
Stockholm New Energy Building solar Glass Components

Research and Development

Is Stockholm Waterfront Congress Centre energy efficient?

The water is stored in 250 tonne ice tanks in the basement at night and used at peak hours during the daytime. These measures make Stockholm Waterfront Congress Centre one of the most energy-efficient buildings in the world, achieving the LEED Gold standard. The other example is Kungsbrohuset, situated by Stockholm Central Station.

What are some examples of energy efficient buildings in Sweden?

The other example is Kungsbrohuset, situated by Stockholm Central Station. Its energy solutions make the building so efficient that it only requires 51 kWh per sqm a year, which is half the energy consumption prescribed by the Swedish National Board of Housing, Building and Planning.

Is Stockholm Royal Seaport energy efficient?

At Stockholm Royal Seaport, energy calculations are submitted for all phases of building projects. The review of the first phase Norra 2, after two years of occupancy, showed that energy performance is 26 per cent lower than the applicable Swedish building code regulations and means that buildings in the area meet the zero-energy directive.

Does Stockholm Water Front use a lot of energy?

Stockholm Water Front consists of three buildings with completely different energy requirements. The office building doesn't use much energy in the evening and at night, while the hotel has its highest energy consumption in the morning and evening.

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

Circular resources, energy and buildings Stockholm Royal Seaport will be a fossil-free district with low resource use and minimal environmental and climate impact. To reduce energy use, all ...

Glass can be used for aesthetic purposes, but also for thermal insulation, solar protection and noise control to create comfort using artistically inspired concepts. Here is a ...

Conclusion Integrating solar power into modern architectural design is essential for promoting sustainability and reducing energy costs. ...

Modern energy sources such as solar, wind, geothermal, and gravitational energy have become essential components of sustainable ...

In Europe, the BIPV market is in a state of transition because mandatory energy performance regulations are very near. This is expected to take ...

rebro-based faade company Essa Glas is one of the Group's companies active in faade contracting and solar energy for ...

Solar and architecture combined. Solar facades are expected to become an increasingly important part of the development of the sustainable buildings of the future. Driven ...

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 ...

rebro-based faade company Essa Glas is one of the Group's companies active in faade contracting and solar energy for commercial properties. The company has now been ...

Web: <https://hakonatuurfotografie.nl>

