



Single-point fixings for
internal applications

DORMA MANET



MANET Connecting glass and stainless steel	4 – 5
MANET Pivoting door system	6 – 11
MANET Sliding door system	12 – 19
MANET Connecting system for glass elements	20 – 23
MANET AMBIENT Furniture design system	24 – 27

Internal architecture with MANET

Experimental

Architecture requires space for vision, experimentation and design liberation.

Modern internal architecture, with its use of glass and stainless steel, expresses a demand for more freedom in the interplay of transparency and light, shape and colour, weightlessness and structure.

Designers wishing to make their mark using high-quality materials such as glass and stainless steel opt for

quality, a long lifetime and outstanding design. If you are looking for products offering optimum elegance and visible technology for a range of application areas in internal architecture, DORMA delivers the ideal solution.

- Whether for
- pivoting or sliding doors
 - space-configuring glass partitions or for
 - customised furniture design.

Second to none

Single-point fixings from the MANET range give every room an appearance that is second to none, not least due to the high-quality materials and the striking MANET point fixing, which is found in modified form in all fitting variants.

The quality of the material and the technical perfection of the fixing ensure that the load-bearing structures are reduced to a minimum, thus maximising

the aesthetic effect produced by large areas of smooth, flat glass.

MANET products – awarded the red dot award.



reddot





The single-point fixing
 The MANET system is based on the single-point fixing as the basic key component.

These attractive, superbly designed and prize-winning MANET products guarantee the easy and precise fixing of glass elements. The clip-on cover feature enables installation and adjustment to be performed via the fitting itself, preventing any risk of damage to the visible surfaces. After installation, the clip-on covers are

inserted into the single-point fixings. The result: the distinctive MANET look with its attractive flush glass surfaces. To achieve these, counter-sunk holes instead of the usual through-holes are needed in the glass. The plastic sleeve gasket protects the glass from direct contact with the stainless steel component.

Pivoting



Sliding



Connecting



Function and design in harmony

Frameless pivoting doors

The functionality and optical features of the MANET pivoting door are ideally coordinated. Even in its standard models, this frameless swing door allows maximum architectural freedom.

In addition to the pivot rod, the system comprises bottom pivots, top pivot

fittings with pivot or eccentric bushing and overpanel sidelight connectors.

This offers you almost limitless possibilities for installing frameless pivoting doors in wall openings – even with glass overpanel and sidelights – and in glass partition wall assemblies with single-point fixings.

A variety of options

The MANET pivoting door system is suitable for double-action and single-action doors.

Both types of door can be fitted with floor springs, e.g. the DORMA BTS 75 V. Corner patch locks can also be fitted.



MANET pivoting door system
Variant 1



MANET pivoting door system
Variant 2



MANET pivoting door system
Variant 3

Variant 1

The pivot point of pivoting door fitting variant 1 lies at the centre line of the glass pane, resulting in particularly small air gaps between the door and the glass sidelights or the wall.

The top pivot is connected to the pin in the style of the well-established DORMA Universal fittings, while the door is connected to the pivot rod via sliding clamp fittings. The combination of these measures increases the ease of installation and adjustment.

Variant 2

The fittings of MANET pivoting door system variant 2 retain the familiar straight-line design.

Besides the standard connectors, the range also includes 90° offset over-panel sidelight connectors, which allow overpanels to be fixed securely e.g. to soffits, or side lights to be connected at an angle. Depending on their application, the connectors themselves can also feature a pivot bearing location for the door. The pivot rod is made to measure and is supplied with single-point fixings for mounting the door leaf.

Variant 3

Within the MANET pivoting door system, the standardized sets comprising variant 3 epitomise straightforward planning and dependable functionality.

Flexibility is ensured not least by the short-type top and bottom pivot rods. The visual effect of a continuous pivot rod can be achieved using the short-type model in conjunction with an intermediate tube, which is cut to measure from a standard length of 2 m depending on the door leaf height.



Self-service area in
Sparkasse Bad Salzungen



Cloakroom facilities
at Bochum Theatre



Treatment room in a
dental practice





Primary school entrance
area, Natz, Italy



Entrance area of Don-Bosco
Church, Bolzano, Italy
(with cross formed by
MANET pull handles)

Shower with pivoting door,
private project

As if floating ...

Sliding doors fitted with the MANET system can be fixed in glass partitions and even structural wall openings. The high degree of flexibility of the MANET sliding door system provides plenty of scope for implementing outstanding solutions to satisfy individual requirements. In addition to the standard variants, curved, bi-parting

or parallel sliding doors can also be constructed.

As if floating, the rollers of the MANET sliding door system glide on the track. These elements are the key components of the structure. You can choose between three variants, each of which features differing engineering and design details.



MANET sliding door system
Variant 1



MANET sliding door system
Variant 2



MANET sliding door system
Variant 3

Variant 1

With its soft lines, the modified design of MANET variant 1 presents an outstanding alternative to the original straight-line MANET fittings for sliding doors. Technical modifications give less experienced installers the opportunity to plan and fit door systems safely and easily. Hence the clamp fittings, which secure the track rails for the sliding doors, are sliding and thus offer a high level of flexibility when compensating for structural and dimensioning tolerances.

Variant 2

Variant 2 of the MANET sliding door system offers the opportunity to employ surface-mounted single-point fixings as an alternative to countersunk fixings.

The track rail is essentially made to measure – for single-point fixing to masonry or to a glass over-panel and sidelights.

The operating smoothness of the door is ensured by the anti-jump mechanism on the carrier and stops at the end positions of the rail. The unadorned simplicity of the roller lugs brings to mind the origins of this sliding door concept.

Variant 3

In addition to its visual effect, variant 3 of the MANET sliding door system is characterised by six standardised sets which allow conventional system models with 10 or 12 mm toughened safety glass to be planned quickly and easily.

The length of the track rail is adapted to requirements. Clamp fittings provide a high degree of flexibility in terms of planning and realisation. Optional accessories permit a variety of design opportunities within the individual sets.



Service area in
Sparkasse Innsbruck



Office storey in
Sparkasse Bad Salzufflen



Nurses' station on
the 'Toscana' ward,
North Rhine-Westphalia
Heart and Diabetes Centre,
Bad Oeynhausen



Consultation booth in
Raiffeisenkasse Innsbruck



Private cupboard solution:
MANET with
wooden panelling



Double-leaf door in
a private apartment

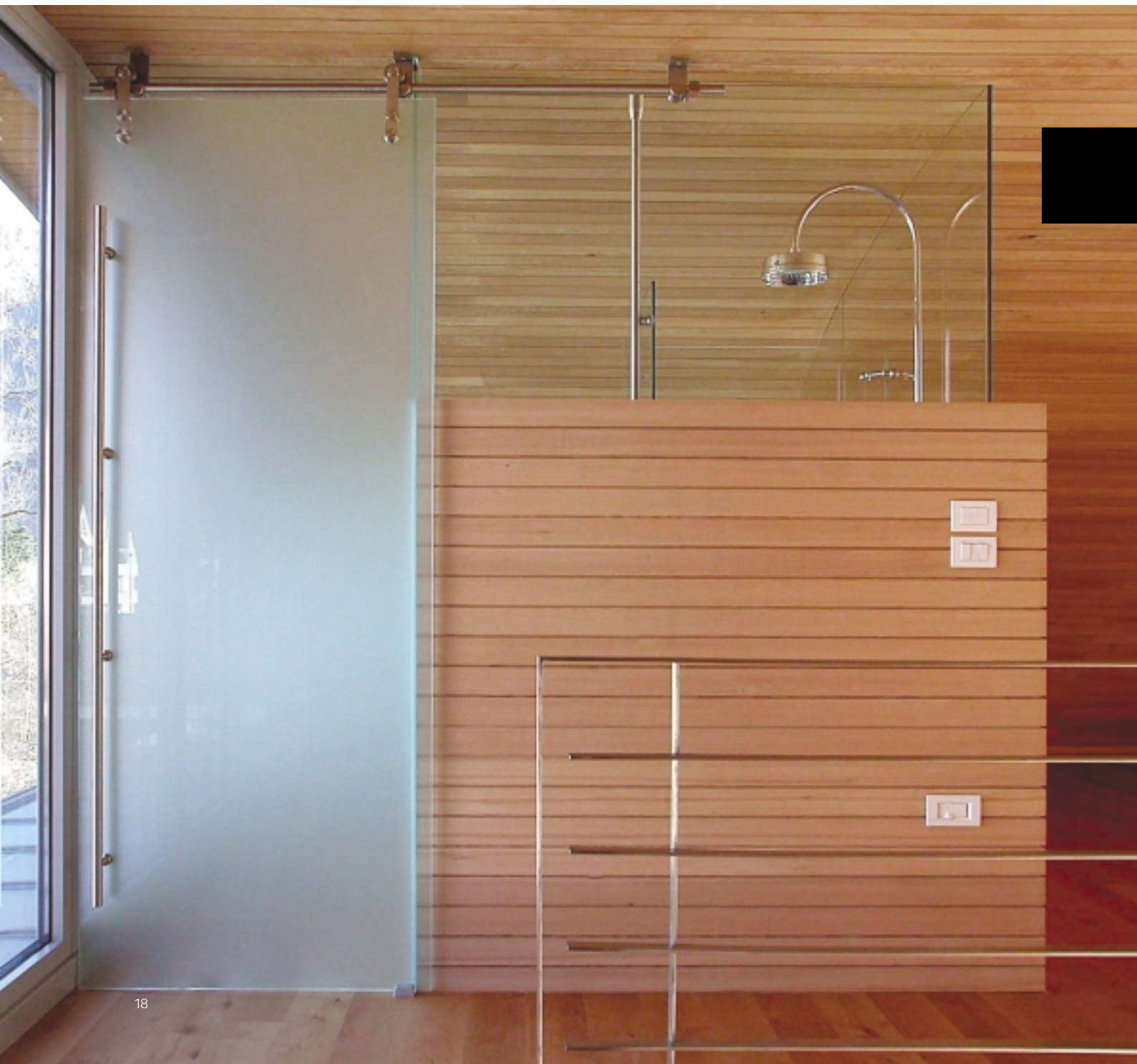


Private entrance area



Between the entrance
and the nave:
St. Hedwig's Church,
Bielefeld

Entrance to shower room,
private project





Pichler AG,
Bressanone, Italy



Genetti Salon Lana,
Italy

System connections

Glass partitions, constructed with the MANET connecting system, enhance internal architecture anywhere, creating friendly and airy rooms in which people feel at ease. The system modules enjoy a diversity of applications, boast a broad spectrum of connection options and can thus accommodate an extremely wide range of architectural requirements.

The MANET connecting system has proven particularly successful as a

solution for designing entire floors. Where large numbers of people have to work with great concentration, this system creates quiet, enclosed zones while still maintaining maximum interface transparency between different areas. Communication and interaction are encouraged and the spaciousness and openness of the internal architecture provides exactly the right atmosphere.



Perfect design

The unparalleled engineering excellence ensures that the MANET connecting system with all its design variants offers transparency and aesthetic elegance.

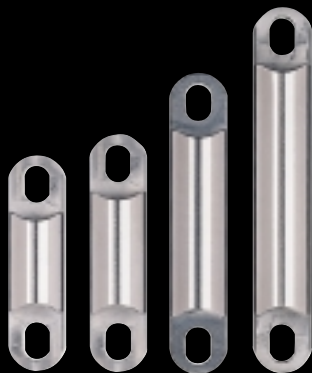
The adjustable corner connectors hold the glass elements precisely for fixing to walls, ceilings, floors, platforms and plinths.



For all types of room

Ease of planning and the right connections – guaranteed with clamp and corner connectors fitted in combination with connecting rods of various lengths. These components enable glass partitions to be connected to each other or to existing structures at almost any

angle. Wayward structural tolerances can easily be accommodated by the slots provided at the end of the connecting rods. Even subsequent structural modifications are unproblematic, as all components may be reordered individually.



Connecting rods



Pivoting glass clamp



Pivoting wall fixing



Clamping connector



Floor connector
Ceiling connector





Segmented glass frontage
at Volkswagen, Kassel



Glass elements in a
semicircular arch, shop
entrance area, Chiusa, Italy

Glass frontage with
MANET ceiling connectors
in an office storey

The art of transformation

System versatility

Elegant in appearance and outstanding in terms of engineering, MANET AMBIENT is the perfect complement to any furniture design.

The stainless steel hardware system unites function and elegance to afford a diversity of creative opportunities.

The MANET AMBIENT system concept has been successfully developed to

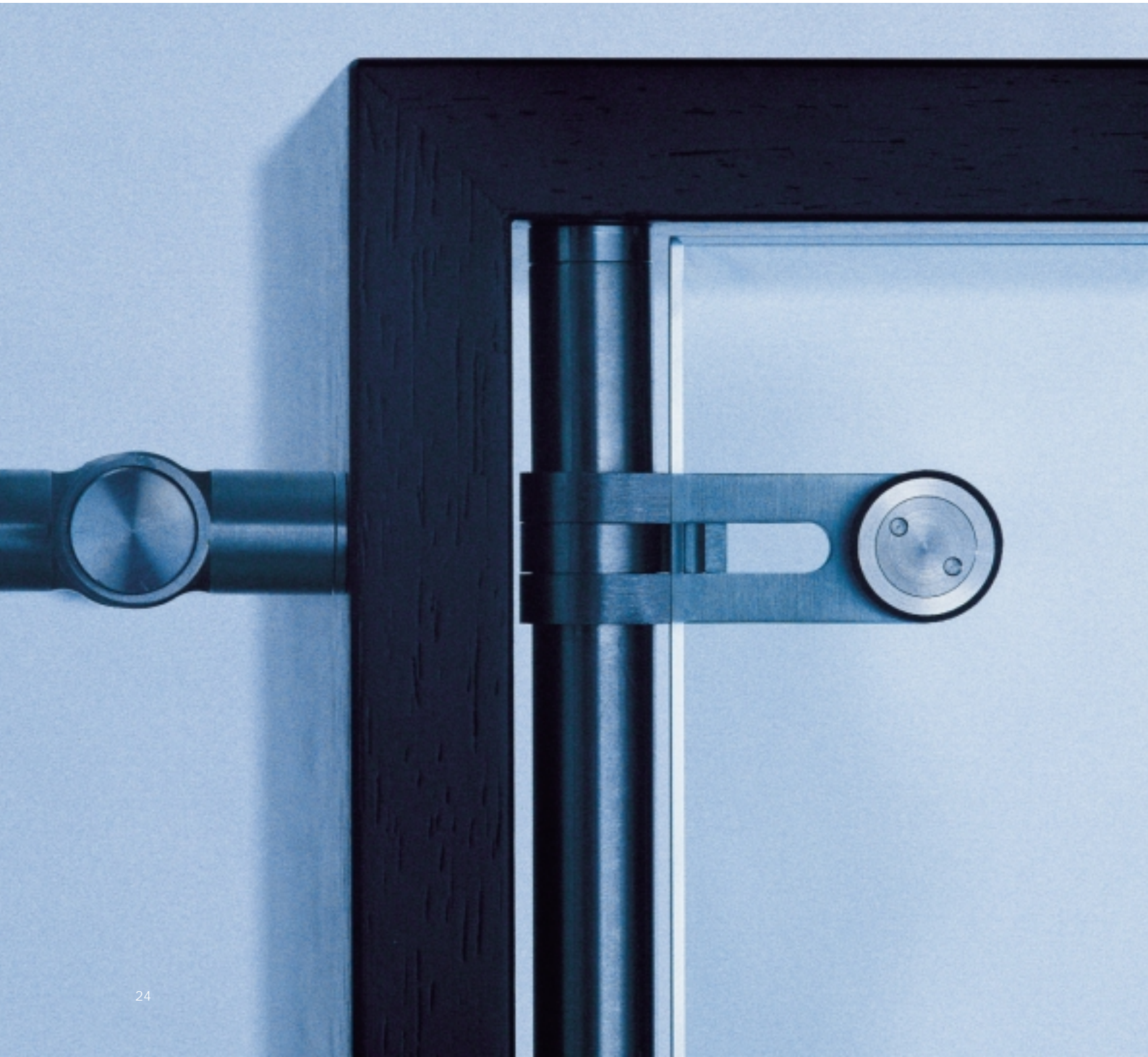
include MANET stainless steel single-point fixings. Variable in function and with just a small number of basic components, these fittings are veritable quick-change artists. MANET AMBIENT is the ideal aesthetic partner not only to glass surfaces but also to fine wood carcass furniture – in offices, foyers, kitchens, living rooms and bedrooms.

Creativity knows no bounds

MANET AMBIENT is a top performer when it comes to creating a refined ambience with exacting requirements. Its sophisticated system concept affords the designer almost unlimited scope for creativity.

Sliding, pivoting, retention – exacting in terms of its concept and engineering excellence, this system is

quite unique. The guide elements are not concealed, but serve to accentuate exceptional furniture design. The rod plays a particularly important role as a connecting element that also functions as a support, track rail or pivot. Shelf supports and single-point fixings are further components in this system with its exceptionally convenient fitting methods.



Pivoting

Sturdy hinges underpin the optimum performance characteristics of a swing door. Depending on the structure, the pivot points can lie within or in front of the carcass. In that case, right-angled hinges ensure that the glass door lies perfectly flush with the front of the furniture item.



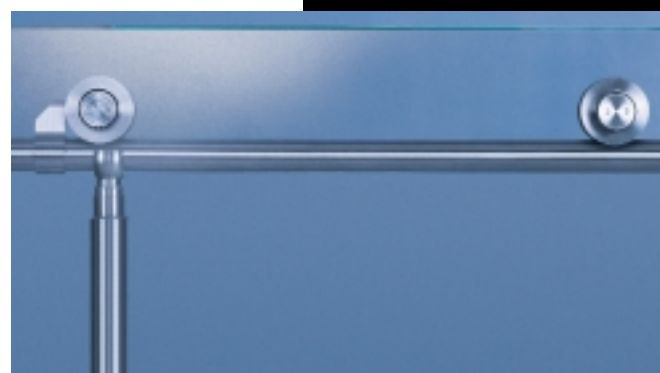
Retention

MANET AMBIENT system components play an important supporting role in shelf constructions. Versatile accessories enable the ultimate in furniture design, whether purely in glass and steel or in combination with integrated wooden carcass elements.



Sliding

For space-saving and space-creating solutions. Plastic-tyred rollers mounted in ball bearings ensure that sliding doors glide smoothly. Countersunk single-point fixings, which attach the rollers inside the frontages, provide a flush finish with the glass panel.





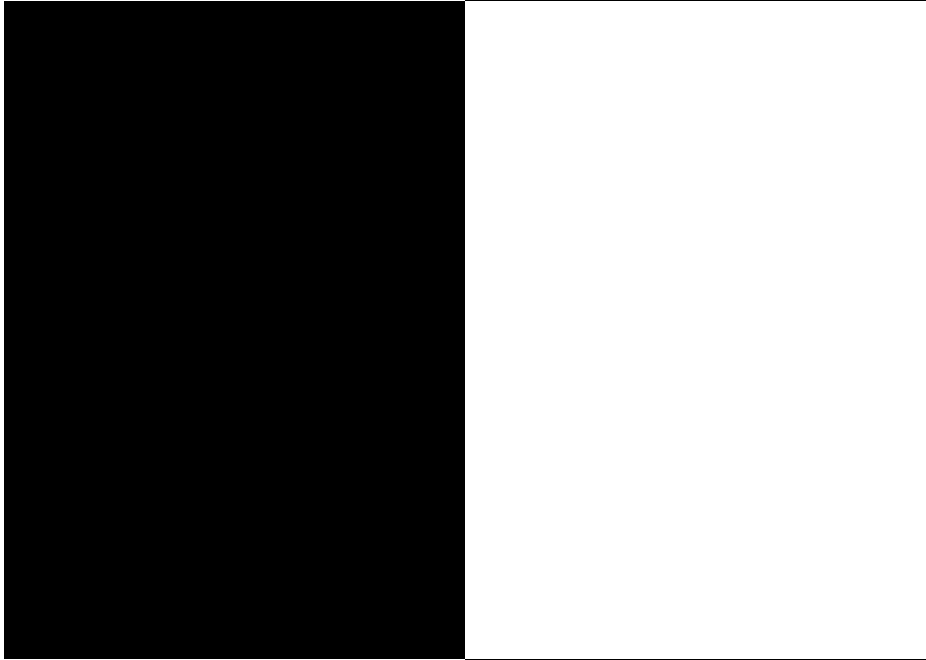


Mercedes Shop,
Kurfürstendamm, Berlin



Mercedes Shop,
Kurfürstendamm, Berlin

Carcass furniture
with sliding door



Division Glasbeschlagtechnik
Glass fittings and accessories
DORMA-Glas GmbH
Postfach 32 68
D-32076 Bad Salzuflen
Max-Planck-Straße 35 - 45
D-32107 Bad Salzuflen
fon +49 5222 924-0
fax +49 5222 21009
www.dorma-glas.com