

Kongres Container

Dual-glass smart components



Overview

What types of smart glass solutions does intelligent glass offer?

Intelligent Glass offers a wide range of Switchable Smart Glass solutions with options including Toughened Glass, Laminated Panels, Smart Glass Windows and the retrofit Self-Adhesive Switchable Film.

What is laminated LCG® smart glass?

Laminated LCG® smart glass is produced by sealing a sheet of PDLC film between two panes of glass by a glass fabricator or glass processor. A glazier or glass installer then installs the glass, and an electrician connects it to a power source. Laminated smart glass is more durable because the film is protected from the elements.

What is switchable smart glass?

Our switchable smart glass technology LCG® (light control glass), allows smart glass to change from transparent to varying degrees of opaque on demand for privacy, custom shading, solar control, and transparent displays in the spaces where you spend your time most. Complete privacy or transparency when you need and want it most.

What is a double glazed smart glass window?

Double Glazed Smart Glass Windows (or Smart Glass DGUs) are potentially one of the more expensive Smart Window options, with a complex manufacturing process required to produce it. The PDLC layer encased inside the unit is fully protected from outside threats such as weather, moisture or physical damage.

What is multifunctional smart glass by Zeiss?

Thanks to multifunctional smart glass by ZEISS, projected keyboards, holographic cameras, and transparent screens with different projection levels are already a reality today. The multifunctionalization of any glass and

transparent surfaces enables the advancement of infotainment and the Internet of Things in your home.

What is smart glass technology?

Transform any window into a movie screen with rear-projection display Smart glass technology is an active glass technology that switches opacity states with electricity. The unique particles or molecules inside our films scatter or align as films are turned on and off, allowing for opacity or transparency.

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