



FTMRS SOLAR

Berlin solar Glass Roof





Overview

What is solarzentrum Berlin?

To start tapping more into the potential of solar energy, both in the private and the public sector, the SolarZentrum (solar centre) Berlin was opened in May 2019. It is a component of the “Masterplan Solarcity”, which works as an independent advisory centre on the topic of solar energy (SolarZentrum Berlin, only in German).

How much solar power does Berlin have?

According to the master plan study for the “Masterplan Solarcity Berlin”, the State of Berlin owns 5.4 % of Berlin’s buildings. Their roof surfaces account for 8.3 % of the solar potential (SenWEB 2019). On the public buildings in Berlin, there are 691 PV systems with a total installed capacity of 42.1 MWp (as of April 1, 2023).

Are solar panels mandatory in Berlin?

The set of measures stipulated in the master plan is accompanied by the Berlin solar law. Solar panels have been mandatory since January 1, 2023. The installation and operation of photovoltaic systems have been mandatory since then for new and existing buildings under certain conditions (SenK 2021).

What is the Berlin solar ordinance 2023?

By Daniel O'Reilly | ARCH x TECTURE From the 1st of January 2023, the Berlin Solar Ordinance mandates the installation of rooftop solar panels on all non-public construction projects in Berlin. In addition to new builds, existing buildings are included, where there are significant alterations to the roof.



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Solar roof potential in Berlin

The EO Solar application shows the solar roof potential and solar roof expansion in Germany at various administrative levels down to buildings. This illustration shows the potential for Berlin.

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Green Roof , Berlin Bilingual School

Mar 17, 2025 · The special green roof solar system chosen has an installed capacity of approx. 45 kWp. Once the rooftop solar system is connected to the inverter in the basement, which ...

New Buildings in Berlin must have Solar ...

Jun 23, 2021 · The state parliament of Berlin passed a law that imposes an obligation on private owners of all new buildings and of those that ...

Solar roofs will be mandatory in Berlin ...

Dec 30, 2022 · Berlin authorities announced that on 1 January 2023 all new buildings in the city need to dedicate 30% of their roof space to ...

cube berlin , Architectural

Outside of the box Cube berlin solves solar concerns in unique design with double-skin facade combining Saflex Solar and robust solar control coatings "Thinking outside the box" took on ...

Berlin solar mandate drives rooftop PV ...

Oct 8, 2025 · Berlin's mandate for solar installations on new and renovated roofs has spurred rapid rooftop expansion, but the German capital ...

Solar roofs will be mandatory in Berlin starting in 2023

Dec 30, 2022 · Berlin authorities announced that on 1 January 2023 all new buildings in the city need to dedicate 30% of their roof space to photovoltaic installations. The policy will push the ...

Solar Systems 2023

Nov 8, 2023 · This information becomes even more important, as from January 1, 2023, solar systems have been mandatory for new buildings ...

Berlin solar mandate drives rooftop PV installations

Oct 8, 2025 · Berlin's mandate for solar installations on new and renovated roofs has spurred rapid rooftop expansion, but the German capital remains far from its 2035 clean energy goal.

cube berlin , Architectural

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combining Saflex Solar and robust solar control ...

Solar Systems 2023

Nov 8, 2023 · This information becomes even more important, as from January 1, 2023, solar systems have been mandatory for new buildings and existing buildings following substantial ...

New Buildings in Berlin must have Solar Rooftops from 2023

Jun 23, 2021 · The state parliament of Berlin passed a law that imposes an obligation on private owners of all new buildings and of those that undergo significant roof renovation to install ...

City of Berlin's solar mandate drives surge in rooftop ...

Oct 8, 2025 · This compares to 15,000 arrays with 194 megawatts at the start of the mandate in early 2023. Berlin introduced the solar mandate to unlock the city's rooftop solar potential and ...

The roofs of Berlin are full of energy , Smart Cities Dive

Jan 14, 2022 · At present, about 8,000 roofs in Berlin carry photovoltaic or solar thermal systems. If all suitable roof space of the German capital were consistently fitted with solar arrays, they ...

Q& A: Berlin Solar Ordinance

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