

LIQUID CRYSTAL TECHNOLOGY



GMVG Smart Glass is a switchable glass that can be changed from translucent to transparent at the push of a button. By applying electrical voltage, the liquid crystals arrange in one direction and the glass becomes transparent immediately.

The result is a switchable glass that creates a private or open atmosphere as needed.

FOILS

- PDLC foil in white and grey based on liquid crystal technology
- PDLC foil white up to 1790 x 3000 mm
- PDLC foil grey up to 1500 x 3000 mm
- Larger dimensions available on request
- Partial foiling possible
- Can be combined with PVB and EVA foil
- Circumferential foil cut-back of 5 mm
- Function test before and after lamination via special software

CONTROLLER

Unlike other transformers, our controllers offer a variety of functions such as foil protection through specially adapted voltage, smart-home compatibility and a variety of fuses (DC blocking, short circuit, overload, overvoltage). Our controllers are CE & UL certified, with high drive power and small size interface, as well as fast switching and low energy consumption.

- Controller with ON / OFF function or dimmer up to 10 square meters.
- Controller Mini up to 4 square meters.

In many applications, the transformer or the foil must be switched off for at least 4 hours per day. **With GMVG Smart Glass, this is not necessary.**

ADVANTAGES

High transparency when switched on and low haze with simultaneously high opacity when switched off.

Short delivery time due to in-house production (self-lamination) in Ginsheim. All GMVG products are produced in a clean room with air-conditioning.



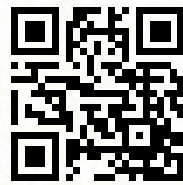
APPLICATIONS FOR INTERIOR AND EXTERIOR

- Glass partitions
- Door light cutouts
- Elevator glazing
- Facade
- Rear projection displays / presentation screen
- Conference rooms
- Trade show construction
- Clinics and hospitals
- Banks and insurance companies



SMART GLASS

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GLASMAYER
TRANSPARENTE INNOVATION.