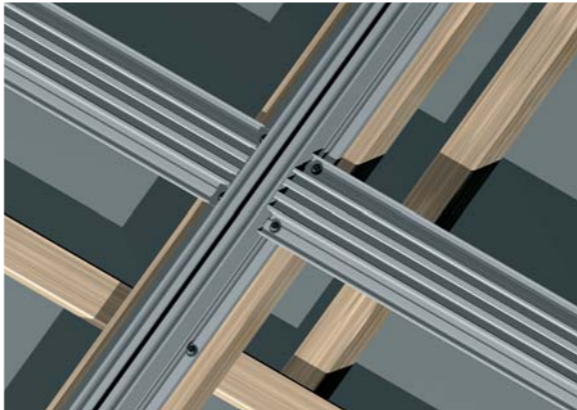
Step by step to the Energyroof®



a Roof substructure
The SolarWorld Energyroof® can be easily installed on almost any existing roof substructure.



b Installation of vertical battens
Additional 30 x 50 mm vertical battens are mounted on the existing wooden battens. In a later step, the vertical aluminium framing is mounted on these battens.



c Installation of the aluminium profiles
The SolarWorld® vertical and horizontal aluminum profiles are installed onto the battens.



d Installation of the mounting gaskets
The mounting gaskets that will later support the laminates are installed into the aluminum profiles.



e Installation of the laminates
The solar PV laminates fit snugly into the mounting gaskets.



f Installation of the rubber clamps
The laminates are fastened with rubber clamps, which fit into the prefabricated aluminum profiles to securely clamp the laminate and seal the roof.



Attractive design and state-of-the-art technology – the perfect combination
Energyroof®, the TÜV-certified integrated roof system from SolarWorld®, combines attractive design and state-of-the-art power generation. Instead of conventional roofing, the roof is equipped with solar laminates and provides clean energy from the sun. On both new and renovated buildings, the Energyroof® can be installed either as a complete roof, or as a roof-integrated solution – both of which include cover frames. Energyroof® offers pleasing aesthetics and outstanding performance, not only as a roof, but as a solar energy generator as well.

Energyroof® – the individual solution
Modern technology and easy installation: SolarWorld® provides complete mounting kits with components that are perfectly matched to one another. Each mounting kit is individually assembled according to the customer's building requirements and includes an installation and wiring diagram as well as a detailed installation manual. Weather-resistant EPDM rubber strips are installed onto the high-quality, aluminium profile system. The laminates are fitted according to the supplied installation manual and attached using EPDM rubber clamps. Weatherproof connections are installed beneath the laminates.

Controlled top-quality
As a worldwide leader in solar power technology and components, we offer our complete product chain with the highest, controlled manufacturer quality. Our production depth is unique in the market and allows us to implement universal quality control at every point in the fully automated production process.

The SolarWorld Energyroof®: a new dimension of solar energy technology.

