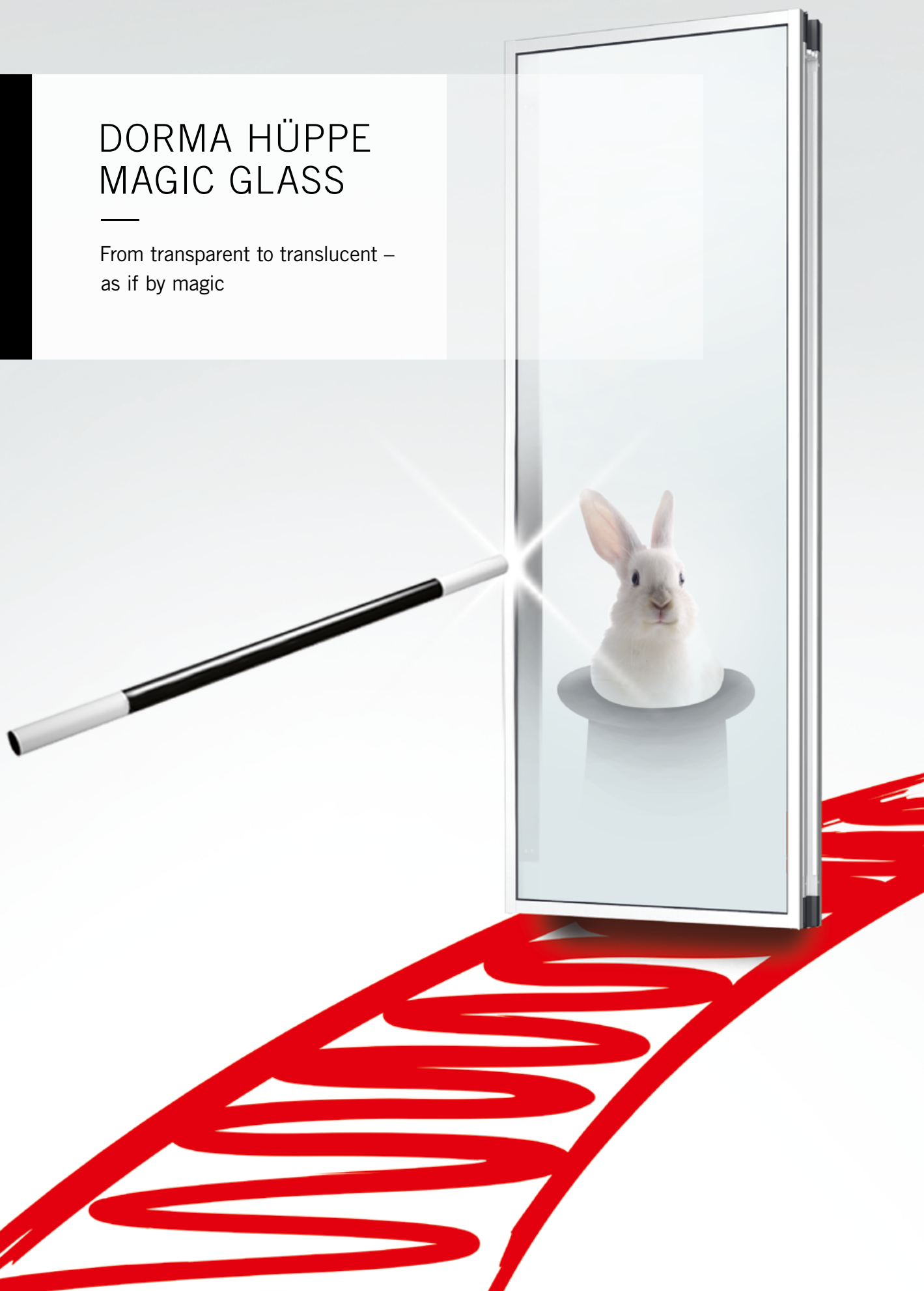


DORMA HÜPPE MAGIC GLASS

—
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.

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

Switching time (ON => OFF)	10 ms
Energy consumption (ON)	approx. 4 W/m ²
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	1.200 mm x 3.000 mm Other dimensions on request

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



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.



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