



MUNDUS
Premium – for
unique, customised
toughened glass
assemblies.

MUNDUS
Comfort – for
demanding
toughened glass
assemblies.

MUNDUS

The patch fitting with a
unique design for toughened
glass assemblies

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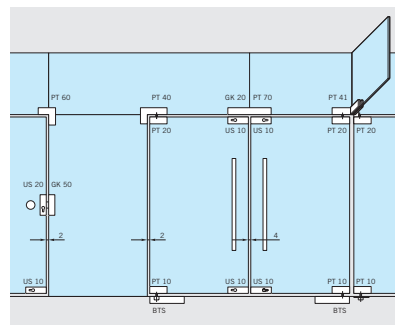
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MUNDUS

MUNDUS is the series of patch fittings that makes its mark through inspiring design combined with simple, fast installation.

The benefits are substantial:

- Clear design, no visible fixings
- Wide range of finishes, colors and materials
- Fast installation, adjustment even when mounted
- Equipped for the right glass thickness: adapts to different glass thicknesses without changing gaskets
- Suitable for laminated safety glass with tested Clamp&Glue technology for high demands on quality and safety
- Easy to retrofit and integrate into existing systems



Image video on request

The freedom of versatility

Create individual designs with colors and materials



Visual accent: the frame of the fitting cover is seen as a shadow.



Elegant look

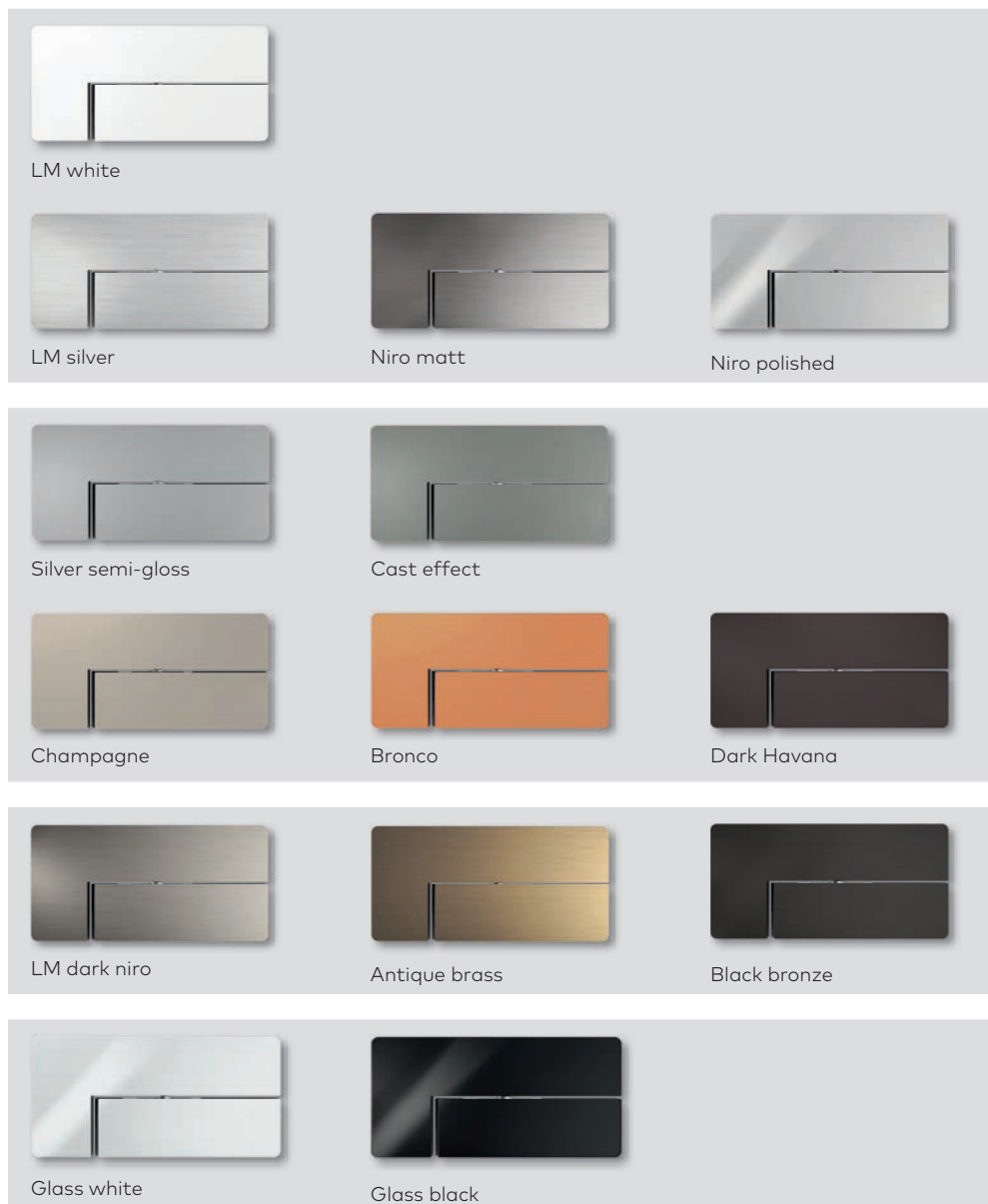
MUNDUS fittings stand out thanks to their elegant shape with straight edges and rounded corners, high-quality materials and maximum-precision finishing. The harmony of the surface is not disrupted by the sight of any screws. To ensure a permanently elegant look, the cap consists of 2 mm thick – and thus particularly robust – material in the form of either stainless steel or aluminium.

Wide choice of finishes

Various attractive collections are available to adapt the patch fittings to the architectural finishes and color scheme of the building.

The focus is on providing a wide choice of materials with a selected, graduated spectrum from light to dark, from matt to textured and highly polished, and from integrating to accentuating.

Wide choice of finishes



Standard collection

Standard finishes, anodised or coated.

Trend collection

Coated aluminium finishes based around the latest trends in interior design.

Exclusive collection

Refined metals such as anodised aluminium and polished stainless steel.

Glass collection

Glass finishes enable the fittings to visually merge with glass doors, creating a completely new effect.

Easy to install & to adjust

Multidimensional adjustability even when mounted

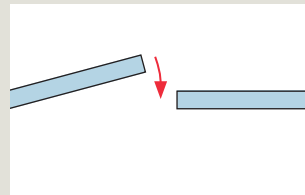
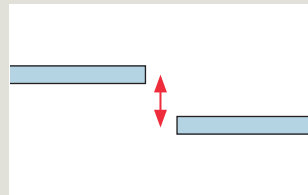
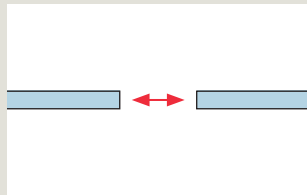


The basic body of the MUNDUS fitting can be attached directly to the glass and the individual cover is simply snapped onto the already installed fitting.



Fast and uncomplicated fixing

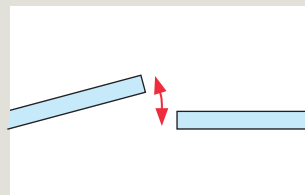
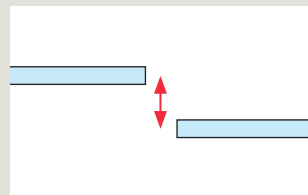
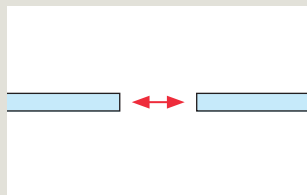
MUNDUS fittings are a truly perfect fit – thanks to multidimensional adjustability. It enables continuous adjustment of the vertical gap dimensions and perfect positioning alignment in terms of the rotary axis of the pivot point and the zero position.



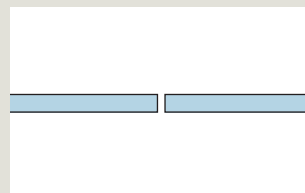
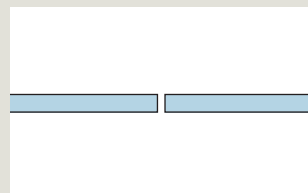
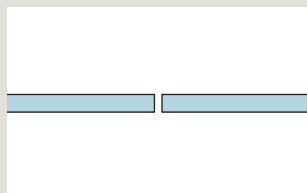
Multidimensional adjustability of the installed door



Alignment options



Door before alignment



Door after alignment

X-axis alignment

Individual adjustment of the pivot point, continuously selectable between 52 and 73 mm.

Z-axis alignment

Infinite variability of the door position to achieve flush alignment thanks to adjustment of up to 1 mm for a glass thickness of 8 mm, or 3 mm for a glass thickness of 12 mm.

Zero position adjustment

Optional: continuous alignment of the door in the correct zero position via adjustment around the rotary axis by +/- 1.5°.



Optimum gap dimension

Thanks to the continuous, multi-dimensional adjustability of the patch fittings, the door can be optimally aligned following installation.

Wide-ranging suitability and effortless installation

MUNDUS Premium – Secure hold
for laminated safety glass



For worry-free hold – Clamp & Glue technology

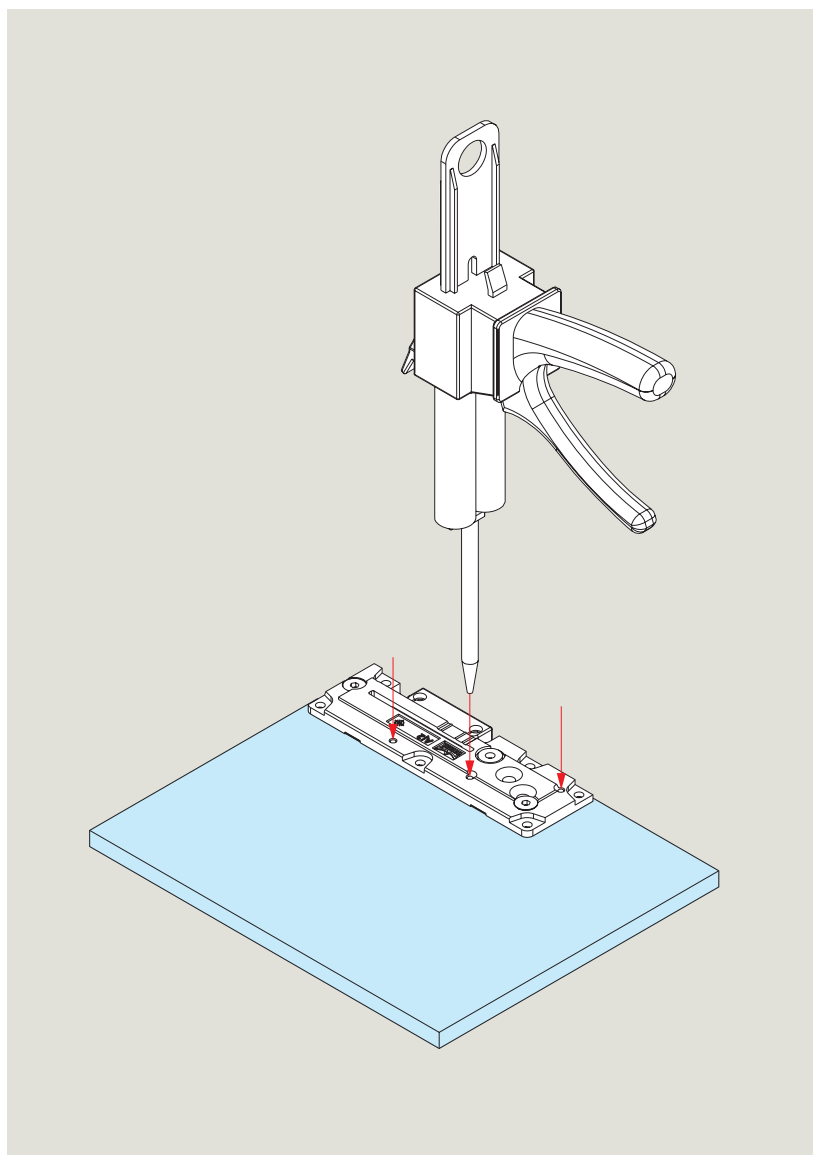
Proven dormakaba technology for the installation of laminated safety glass. Additional adhesive bonding ensures secure hold and permanent cohesion of the fitting and the glass.

The bonding procedure after affixing the fitting is very simple:

- The adhesive is fed through the corresponding drill holes until it escapes at the overflow openings of the clamp plates
- This procedure is repeated on the rear face
- Leave the adhesive to harden

MUNDUS and laminated safety glass – a combination that provides impressive benefits:

- High level of user safety, even in the case of large glass systems
- Noise level can be reduced through the integration of a noise protection film
- Realise the glass door as a design element – design films can bring individual design options to life
- Maximum residual carrying capacity through the use of laminated safety glass consisting of 2x toughened safety glass



Easy retrofitting

MUNDUS can be deployed
in existing systems



No special gaskets required

With MUNDUS, customers no longer require gaskets for the purpose of configuring the correct glass thickness.

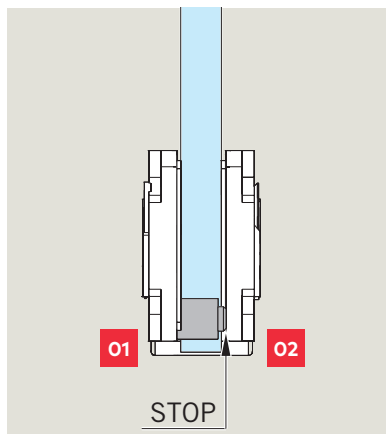
In MUNDUS, the glass thickness is defined using two screws on the base body of the patch fitting. This new technology therefore makes it possible to use 8 mm to 22 mm glass (MUNDUS Premium 8–22 mm, four different glass thickness ranges/MUNDUS Comfort 8–12 mm, see page 11). Extra protection against unauthorised entry to the premises is provided by the positioning of the clamp screws. These are distributed across both sides of the base body, meaning that disassembly from one side is not possible.

MUNDUS can also be retrofitted to existing installations by simply replacing the patch fittings.

Replacement is quick and effortless: remove the door, disassemble the previous patch fittings, clean the glass, mount the new patch fittings and re-attach the door.

Can be used for various glass thicknesses

This makes it possible to perform continuous processing of glass thicknesses of 8–12 mm, 12–15 mm, 15–19 mm and 19–22 mm with a single fitting. The extra gaskets, which would otherwise have to be ordered separately, are no longer required. You always have the correct fitting to hand. This means: **quicker mounting, more time, more design.**



Glass
thickness:
8–22 mm.
Door weight
up to 200 kg.

01 + 02

Simple adjustment of the suitable glass thickness using two screws, meaning that it is no longer necessary to replace the gaskets.

Universal suitability

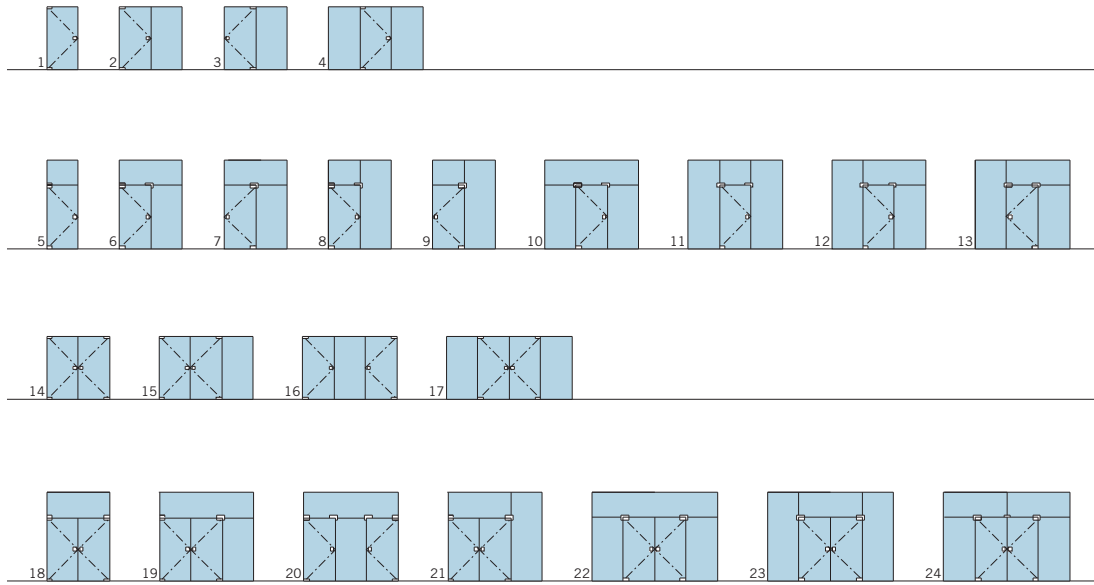
MUNDUS provides patch fittings for 24 standard systems and a number of special solutions.

- 01**
MUNDUS PT 10 and floor pivot or BTS floor spring
- 02**
MUNDUS PT 20 and PT 40
- 03**
MUNDUS US 10
- 04**
MUNDUS GK 20
- 05**
Pull handles
- 06**
MUNDUS PT 10 and floor pivot or BTS floor spring
- 07**
MUNDUS PT 20 and PT 40
- 08**
MUNDUS PT 60



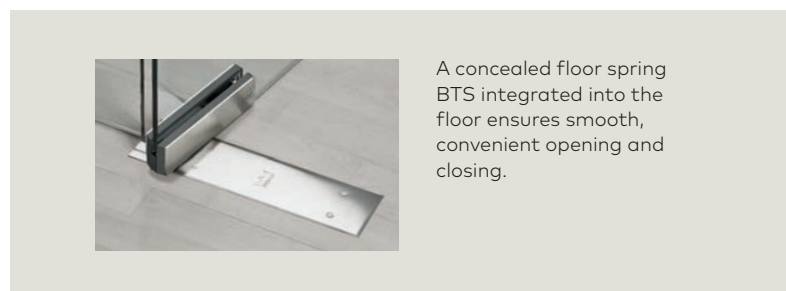
The visually and technically advanced MUNDUS fittings for glass assemblies are suitable for a whole host of requirements, such as an open living space, an attractive office or a representative shop entrance. The wide range comprises connecting fittings and patch fittings for the conventional 24 standard

systems such as PT 10, PT 40 and PT 70. The range also features further special solutions tailored to the room, including angled variants for spatial systems that can be installed on both sides (left and right) and over corners, such as PT 41 and PT 61.



MUNDUS fittings for 24 standard systems

In addition to these standard systems, dormakaba also provides special solutions for individual requirements.



A concealed floor spring BTS integrated into the floor ensures smooth, convenient opening and closing.

MUNDUS – an overview of the technical data

MUNDUS	MUNDUS Premium	MUNDUS Comfort
Max. load-bearing capacity	200 kg	150 kg
Possible glass thicknesses	8–12 mm 12–15 mm 15–19 mm 19–22 mm	8–12 mm
Use of laminated safety glass	●	–
Supported pivot points	55, 65, 70 mm	55, 65, 70 mm
Adjustability of pivot points	Continuous (+/-3 mm); 52–73 mm	Continuous (+/-3 mm); 52–73 mm
Adjustability of door/insert	Multidimensional	Multidimensional
Cover materials	Stainless steel, aluminium, glass, etc.	Stainless steel, aluminium

Test cycles: Inhouse-Test according to EN 12400 Inhouse-Test according to EN 1670	1,000,000 Test certificates from an external accredited authority can be provided on request.	500,000
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Materials and finishes	Availability	Corrosion class	Availability	Corrosion class
Standard collection				
LM white (350, RAL 9016)	●	4	●	4
LM silver (150)	●	4	●	4
Niro matt (750)	●	4	●	4
Niro polished (751)	●	4	●	4
Trend collection (special color)				
Silver semi-gloss	●	2	–	
Cast effect	●	2	–	
Champagne	●	2	–	
Bronco	●	2	–	
Dark Havana	●	2	–	
Exclusive collection				
LM dark niro (157)	●	4	–	
Antique brass	●	4	–	
Black bronze	●	4	–	
Glass collection				
Glass white	●	4	–	
Glass black	●	4	–	

1 – 4 Corrosion class according to EN 1670 (independent test confirmation on request)

● Standard – not available

* LSG with 2 x TSG (= 2 panes each with a minimum glass thickness of 5 mm). Can be implemented with separately ordered gaskets and deploying proven Clamp&Glue technology.

