



MAGIC GLASS

From transparent to translucent –
as if by magic

CLEAR OR OPAQUE – AT THE FLICK OF A SWITCH

With Magic Glass, you have both options in one product

Extends the application spectrum in an instant

DORMA Hüppe Movable Walls offers intelligent solutions for flexible, acoustically efficient spatial management. And with its new Magic Glass elements, you now also have the possibility of switching quickly between transparency and translucence to suit the moment – simply by operating a wall switch or your hand-held remote control.

Discretion when required

Transparency is an essential design component in any modern room configuration. However, exposing the partitioned rooms to full view is not always desirable – conferences, customer meetings and working groups may well wish to switch their Magic Glass elements to opaque to avoid disruption, disturbance or prying eyes.

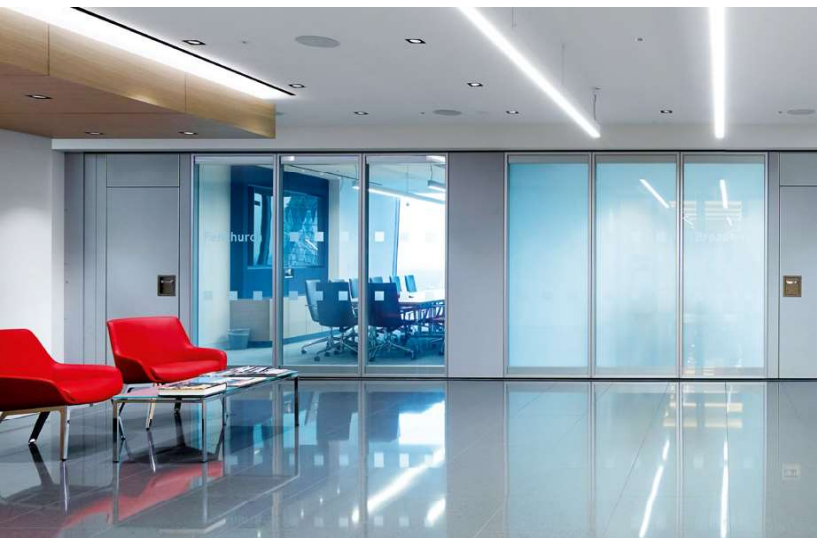
Even greater flexibility: Individual elements within the glass partition can be equipped with Magic Glass panels and separately operated for a partial effect.

Repeat any number of times

Liquid crystals in a conductive layer create this amazing phenomenon witnessed in Magic Glass. As soon as an electric current is passed through the two layers, the crystals arrange themselves in tight order and the Magic Glass element becomes transparent. The state is adopted within an instant and can be repeated any number of times.

Magic Glass technical data

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|----------------------------|--|
| Switching time (ON -> OFF) | 10 ms |
| Energy consumption (ON) | approx. 4 W/m² |
| Transparency | > 92 % (similar to LSG) |
| Function | ON = transparent, OFF = opaque |
| Min. to max. temperature | -40 °C to + 90 °C |
| Service lifetime (ON) | > 300.000 hours |
| Operating cycles | unlimited |
| Maximum size | 1200 mm x 3000 mm other dimensions on request |



Magic ON. Transparent.



Welcome to the meeting: The room is separated from the outside by mobile partition elements, but still appears open and transparent.

Magic OFF. Opaque.



Focus undisturbed: As soon as the electrical supply to the Magic Glass is switched off, the milky glass coloration conceals the room from external gaze.