

Kongres Container

Israeli solar curtain wall processing company



Overview

What is photovoltaic curtain wall?

Photovoltaic Curtain Wall generates energy in the building implementing solar control by filtering effect, avoiding infrared and UV irradiation to the interior.

Who is sky-walls?

Sky-Walls Ltd. pioneers smart facade technology with proprietary innovations, enabling urban construction to embrace sustainable solutions. Sky-Walls redefines the building envelope to address energy inefficiency in the built environment, with unique, patent protected products. Supported and funded by the Israeli Innovation Authority.

What is a curtain wall?

Curtain walling refers to a non-structural cladding system made from fabricated aluminum, commonly used on the outer walls of tall multi-storey buildings. This lightweight material offers ease of installation and can be customized to be glazed, opaque, or equipped with infill panels.

What is a spandrel Photovoltaic Glass?

Similarly, Onyx Solar's innovative spandrel glass not only offers a sleek appearance but also generates clean, renewable energy. Traditionally used to cover building structures, our opaque spandrel photovoltaic glass delivers superior energy efficiency with high solar energy yield, thanks to its dense solar cell integration.

What are aluminum curtain walls?

The aluminum systems are not only easy to transport but also straightforward to manufacture. Curtain walls —also known as glass façades and exterior glazing systems —convert previously unused spaces into energy assets, enhancing both aesthetics and functionality.

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