



Solar curtain wall of Lisbon office building

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Both curtain walls and spandrels from Onyx Solar elevate your building's sustainability and aesthetic appeal, providing customizable options and cutting-edge design. Explore how our ...

This building in Lisbon, Portugal called Solar XXI is a 1500 square meter office and laboratory building that functions as a near zero energy building. It uses natural ventilation and ...

Built in 2006 as part of a research project, its main objective is to be an example of a low energy office building using a combination of passive design techniques with renewable energy ...

Solar XXI opened in 2006 and is considered a high efficient building, close to a net zero energy building (NZEB), where the difference between the energy consumed and that produced is ...

Located within the LNEG Campus in Lumiar, the Solar XXI Building is an example in the city of Lisbon that, since 2006, continues to lead in the strategy for energy efficiency and ...

The building is designed to be mainly naturally-ventilated and to make use of both passive and active solar technologies. It has three floors with a total area of 1 500 m².

The Solar XXI building is the new office building with laboratories of the INETI organisation. It demonstrates: energy consumption for Comfort and Day-lighting; Integration of renewables ...

energy performance 1/10 regarding a standard Portuguese office building. From the NZEB goal perspective, the building, which design is based on a combination of passive design ...

Modern curtain walls are equipped with solar control technologies that regulate the amount of heat and light



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entering the building. Features like low-emissivity (Low-E) coatings on the glass ...

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