

What is Solarstone doing in Estonia?

Solarstone is reinforcing Estonia's commitment to sustainable energy solutions by opening Europe's largest solar roof factory to produce 14 times as many building-integrated solar roofs as Tesla in the U.S. The factory can assemble 13,000 integrated solar panels per month.

Where is Solarstone based?

Solarstone's factory in Viljandi is located on an area of 1,200 sqm, where anyone can pay a visit (with prior notice) and get acquainted with the product range. „With today's setup, we can produce 20,000 tile interlocking solar modules per year, resulting in approximately 715 design solar roofs and 25,000 Click-on kits.

Who makes Solarstone solar panels?

The new factory is backed by investments from Estonian-based companies Sunly and Biofuel. The Solarstone product goes beyond a standard rooftop solar panel. Their building-integrated photovoltaics (BIPV) serve a dual purpose as both a roofing material and an energy generator, turning sunlight into electricity.

What is a Solarstone solar panel?

The Solarstone product goes beyond a standard rooftop solar panel. Their building-integrated photovoltaics (BIPV) serve a dual purpose as both a roofing material and an energy generator, turning sunlight into electricity. "We offer a 2-in-1 solution that is markedly more eco-friendly.

How do you cool a solar panel?

The experimental system used a water reservoir, pump, and a sprinkler mounted above a solar module to cool the panel. Practical experiments used a 10-year old, 36W, 24V photovoltaic solar module, and a new 37W photovoltaic module, both tested with and without water.

What is a click-on solar panel?

Click-on is universal and can be used for residential and commercial roofs as well as solar halls, carports, and facades. Click-on panels have won a Quality Innovation Awards prize in circular economy and carbon neutrality subsection - a global competition among the most ambitious innovators around the world.

In this study a solar collector field in Tallinn is modelled and possible location is proposed and different scenarios using produced solar energy are investigated, such as using solar energy to reduce natural gas consumption, using solar energy for cooling production.

Unlike traditional solar panels, Solarstone products do not need a conventional roof underneath. Seven years later, Solarstone's production has grown from tailor-made roofs to mass production of about a thousand roofs per year.

The new factory features an advanced A+ rated testing station, ensuring all solar panels meet industry standards and offering personalised performance reports to customers. The new factory is backed by investments from Estonian-based companies Sunly and Biofuel.

In this study a solar collector field in Tallinn is modelled and possible location is proposed and different scenarios using produced solar energy are investigated, such as using solar energy ...

The most suitable solar panel solutions for your home. Fixation tins and fastening solutions for the most popular roof types in Estonia. Solar panels, inverters, power optimizers and battery systems. Good stock availability, fast delivery and flexible pricing, consultation.

The new factory features an advanced A+ rated testing station, ensuring all solar panels meet industry standards and offering personalised performance reports to customers. The new factory is backed by investments from Estonian-based ...

Anyone who has seen solar panels in the wild, however, knows that for the most part, they don't exactly scream "timeless style". What makes the Roofit.Solar solution special is that it looks... normal.

Already active in 22 countries, Roofit.Solar is an Estonian CleanTech scale-up offering building-integrated solar roofs that generate solar energy while preserving aesthetics. A rooftop solar solution that seamlessly blends with the design