



Stockholm New Energy Building solar Glass Components Research and Development

The building uses two solar control glass types: COOL-LITE®; XTREME 70/33 II and COOL-LITE®; XTREME 61/29 II, on the crystal clear DIAMANT®; substrate. This smart combination ...

Though the path to building decarbonization is steep, with years of hard work ahead, Stockholm's successes offer a glimpse into a cleaner, greener future for New York's built environment.

BIPV panels are designed solar modules that replace conventional facade coverings and are integrated in the building skin. More than just traditional covering, they deliver renewable energy to the building. Solar facades ...

Forskaren embodies its sustainability ambitions with LEED Platinum, WELL v1 Gold, and Miljöbyggnad Gold certifications, and was honored as Stockholm Building of the Year 2025.

The buildings are designed with angled roofs to maximize the benefits of the sun as an energy source, balconies that are built into the facade, and with cutting-edge energy solutions and environmental ...

This article presents a novel, realistic and affordable solution to minimize the footprint of smart building energy systems and enable higher renewable energy use in the building sector.

The company performs exterior and interior glass solutions, solar facades and roof-mounted solar systems for commercial properties. The business is run from the production facility in ...

In the subsequent decades, the increased focus on intelligent building design and constant technological advances in glass products mean that integrating large glazed surfaces in low energy buildings has now ...

The contradiction between need of energy efficiency and the wish for "glass buildings" led to the subject of this report. This Bachelor's thesis examines how demands on energy efficiency is met in nine glass buildings in ...

From the reuse of construction materials to the use of energy-generating glass facades, Stockholm Waterfront Congress Centre is designed to cut CO2 emissions and minimise climate and environmental impact.



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