



# Interior Glass Systems 2

Patch fittings

Structural Glass fittings

Handles

Glass innovations

**dormakaba** 



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Pull handles and recessed grip	16
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# MUNDUS Comfort + BTS



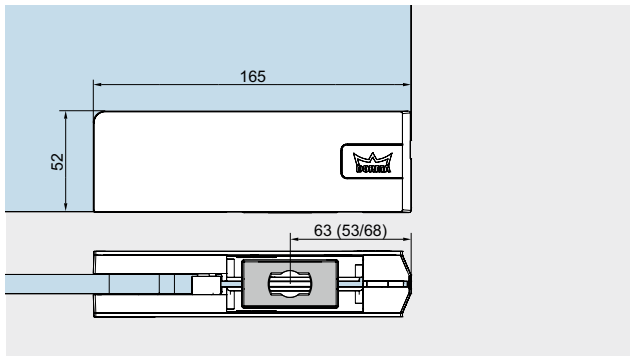
## Technical data

Type of glass	Single-pane safety glass
Glass thickness	8–12 mm (for door panels)
Max. door panel weight	150 kg
Lock design	Europrofile cylinder, KABA
Applications	1- /2 panel, side panel, fanlight, toughened glass assembly
Material	Aluminum, stainless steel
Finishes	Stainless steel matt & polished, Eloxal colors, powder-coated
Your benefits	Multi-dimensional adjustability Continuous acceptance of glass thicknesses from 8 to 12 mm (for door panels) Life cycle: approx. 500,000 movement cycles

## MUNDUS Comfort

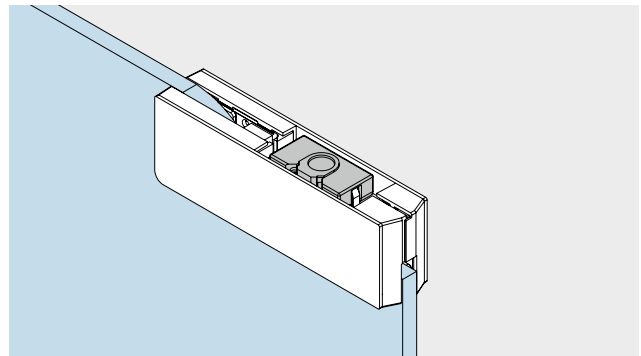
PT 10/20 were tested in a continuous test based on DIN EN 1154.

The test confirmed 500,000 operating cycles with a panel width of  $\leq 1100$  mm and a panel height of  $\leq 2500$  mm.



### Bottom patch fitting

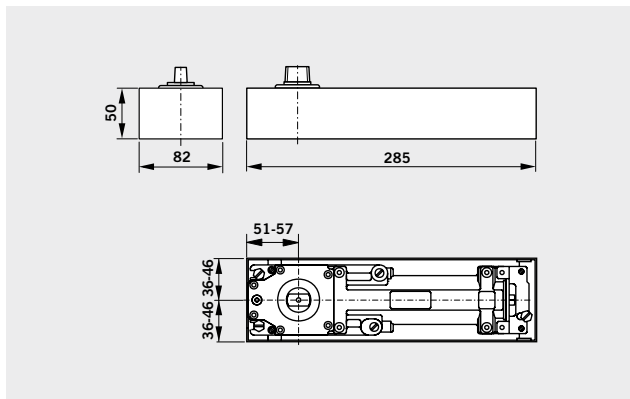
Figure MUNDUS Comfort PT 10



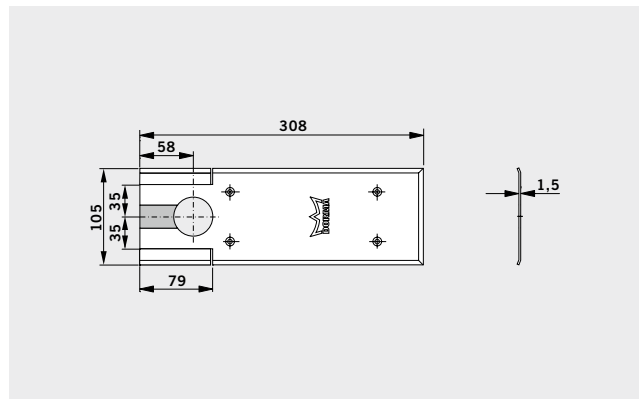
### Top patch fitting

Figure MUNDUS Comfort PT 20

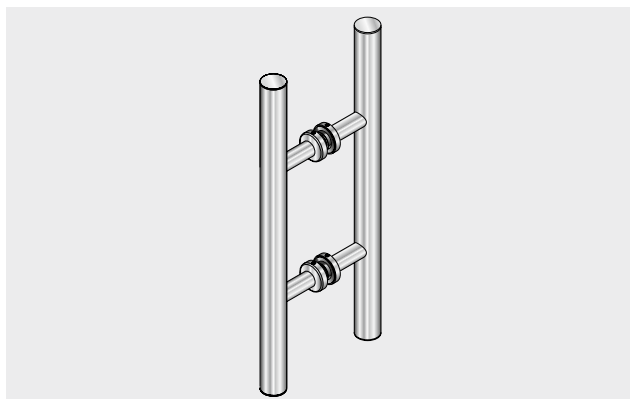
## BTS 75 V (up to 1,100 mm)



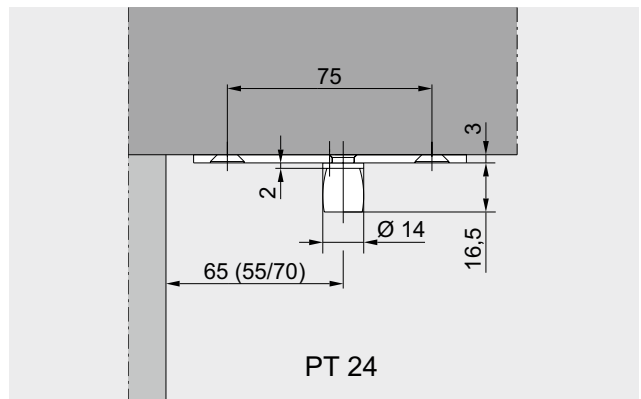
## BTS 75 V cover plate

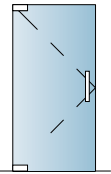
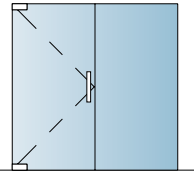
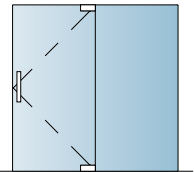
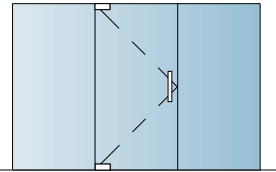
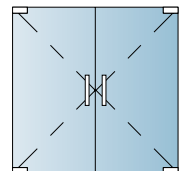


## Stainless steel pull handle 350 mm



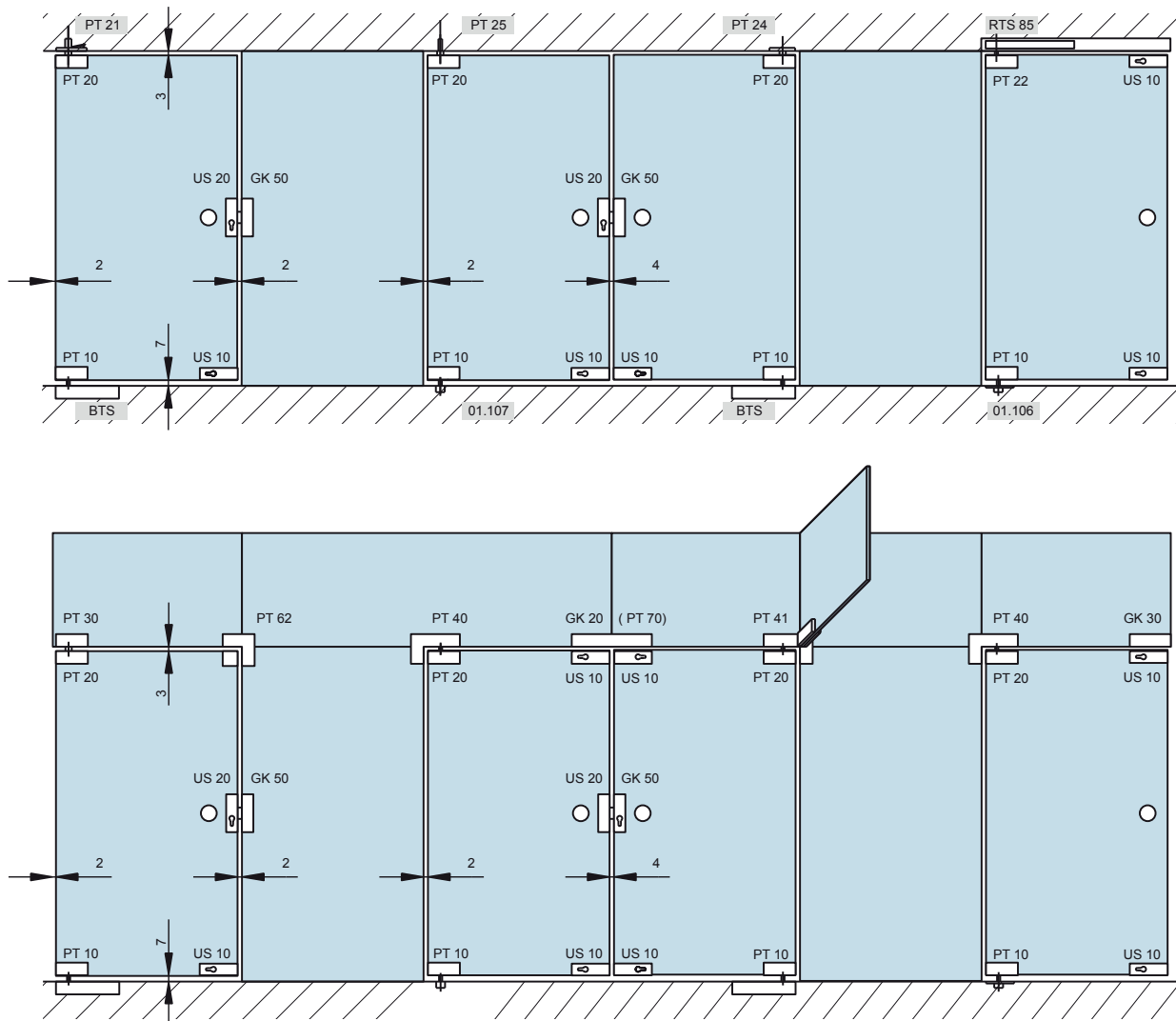
## MUNDUS Comfort PT 24, top pivot



	Article no.	Article name	Finish
	<b>8.38.971.750.99</b>	Set 1, consisting of: 1 BTS 75 V with 90° fixing 1 BTS 75 V cover plate 1 MUNDUS Comfort PT 24 1 MUNDUS Comfort PT 10 1 MUNDUS Comfort PT 20 1 Stainless steel pull handle 350 mm	Stainless steel
	<b>8.38.971.750.99</b>	Set 2, consisting of: 1 BTS 75 V with 90° fixing 1 BTS 75 V cover plate 1 MUNDUS Comfort PT 24 1 MUNDUS Comfort PT 10 1 MUNDUS Comfort PT 20 1 Stainless steel pull handle 350 mm	Stainless steel
	<b>8.38.971.750.99</b>	Set 3, consisting of: 1 BTS 75 V with 90° fixing 1 BTS 75 V cover plate 1 MUNDUS Comfort PT 24 1 MUNDUS Comfort PT 10 1 MUNDUS Comfort PT 20 1 Stainless steel pull handle 350 mm	Stainless steel
	<b>8.38.971.750.99</b>	Set 4, consisting of: 1 BTS 75 V with 90° fixing 1 BTS 75 V cover plate 1 MUNDUS Comfort PT 24 1 MUNDUS Comfort PT 10 1 MUNDUS Comfort PT 20 1 Stainless steel pull handle 350 mm	Stainless steel
	<b>8.38.972.750.99</b>	Set 5, consisting of: 2 BTS 75 V with 90° fixing 2 BTS 75 V cover plate 2 MUNDUS Comfort PT 24 2 MUNDUS Comfort PT 10 2 MUNDUS Comfort PT 20 2 Stainless steel pull handles 350 mm	Stainless steel

For the securing or fastening of the glass side panel, please refer to our profile program:  
LM wall connecting profile, frame system MR 22/28 and U profile.

## Patch fitting information



BTS = Floor spring  
GK = Strike box  
PT = Centre hung door fittings  
RTS = Transom closer  
US = Lock

### Maximum door weights and width for universal fittings

max. door weight 130kg\*  
max. door width 1300mm\*

For doors with higher frequency and in public areas we would advice to use a door rail for doors above 110 kg and door width larger than 1100 mm. For door weights up to 150 kg and widths up to 1400 mm door rails should be used.

#### \*For door heights up to 2500 mm

For doors with a height of more than 2,500 mm we have to keep additional conditions/limits:  
Glass thickness  $\geq 10$  mm  
+ Usage of a handle bar with 3 connection points in minimum and a minimum height of 2/3 door height

#### \*Use of door closers:

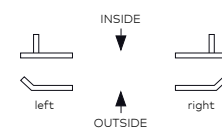
Doors  $\geq 100$  Kg must be used with door closers type EN4 (with or without out back check) or a higher type (e.g. EN5) without back check

### Torque for fixing screws

Screws M 6: 10 Nm (4 mm)\*  
Screws M 6: 15 Nm (5 mm)\*  
Screws M 8: 20 Nm (5 mm)\*  
\*Allan key size

### Please note: If angle fittings or fin fittings are used:

"Left" or "Right" Have to be determined in any case by view from outside and above.



# ARCOS UNIVERSAL

Wherever glazing and its hardware need to merge into a single entity, our ARCOS product line offers the ideal transition. Offering gentle lines with a flowing design, this range of fixings, fittings and furniture provides the perfect blend between the two primary materials. Metal and glass appear to combine seamlessly – with the arclike curvature of the ARCOS range characterising all the hardware in the programme. Inside and out. With its extensive experience in the materials involved and the associated manufacturing techniques, dormakaba has all the production capabilities required to apply this sophisticated capping geometry.

## Weight

Max Panel Weight: 100kg

## Parameters

Panel Width: Max 1100mm

Glass Thickness: 8-12mm

## Features

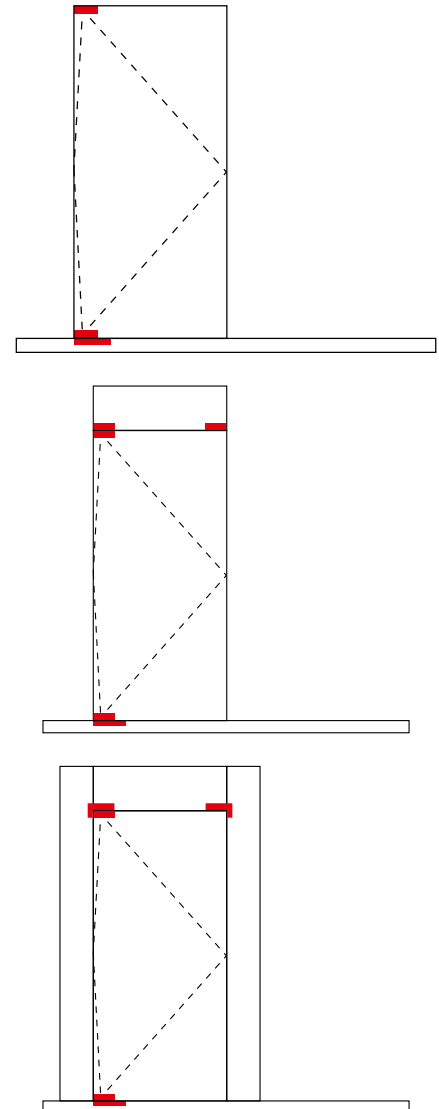
For internal / external assemblies  
For Double and Single action doors  
Easy Glass Preparation, secure fixing  
Variable Pivot Point  
Matching range of locks

## Optional

Finishes available: Aluminium EV1 (Natural)  
Satin Stainless Steel  
Polished Stainless Steel.

## Pricing

Please contact your dormakaba consultant for a customised solution.  
[glass.za@dormakaba.com](mailto:glass.za@dormakaba.com)







# C SPIDER

The dormakaba range of Structural Spider Assemblies and Point Fixings allows for maximum creative flexibility, while presenting unique and innovative designs, unparalleled quality and superior performance.

With fittings that are easily identifiable by their unique design characteristics, the castings move the focus from that of standard functional element, to true design feature.

Supplied in variants ranging from one to four arm configuration, and to suit node or glass fin assemblies, all hardware is formed from the highest quality 316 grade stainless steel.

Castings undergo rigorous testing ensuring superior appearance, quality and performance. Every dormakaba solution comes with ultimate peace of mind. Inspirational innovation, helping to push the boundaries of modern design and construction.

## Features

316 Stainless Steel

To suite Glass thickness 10-21.52mm

## Optional

Polished / Satin Stainless Steel.

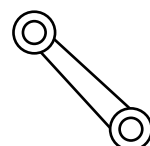
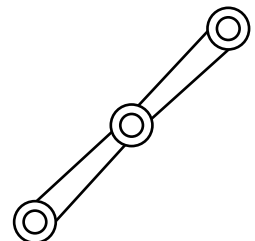
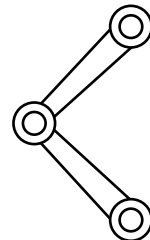
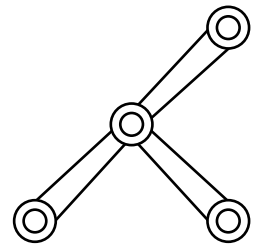
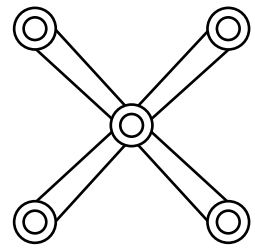
Rigid / Articulating bolts.

Articulated bolts for double glazing.

## Pricing

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[glass.za@dormakaba.com](mailto:glass.za@dormakaba.com)





# V SPIDER

The dormakaba V Series of Spider Fittings allows for maximum creative flexibility, while presenting a unique and innovative design, unparalleled quality and superior performance.

Easily identifiable by its unique V shaped slotted arm, the casting creates a design feature.

Supplied in variants ranging from one to four arm configuration, and formed from the highest quality 316 Grade SS, all castings are TUV Certified ensuring superior quality and performance. Every solution comes with ultimate peace of mind. dormakaba - Inspirational innovation.

## Features

316 Stainless Steel

To suite Glass thickness 10-21.52mm

## Optional

Polished / Satin Stainless Steel.

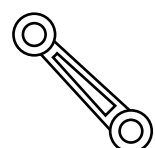
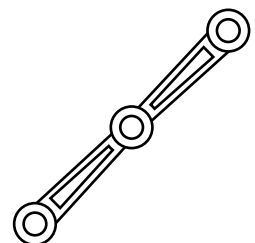
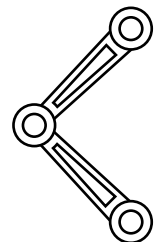
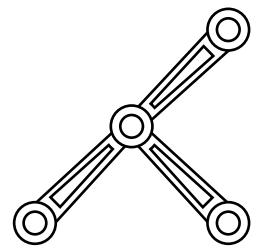
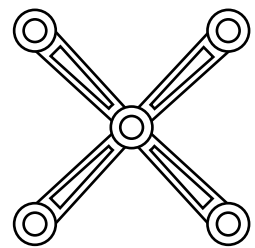
Rigid / Articulating bolts.

Articulated bolts for double glazing.

## Pricing

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[glass.za@dormakaba.com](mailto:glass.za@dormakaba.com)





# FIN SPIDER

The fin spider is a method of attachment where the supporting structure glass fins either full height or cantilever if sufficient support is available. The glass fins are generally 12 – 19mm in thickness toughened glass and well supported at the top. The assembly generally "hangs" from the concrete slab above.

## Features

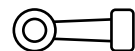
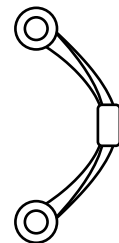
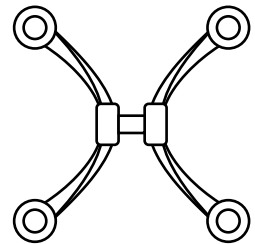
316 Stainless Steel  
To suite Glass thickness 10-21.52mm

## Optional

Polished / Satin Stainless Steel.  
Rigid / Articulating bolts.  
Articulated bolts for double glazing.


## Pricing

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[glass.za@dormakaba.com](mailto:glass.za@dormakaba.com)







### Arcos pull handles

	Article no.	Article name	Finish
	<b>8.26.500.114.99</b>	Arcos pull handle, 350 mm, 8–12mm glass	LM EV1 Deco
	<b>8.26.500.126.99</b>	Arcos pull handle, 350 mm, 8–12 mm glass	LM nickel-plated – Niro matt look (w/o. Fig.)
	<b>8.26.510.114.99</b>	Arcos pull handle, 750 mm, 8–12 mm glass	LM EV1-Deko (w/o. Fig.)
	<b>8.26.510.126.99</b>	Arcos pull handle, 750 mm, 8–12 mm glass	LM nickel-plated – Niro matt look (w/o. Fig.)


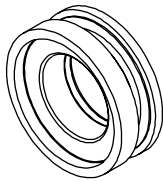
### MANET pull handle

	<b>8.21.267.700.99</b>	A2, pair of pull handles 350 mm	Niro matt
	<b>8.21.270.700.99</b>	A2, pair of pull handles 720 mm	Niro matt (w/o Fig.)
	<b>8.21.273.700.99</b>	A2, pair of pull handles 1240 mm	Niro matt (w/o Fig.)
	<b>8.21.276.700.99</b>	A2, pair of pull handles 1760 mm	Niro matt (w/o Fig.)

### Pull handle ALU

	<b>8.03.400.101.99</b>	Pull handle, 350 mm, double-sided	LM silver EV1
	<b>8.03.400.114.99</b>	Pull handle, 350 mm, double-sided	LM EV1-Deko (w/o. Fig.)
	<b>8.03.402.101.99</b>	Pull handle, 720 mm, double-sided	LM silver EV1 (w/o Fig.)
	<b>8.03.402.114.99</b>	Pull handle, 720 mm, double-sided	LM EV1-Deko (w/o. Fig.)

### Recessed pull grip

	<b>8.07.200.101.99</b>	Pair of LM pull grips	LM silver EV1
	<b>8.07.200.113.99</b>	Pair of LM pull grips	LM similar Niro matt C31 (w/o Fig.)
	<b>8.21.292.700.99</b>	A2, handle recess with hole, 8 mm	Niro matt (w/o Fig.)
	<b>8.21.293.700.99</b>	A2, handle recess with hole, 10 mm	Niro matt (w/o Fig.)
	<b>8.21.294.700.99</b>	A2, handle recess with hole, 12 mm	Niro matt (w/o Fig.)





## Mobile display unit for your sales floor

Price on request  
Dimensions: 1.95 x 2.0 x 0.6 m  
Article no. 8.90.003.000.99 (white)  
(incl. fittings and glass)

# The smart room system with lifestyle character UNIQUEIN

Available at the  
end of 2017 – more  
information on  
request

**UNIQUEIN is ideal for a modern and user-oriented interior design. The smart room system with lifestyle character combines design and functionality at a high standard: For new buildings or the redesign of offices and commercial spaces.**

With UNIQUEIN, we have further developed the benefits of the glass wall system. Form and function are combined – without any compromises. Discreet profiles, fittings and closing systems in a standard design blend seamlessly and flush together.

The improved sound protection, the pleasant room acoustics and the integrated option for an electrification results in a glass architecture with lifestyle character. Single-action doors or sliding doors for a standard height or room height can be fitted with different components depending on the individual usage and safety requirements.

Open-plan offices, mobile work, increased communication:  
Intelligently realized with UNIQUEIN.

#### **Your benefits:**

- Flexible electrification and access control for a user-friendly, individual interior design
- High sound insulation and pleasant room acoustics\* for a focused work
- Well thought out system: All components are harmonious in design and function
- Solid profile: durable, scratch-resistant and low-maintenance
- Flexible designs: The profile equally accepts glass and wooden elements allowing you to combine both materials
- All required components are easy to budget
- Easy and fast installation with standard tools

\*when acoustic elements are integrated



#### **Integrated electrification**

With the UNIQUIN system, the cable duct has been integrated into the profile. Switches and wall sockets can be placed flexibly and even electronic access components can be integrated easily.

#### **Flexible access control**

Using the compatible access control from dormakaba, security requirements from mechanical locking cylinders to electronic access control systems can be implemented specific to the room or as a complete solution.

#### **Ideal sound-proofing**

UNIQUIN reduces the transmission of the sound between adjacent rooms thanks to the decoupling of profile and partitioning elements – with the corresponding sound insulating glass of up to 40 dB. For focused work.

#### **Pleasant room acoustics**

The acoustic modules from UNIQUIN in individual dimensions enable ideal sound and additionally increase the visual value of the room. The rear of the frame can be designed as an illuminated wall with an individual motif.

# Separated – and yet connected.

## HSW FLEX Therm and HSW EASY Safe

Horizontal glass sliding walls combine generous transparency with additional comfort, safety and creative leeway. Special requirements such as position and desired indoor climate will determine the individual context for the individual project: for example the separation between the interior and the exterior for shop fronts in shopping malls.

Each glass sliding wall will be customized to meet your requirements. That allows for example the HSW EASY Safe with its extensive transparency to provide generous views while the HSW FLEX Therm makes provisions for energy loss thanks to an improved thermal separation.







### Wind and weather protection: HSW FLEX Therm

- Redesigned frame design – elegant and highly functional
- Very easy switch between sliding and door function
- Suitable for systems exposed to wind loads
- Protection against heat, cold and noise
- FLEXible and energy-saving

### Continuous transparency: HSW EASY Safe

- Continuously transparent areas as there are no lateral frames
- A secure hold even for laminated safety glass
- Easy installation and application
- Movable panel parts for an open interior design
- Double brush seals at the top and bottom minimize draft

