

9 Arguments for solar facades

Below you find the 9 most popular arguments against solar facades and the reasons why they are not true!

1. Solar power is too expensive

Solar facades are more expensive than the common façade, but the integrated solar cells generate a profit if the applicable cost for shading and thermal protection can be saved with the respective solar façade.

With a feed-in tariff that covers the cost of solar power production, façade solar power plants can be very economically viable.

2. Solar power is complicated

The installation of a façade with integrated solar cells is no different from a conventional façade, only the connection cables between the modules should be planned for.

3. Solar power needs a lot of maintenance

Solar power plants usually follow a yearly control cycle. Façade integrated solar power plants do not need more or less maintenance than a conventional façade. There are hardly any additional operating expenses.

4. Solar facades are not protected against hail

Because of only differing by the integration of solar cells, solar facades are as well protected against hail as conventional glass facades.

5. Solar power plants need more energy for their own manufacturing than they can ever produce in their life cycle

Solar power plants produce about 10 to 20 times the energy that was needed for their own manufacturing process.

6. Façade builders have to take more risk

As a subcontractor, a solar system company will accept warranty for material and construction for the solar trade.

7. Solar cells are always blue, checked plates

Now many cell colors and structures are available for the design of solar facades. Even translucent facades are an option.

8. Solar cells cannot be recycled

There are plenty of processes available to recycle solar modules. Most of them aim to make the silicon cells reusable with significantly less energy than was needed for their initial production

9. Solar power is not recognizable as such

Quality labels for solar power such as “naturemade” in Switzerland guarantee ecologically produced electricity from renewable sources.