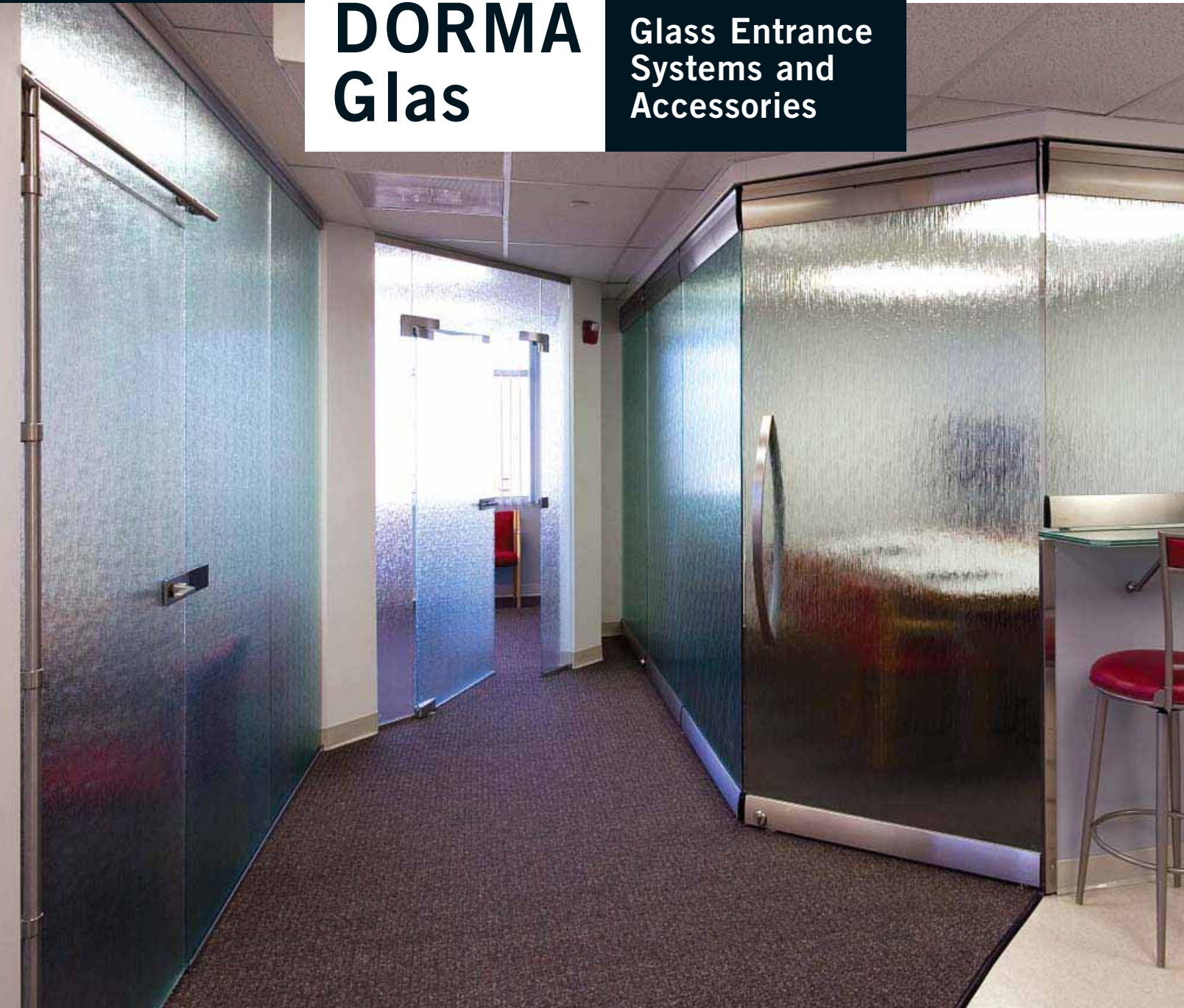




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DORMA Glas

Glass Entrance
Systems and
Accessories



DORMA MANET — Limitless possibilities in glass concepts

Modern offices today require open space and light—one reason designers and architects prefer the flexibility that glass partitions and doors provide. DORMA's MANET system for glass architecture offers designers limitless possibilities in creative ideas with glass. These systems can be designed with either a pivoting or sliding door, simulating open space while still maintaining privacy.

The MANET hardware is uniquely designed with flush-mount, single point, stainless steel

fittings to provide a streamlined smooth surface. MANET components are even available in a 316L stainless steel to withstand wet environments. The MANET system accommodates 3/8", 1/2", 5/8", or 3/4" tempered glass, as well as sliding wood panels. The stylish Compact line is stocked in the US for immediate availability.





AGILE 150 — Smooth operation, unmatched durability

The AGILE 150 system, part of a new generation of high performance glass panel sliding accessories from DORMA Glas, combines versatility and durability with sleek European design.

The AGILE 150 system operates on a compact track with the roller assembly hidden inside the track. Its design eliminates the need for a separate cover and can be ceiling or wall mounted, as well as completely recessed into the ceiling to give the appearance of an all-glass sliding door.

In addition to its aesthetic benefits, the AGILE 150 system provides superior versatility in installation and maintenance. No glass drilling or machining is required for installation due to the pressure-clamped rollers.

In addition to sliding panels, the AGILE 150 system can also accommodate fixed sidelites within the same top track, eliminating the need for additional top channel.

The entire unit features a minimum track height of 2-1/2". The maintenance-free, mechanically clamped roller assembly allows for a panel height adjustment of +/- 3/16" and can be used with 3/8" or 1/2" tempered glass.

The DORMA AGILE 150 system has proven durability. Performance challenges have included tests involving over 100,000 motion cycles and salt-spray tests for corrosion resistance. DORMA offers extra draft protection with exceptionally discreet seals

and enhanced convenience options such as the AGILE Syncro version, which allows two panels to move simultaneously.



DORMA VISUR — Design & function in perfect transparency

The sophisticated new VISUR double-acting pivot system from DORMA makes it possible to create all-glass double-acting doors without any visible fittings. All hardware components are completely hidden—located in the top recessed header tube and concealed in the floor. VISUR is the only product of its kind offered in the market today.

The unique VISUR design requires the glass to be cut with protruding tabs that fit into the top and bottom recessed hardware. The top header tube can conceal an RTS88 overhead closer or can be used with a top pivot for a free-swinging door.

Because the door fittings are so unobtrusive, architects and specifiers are free to choose any



material and any color for the surrounding structures. The transparent door reflects and enhances their design to maximum advantage.

DORMA products are known for their outstanding quality and VISUR is no exception. Endurance tests have subjected the VISUR double-acting pivot system for 500,000 operating

cycles. These tests prove that an all-glass VISUR door will stand up to demanding traffic over time—embodying design and function in perfect transparency.



DORMA TENSOR — Convenience and precision



Tempered glass doors are increasingly popular in both commercial and residential markets and designers often choose to fit them with double-acting hinges.

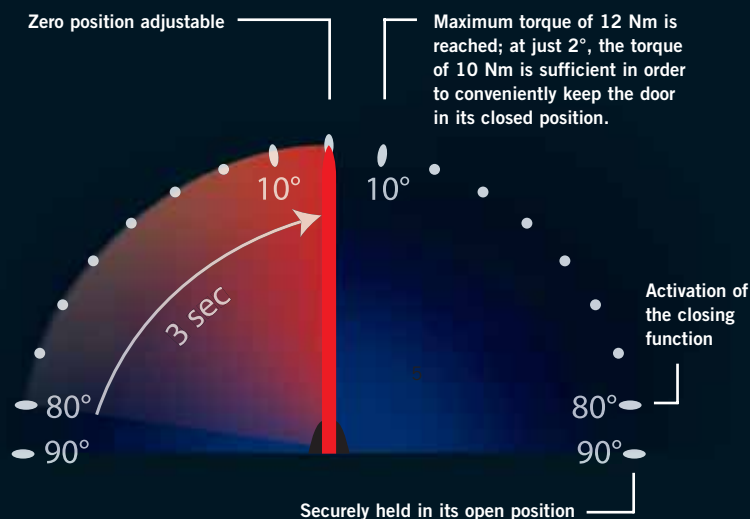
The DORMA TENSOR double-acting hinge is suitable for a wide range of applications, including conversions and renovations. The hinge is installed directly at the masonry or to a non-rebated frame. These hinges can also be installed directly to a fixed tempered glass panel, the only double-acting hinge on the market to do so.

The TENSOR hinge offers an automatic closing function

engineered to bring the door safely back to its zero position—a position that can be adjusted within the hinge at any time to ensure that double-leaf doors remain precisely aligned.

An inlay embossed with the DORMA logo provides a mechanical stop, protecting the hinge surface against damage when the door is opened to 90 degrees. The inlay also protects the hinge's technical core—the simple, high-precision zero-position adjustment mechanism.

From a walk-in closet door to large, high-frequency entrance doors, TENSOR's adjustable



How Tensor Works

At 90°, the TENSOR system holds the door firmly and securely in position. Once pushed in the closing direction, the spring mechanism of the TENSOR fitting takes over, operating from an angle of 80°. The door closes quickly and securely. And while the torque of 10Nm will keep the door conveniently closed, only 12Nm is sufficient to open it.

spring force ensures that the hinge can be ideally adapted to provide just the right amount of swing every time.

DORMA TENSOR hinges have been successfully tested for 500,000 operating cycles, making TENSOR a perfect addition to the DORMA family of top quality products.



HSW Sliding Glass Walls — Ideal for total vision



DORMA Glas HSW Horizontal Sliding Glass Wall systems are ideal for any application where total vision is required. The development of HSW has created a way to make storefronts and swing doors literally disappear simply and easily when desired. Since the system is top hung, there is no floor track or guide to create a possible trip hazard or maintenance issue.

Furthermore, the DORMA Substructure ensures flexible planning, simple installation, maximum reliability, and outstanding safety for the entire system.

The design of DORMA's HSW sliding wall system focuses on detail and sturdy construction. The system can accommodate heights up to 120" and panel weights up to 300 lb. The HSW system with standard top and bottom rails can be used with 3/8", 1/2", 5/8", or 3/4" tempered glass. Snap on covers allow the panel height to be easily adjusted in the field.

The HSW system is available in many different styles and track layout options. Each system is custom made per your specific opening. The HSW-DRS and HSW-G systems utilize top and

bottom clamp-on door rails for a structured and easy-to-use system. The HSW-GE and HSW-GP styles are also available for minimal hardware, using the Universal patch fittings and MANET single point fittings. The DORMA FSW Folding Sliding Glass Wall system is suitable for all openings requiring a straight track run with the panels sliding and folding together as one. The FSW system is simple to plan, easy to fit, and works smoothly and safely.





DORMA ENTRY Structural Hardware — Transparency in the solution

Façades, roofs, canopies, and external/internal walls made of glass require construction systems that satisfy the highest demands for functionality and aesthetics. DORMA has designed a range of options that sets new standards by

extending the MANET range to incorporate structural fittings. Complemented by LOOP, RODAN, GlassFin, and V Spider Fittings, DORMA offers a variety of solutions to create innovative and exciting transparent architecture.





DORMA Exit Hardware — Unique design for glass doors

The new DORMA Exit Hardware system offers the safety and security of conventional push-bar exit devices in a configuration uniquely suitable for glass doors. Options include Panic Devices, Easi-Release Electronic Egress, Dead Bolts, and Dummy Pulls.

Panic Devices are offered in the DG1000 series with top latching bolt and manual or electric strikes, and in the DG1100 series with bottom latching bolt and threshold and ramp strikes. The Panic Devices also utilize DORMA interchangeable core cylinders.

The Easi-Release Electronic Egress system, which is also offered with the DG1000 (top) and DG1100 (bottom) push-bars, works in conjunction with a magnetic shear lock. A manual switch in the vertical tube activates the magnetic shear lock in the top or bottom door rail.

The Dead Bolts, with DG1000 or DG1100, are available with interchangeable core cylinders and thumbturns. The DG1300 is also available for top or bottom, or for both top and bottom locking bolts.

Dummy Pulls are also available to complement non-functioning handles.

All DORMA Exit Hardware devices are available in stainless steel or brass with a polished or satin finish. The system is U.L. Listed and BHMA Certified (ANSI/BHMA Grade 1, Type 2).

The system is appropriate for use with 1/2" to 3/4" tempered glass and can accommodate a wide range of door sizes.



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