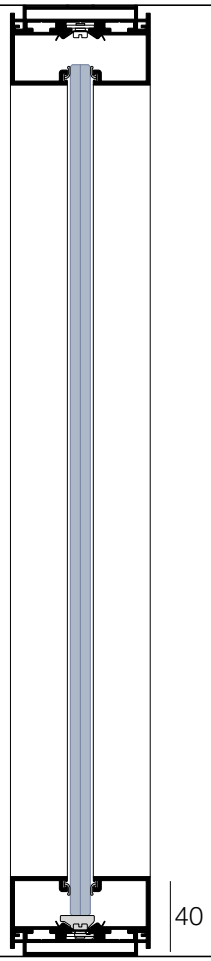
ETOILE

RITMICA®

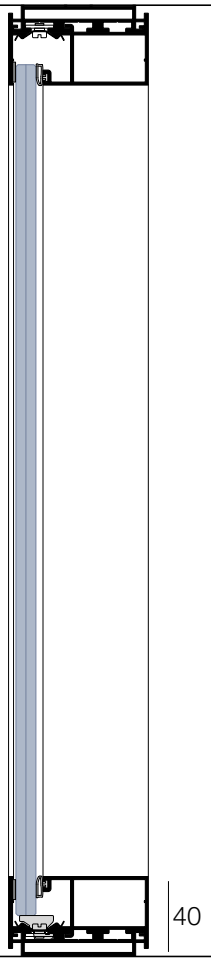
ALUMINIUM

Ritmica is a family of partition walls that has a separating function, supplied in **four versions** that vary in the number or type of glass and solid panels.

RITMICA® D1
central glass

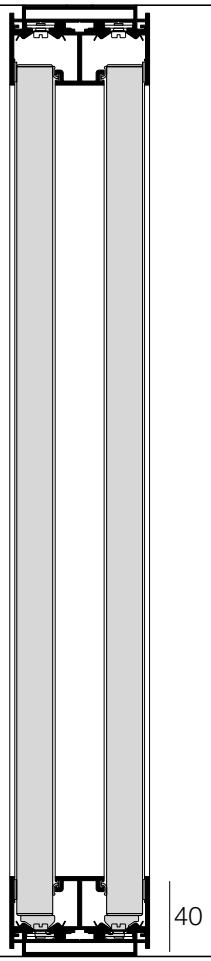


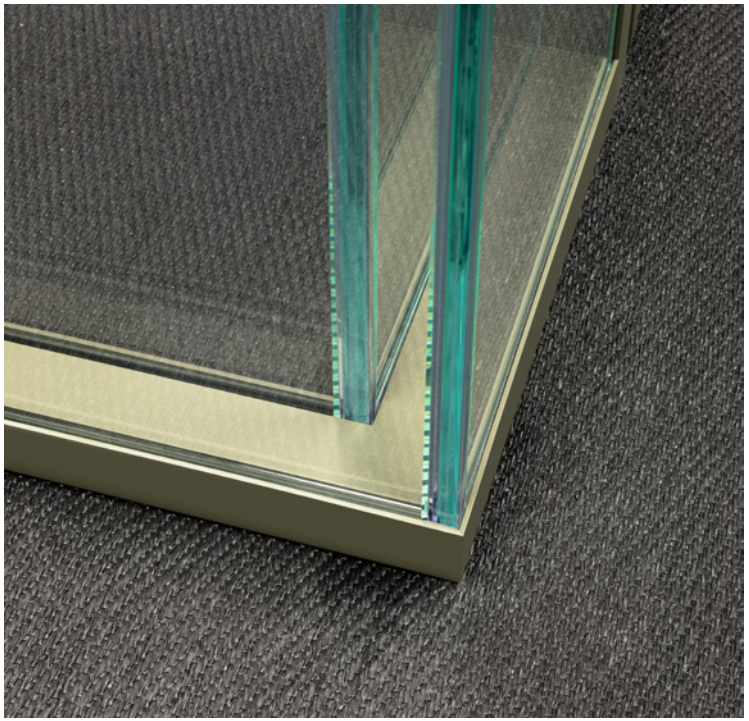
RITMICA® DA
asymmetrical glass



RITMICA® D2
double glass

RITMICA® SOLID
double solid partition





CHARACTERISTICS

01. Thickness: 70 mm

02. Floor and ceiling rails, corner profiles and wall-end uprights are in 6060 UNI 9006/1 extruded aluminium

03. 3 versions of glazed partitions - single central glass, asymmetric glass and double glass

04. 1 solid version with double melamine-finished panels, 18 mm thick

05. 2 thicknesses can be used for safety-glass or acoustic modules

06. Fixed corner profiles

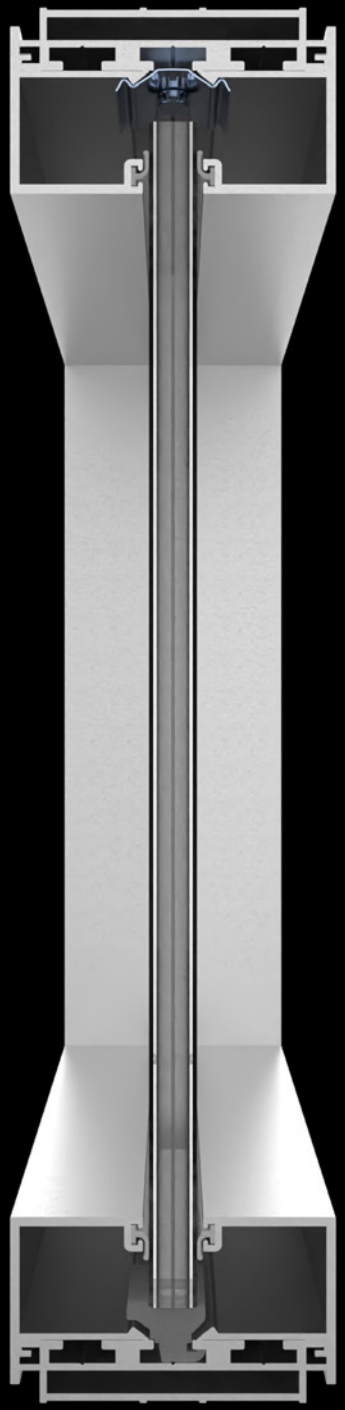
07. Vertical junctions between glazed elements, made of aluminium, polycarbonate or transparent two-sided tape

08. Utility module

09. 9 versions of hinged doors - solid, tempered glass and framed

10. 5 versions of external sliding doors - solid, tempered glass and framed

RITMICA® D1



Plus and Acoustic performance

01. Thickness: 70 mm

02. Floor and ceiling rails, corner profiles and wall-end uprights are in 6060 UNI 9006/1 extruded aluminium

03. Single central glass - 55.1/55.2a/66.1/66.2a laminated glass or 10-12-mm-thick tempered glass

04. Fixed corner profiles

05. Vertical junctions between glazed elements, made of aluminium, polycarbonate or transparent two-sided tape

06. Utility module

07. 9 versions of hinged doors - solid, tempered glass and framed

08. 5 versions of external sliding doors - solid, tempered glass and framed

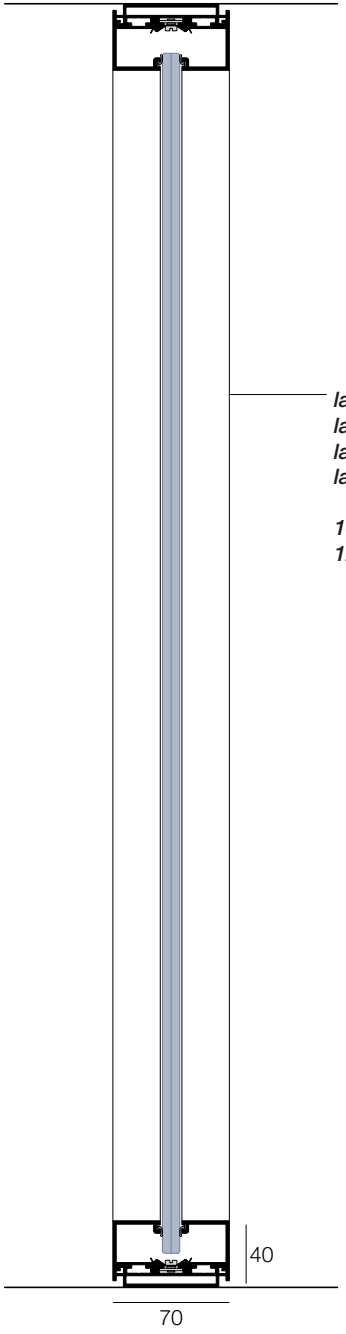
01. Laminated glass 55.1 - **34 dB**

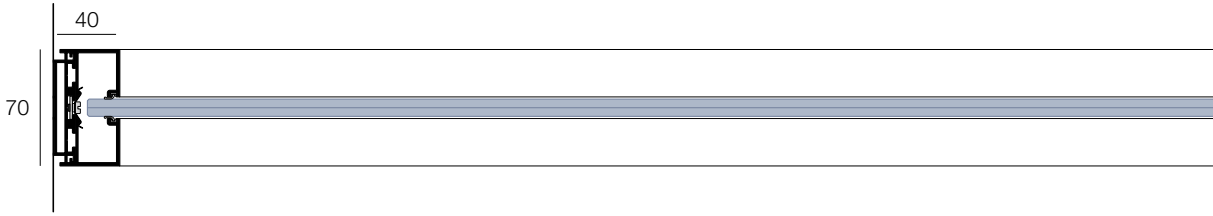
02. Laminated glass 55.2 + acoustic film - **36 dB**

03. Laminated glass 66.1 - **36 dB**

04. Laminated glass 66.2 + acoustic film- **38 dB**

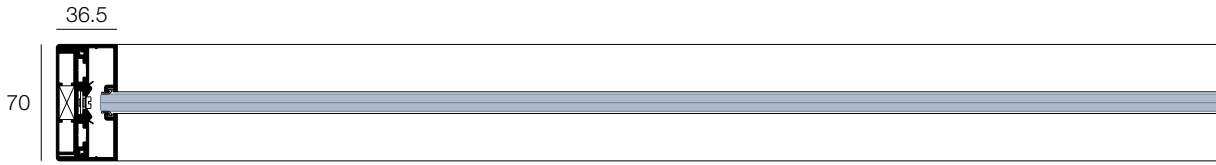
Wall-end uprights



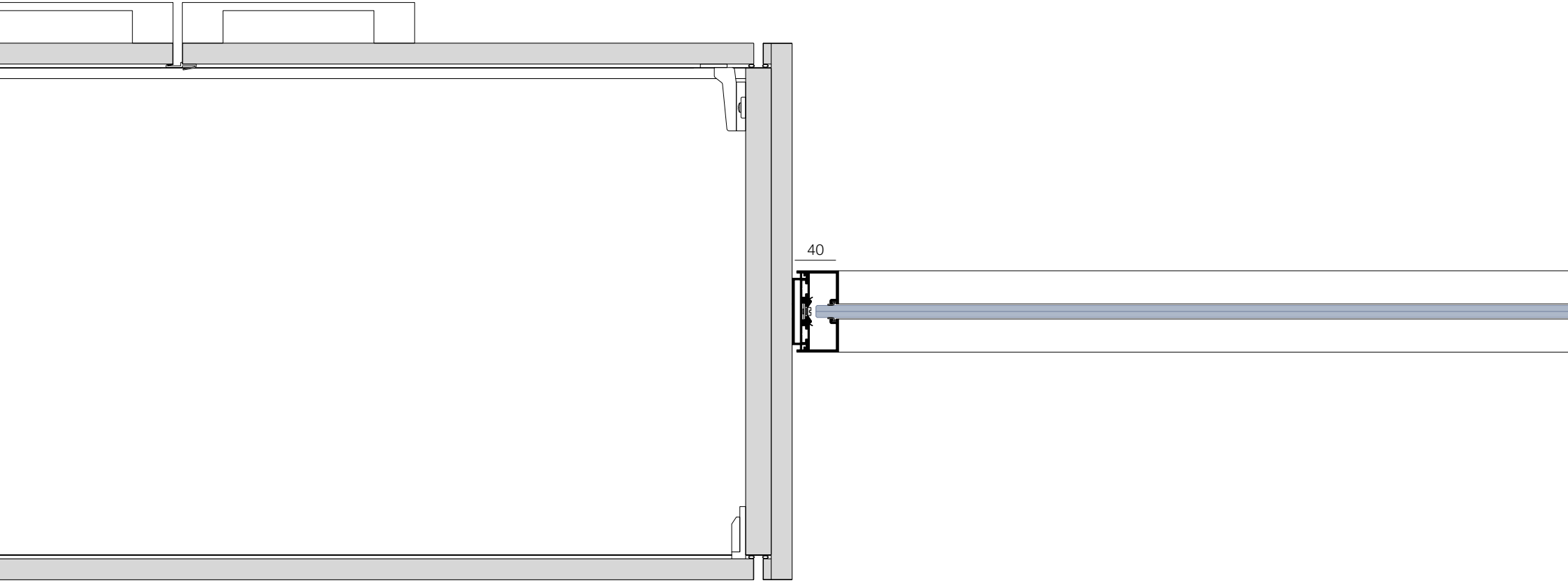


Fixed wall-end upright

Wall-end uprights

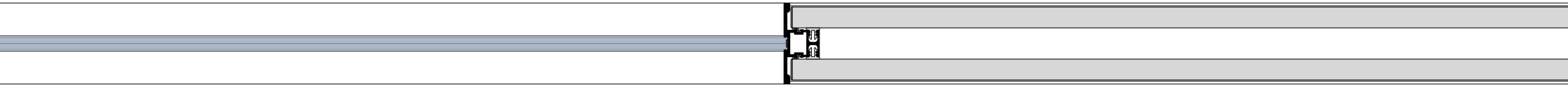


End profile

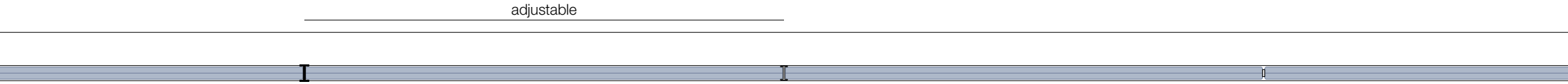


Storage-end upright

Junction profiles



Aluminium junction profile
ritmica d1 - ritmica solid



Aluminium junction profile

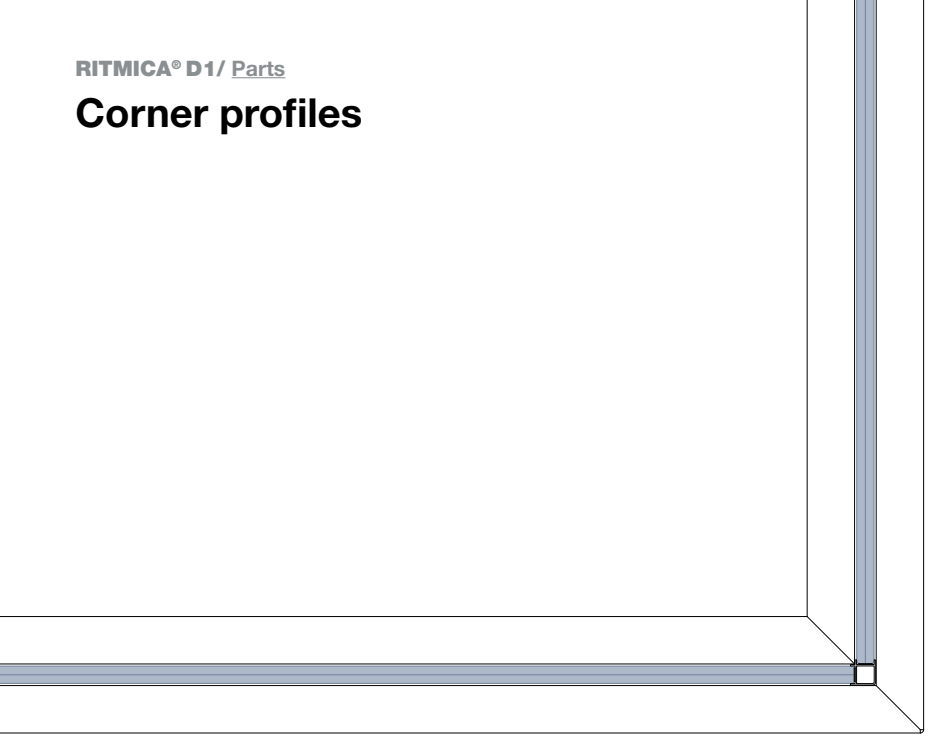
Polycarbonate junction profile

Two-sided technical tape junction

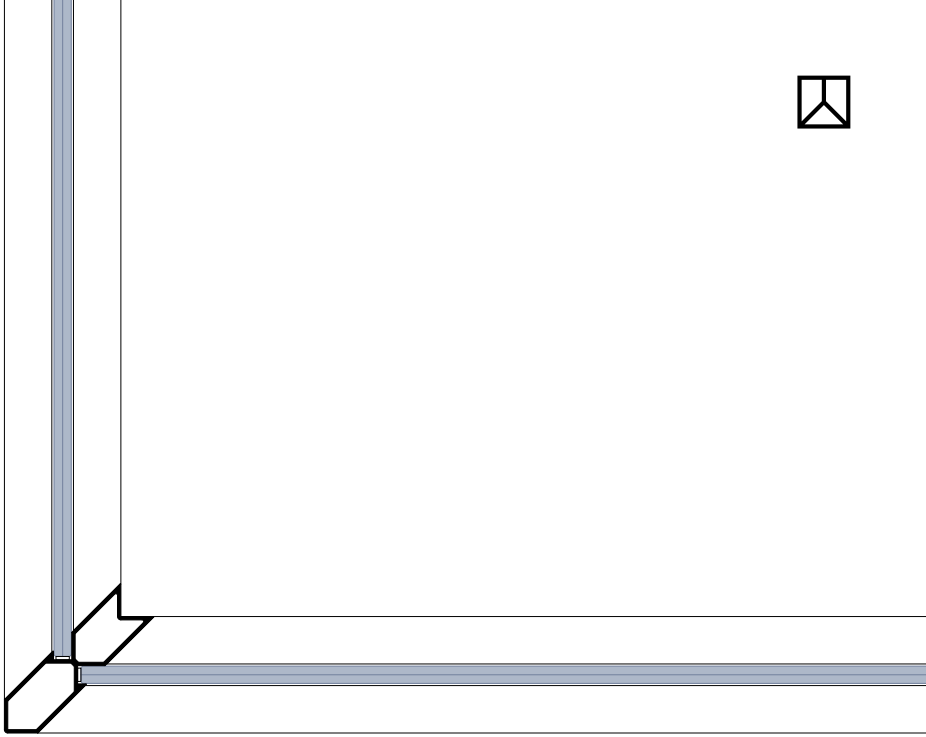
Polycarbonate three-way junction

Two-sided technical tape three-way junction

Corner profiles



Polycarbonate
90° corner profile

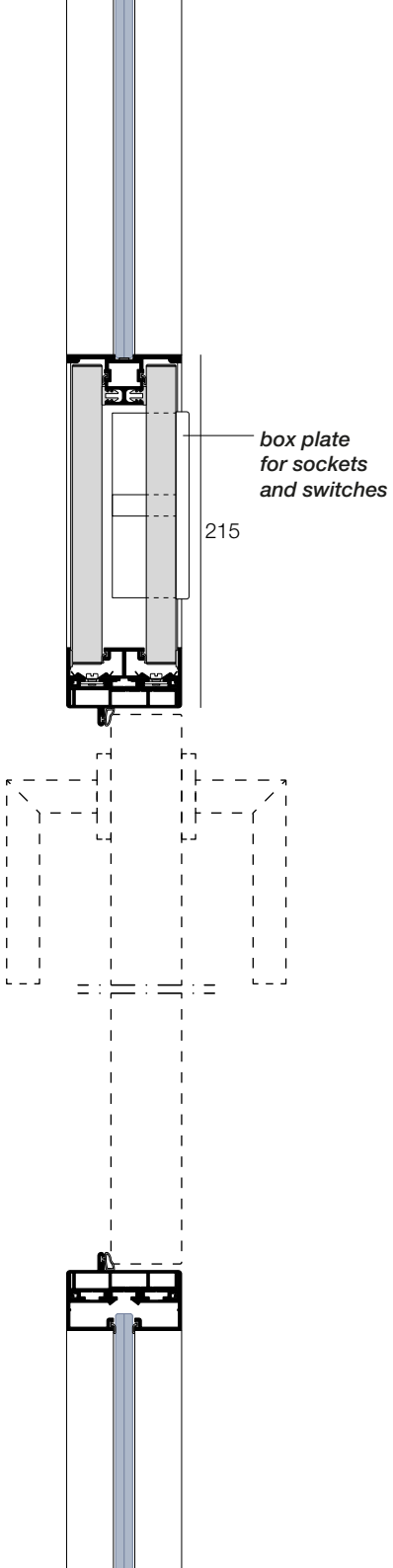


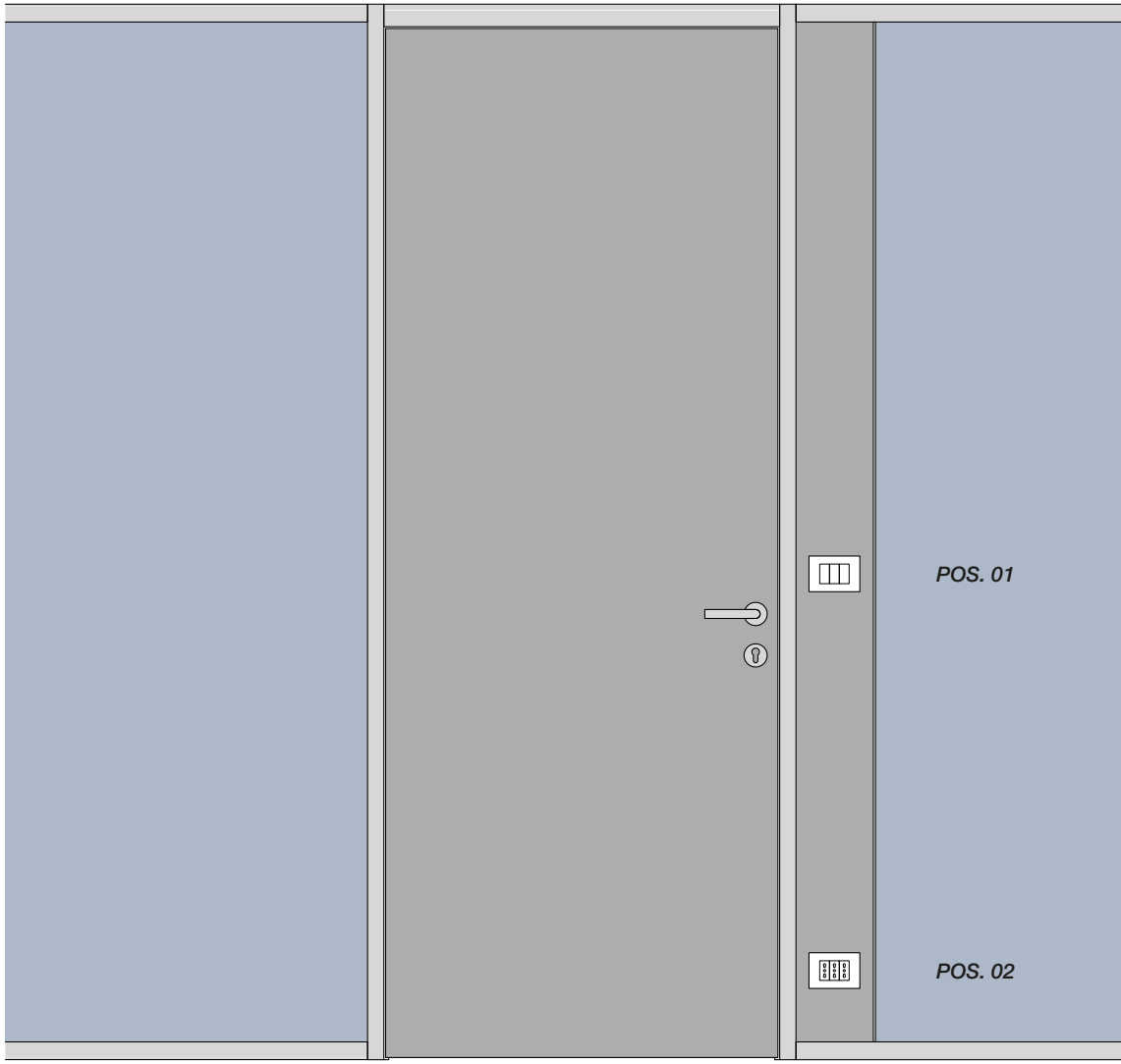
Aluminium
90° corner profile

Two-sided technical tape
90° corner junction

Utility module for hinged doors

Utility module

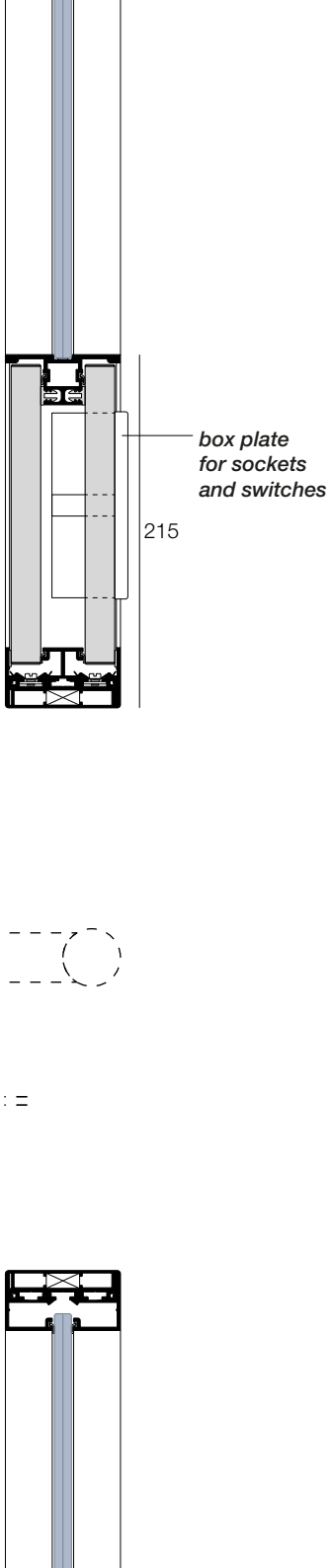


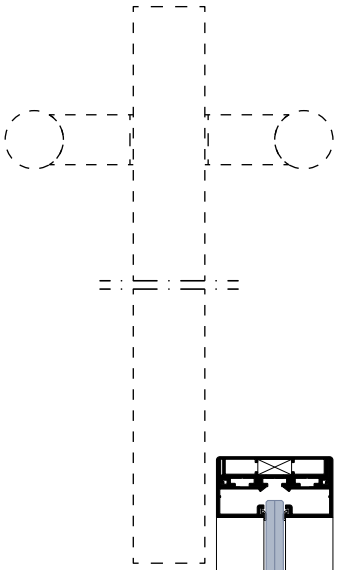


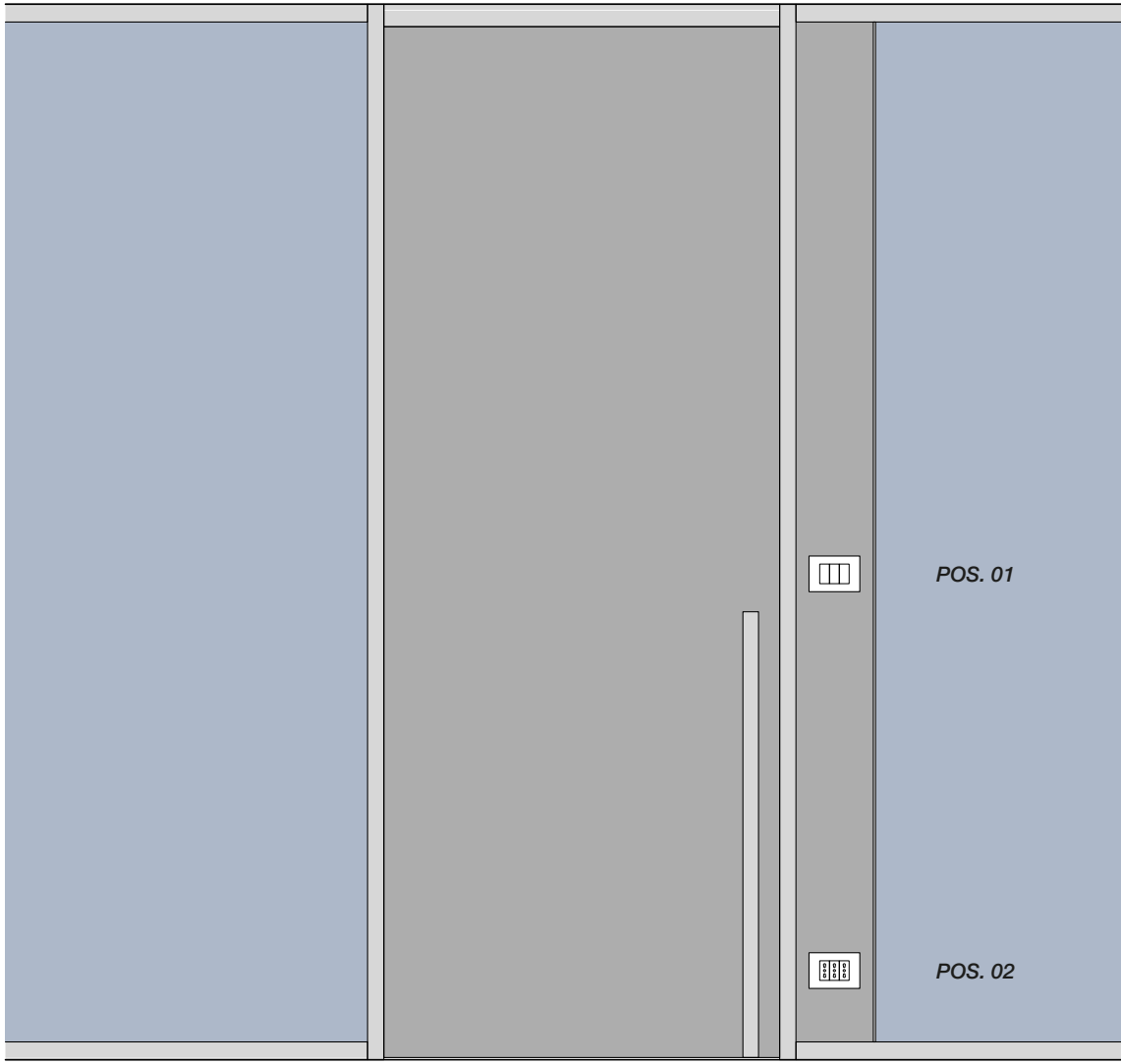
*possible positions for switches and sockets on the utility module

Utility module for sliding doors

Utility module

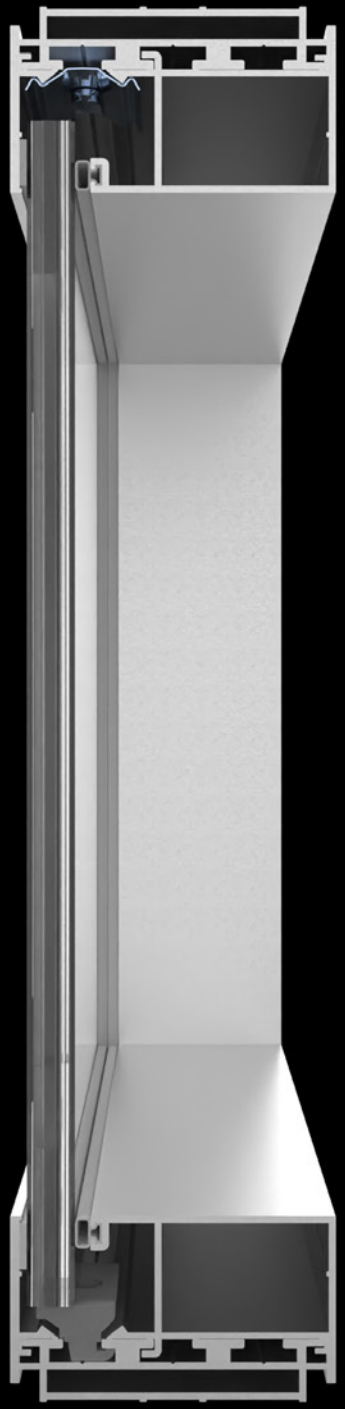






*possible positions for switches and sockets on the utility module

RITMICA® DA



Plus and Acoustic performance

01. Thickness: 70 mm

02. Floor and ceiling rails, corner profiles and wall-end uprights are in 6060 UNI 9006/1 extruded aluminium

03. Single asymmetric glass - 55.1/55.2a/66.1/66.2a laminated glass or 10-12-mm-thick tempered glass

04. Fixed corner profiles

05. Vertical junctions between glazed elements, made of aluminium, polycarbonate or transparent two-sided tape

06. Utility module

07. 9 versions of hinged doors - solid, tempered glass and framed

08. 5 versions of external sliding doors - solid, tempered glass and framed

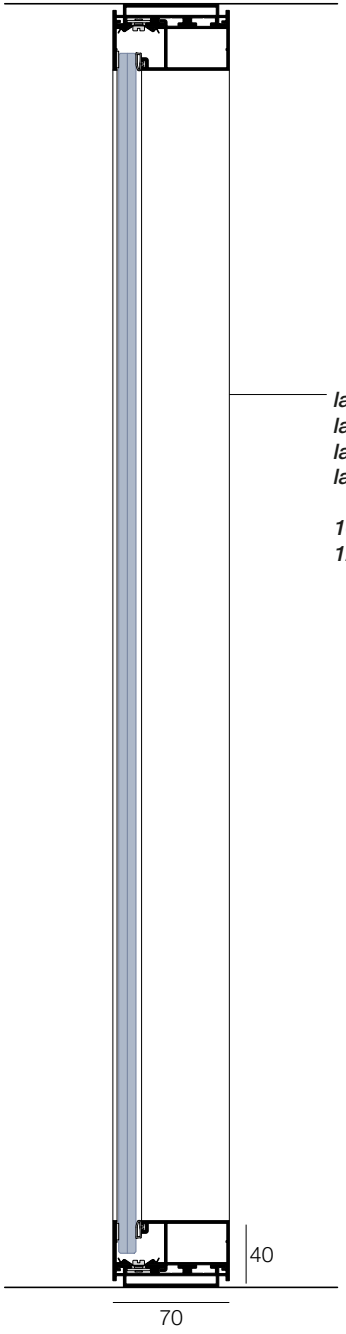
01. Laminated glass 55.1 - **34 dB**

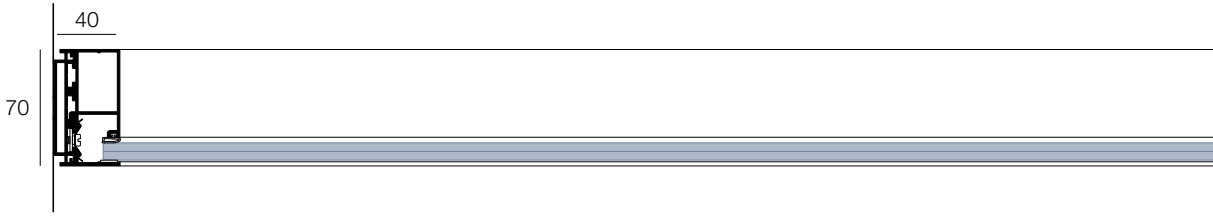
02. Laminated glass 55.2 + acoustic film - **36 dB**

03. Laminated glass 66.1 - **36 dB**

04. Laminated glass 66.2 + acoustic film- **38 dB**

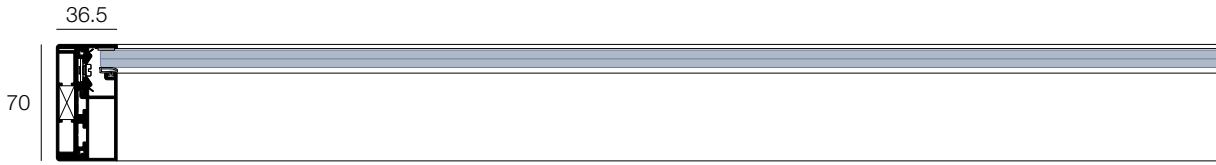
Wall-end uprights



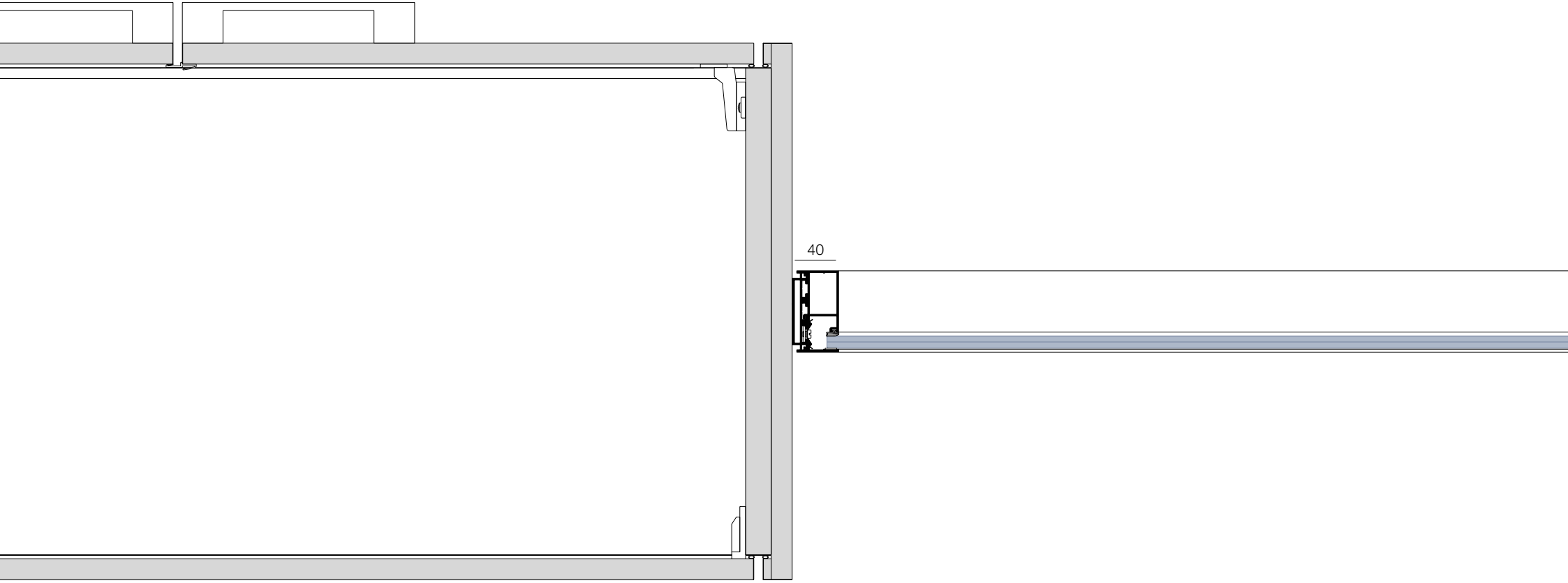


Fixed wall-end upright

Wall-end uprights

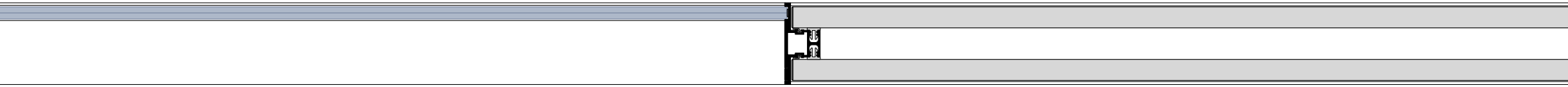


End profile

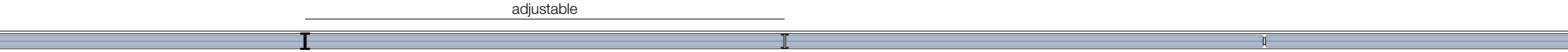


Storage-end upright

Junction profiles



Aluminium junction profile
ritmica da - ritmica solid

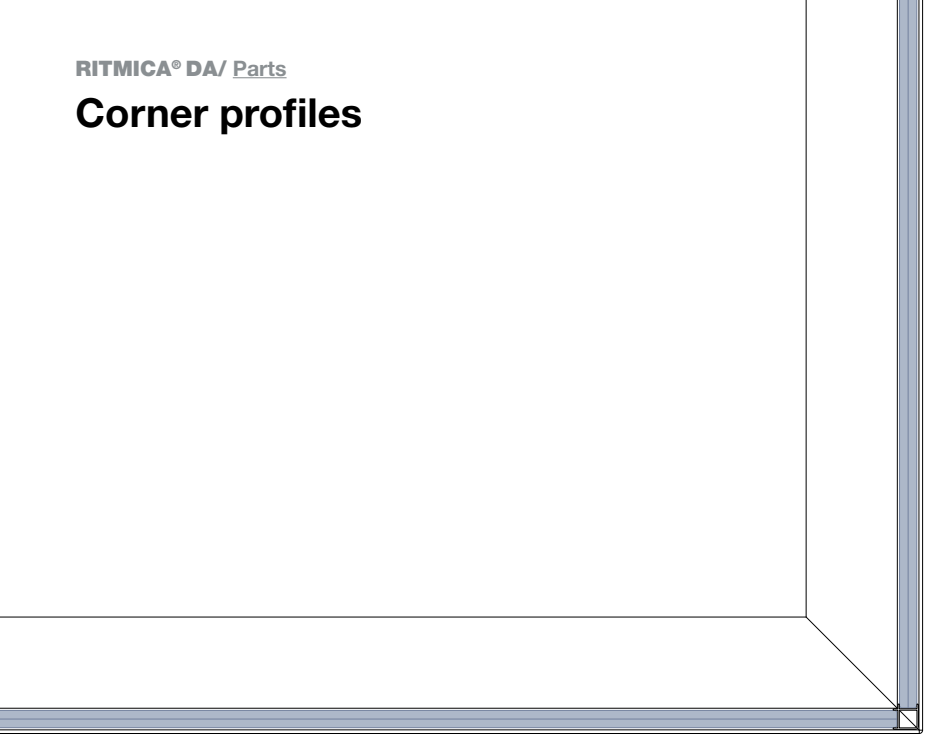


Aluminium junction profile

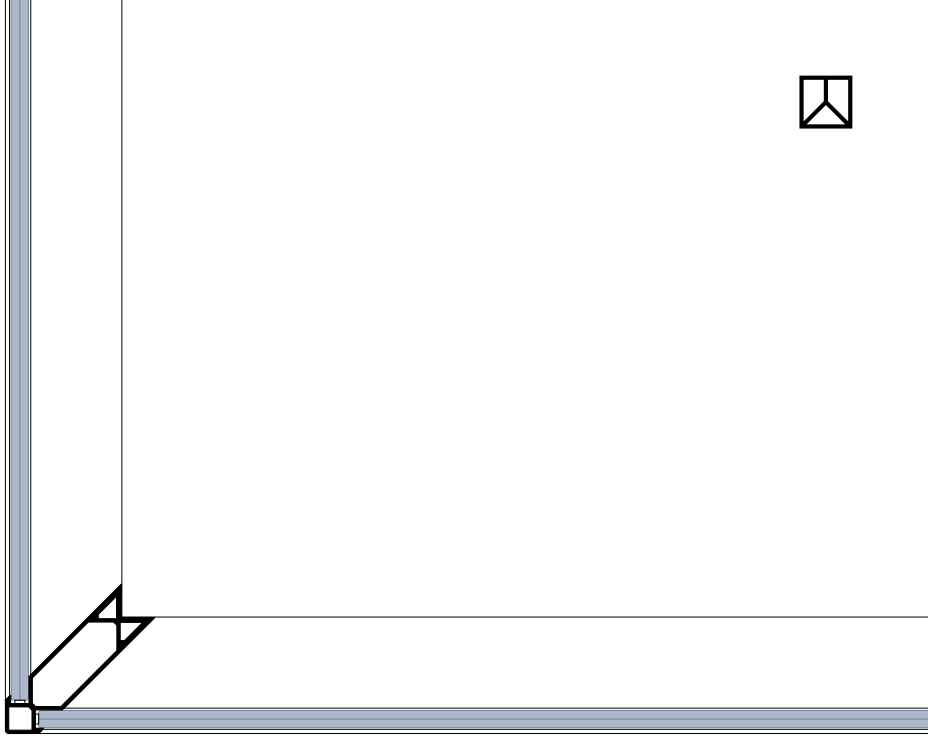
Polycarbonate junction profile

Two-sided technical tape junction

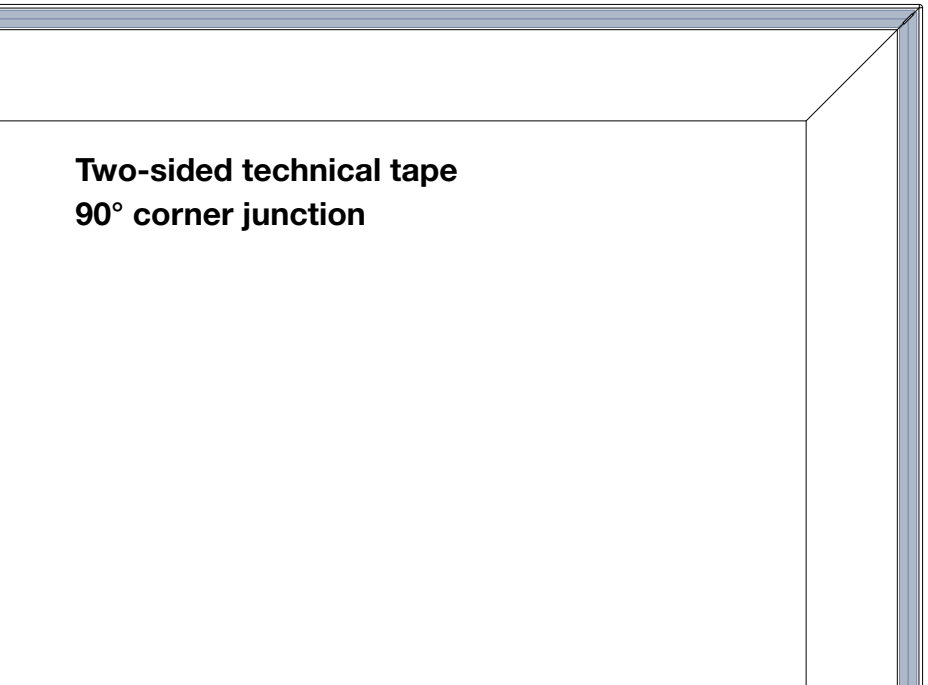
Corner profiles



Polycarbonate
90° corner profile



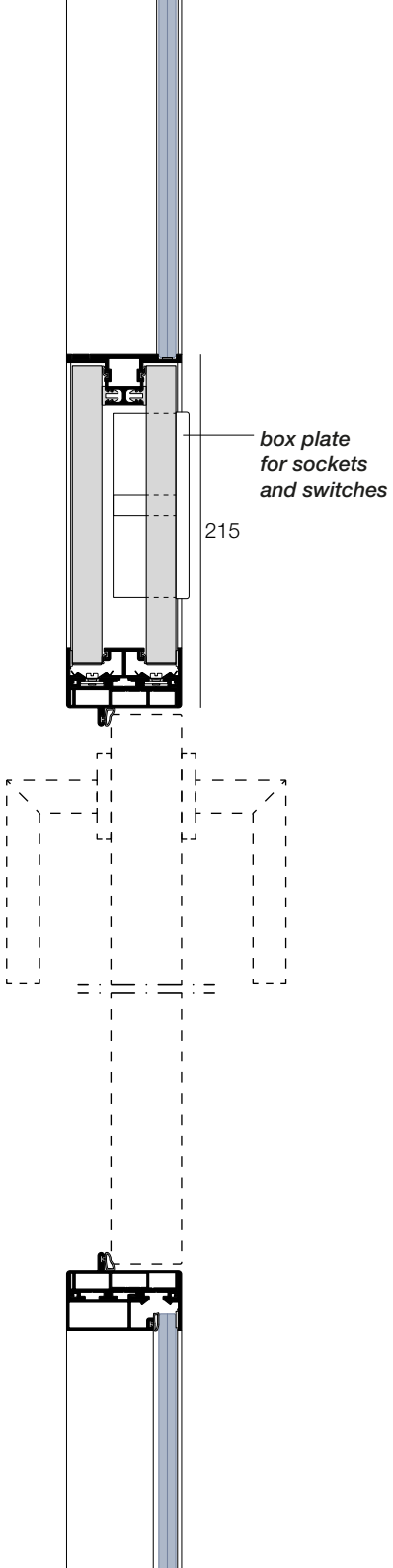
Aluminium
90° corner profile

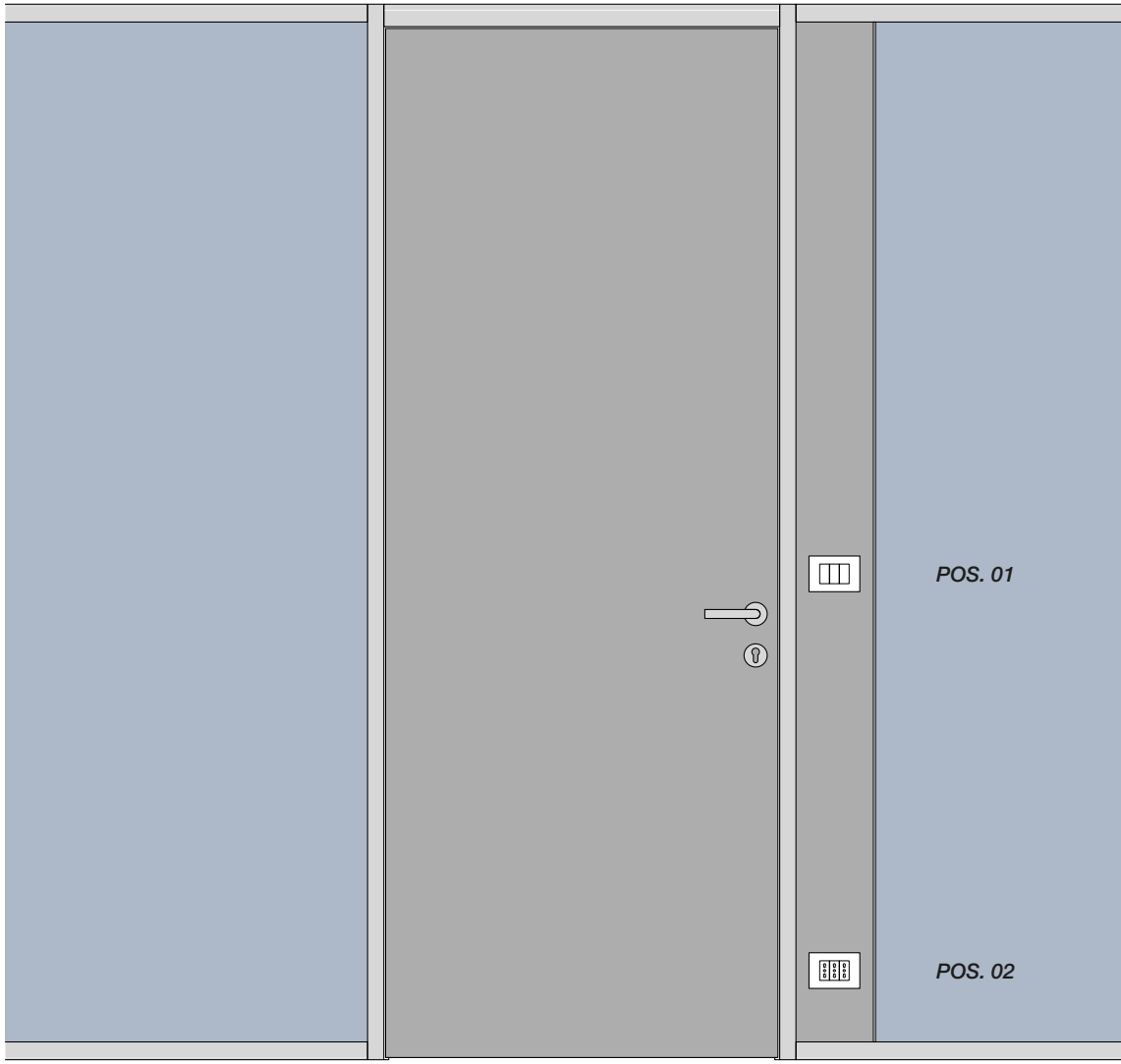


Two-sided technical tape
90° corner junction

Utility module for hinged doors

Utility module

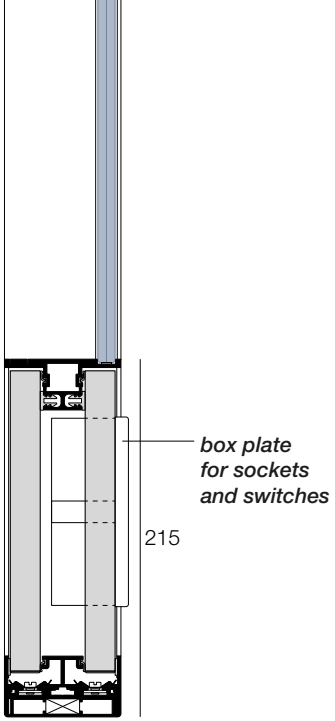


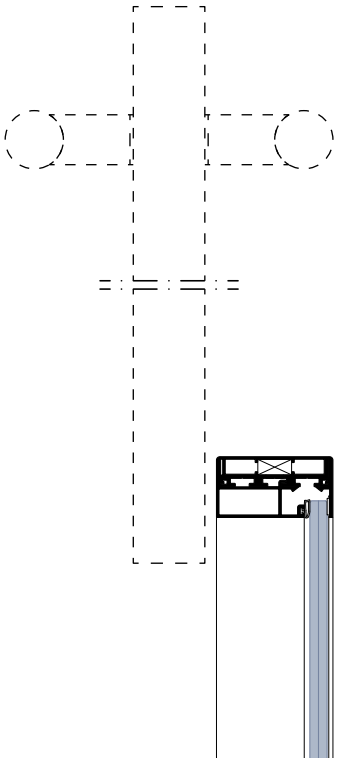


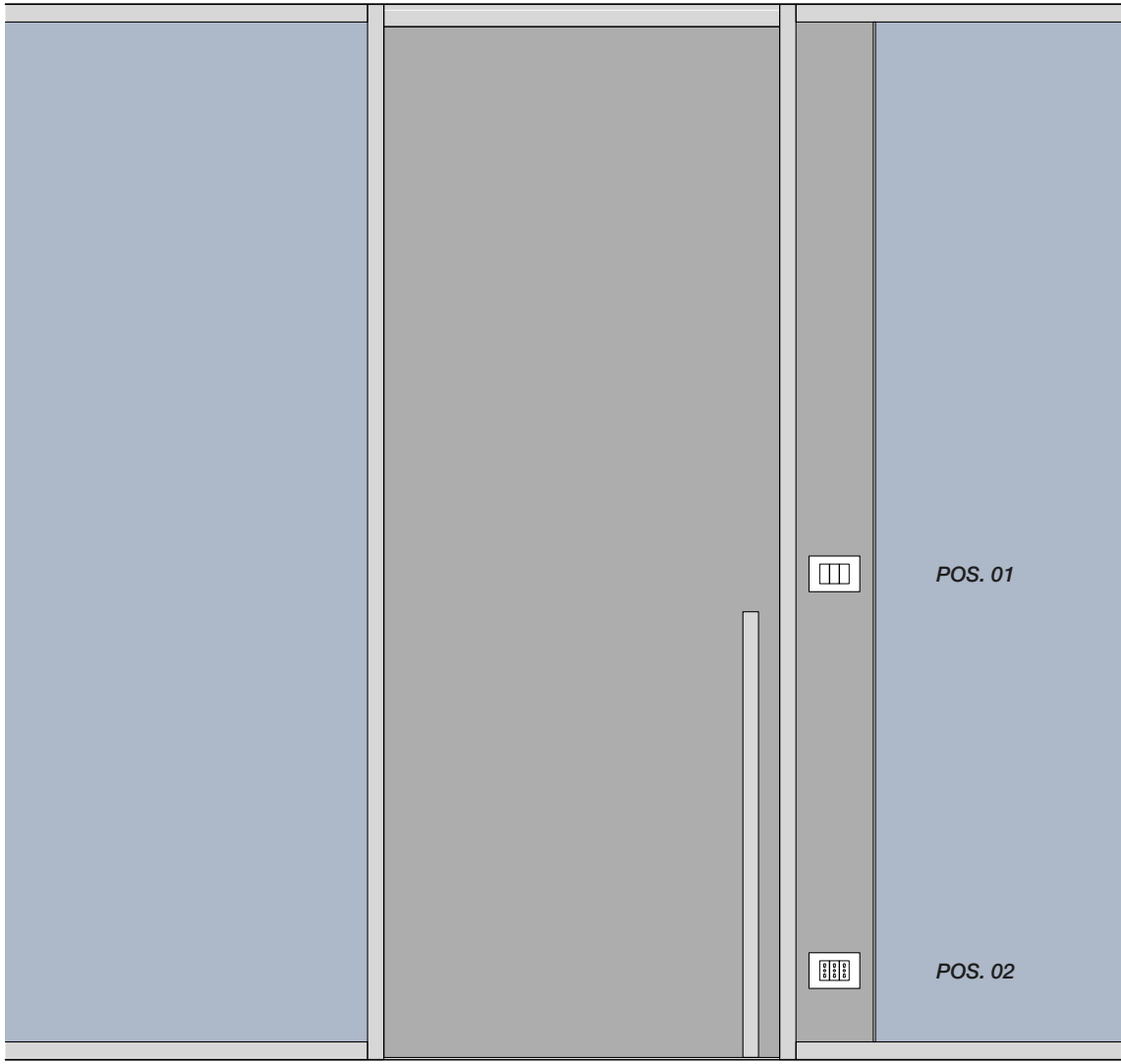
*possible positions for switches and sockets on the utility module

Utility module for sliding doors

Utility module







*possible positions for switches and sockets on the utility module

RITMICA® D2

Plus and Acoustic performance

01. Thickness: 70 mm

02. Floor and ceiling rails, corner profiles and wall-end uprights are in 6060 UNI 9006/1 extruded aluminium

03. Double glass - 55.1/55.2a/66.1/66.2a laminated glass or 10-12-mm-thick tempered glass

04. Fixed corner profiles

05. Vertical junctions between glazed elements, made of aluminium, polycarbonate or transparent two-sided tape

06. Utility module

07. 9 versions of hinged doors - solid, tempered glass and framed

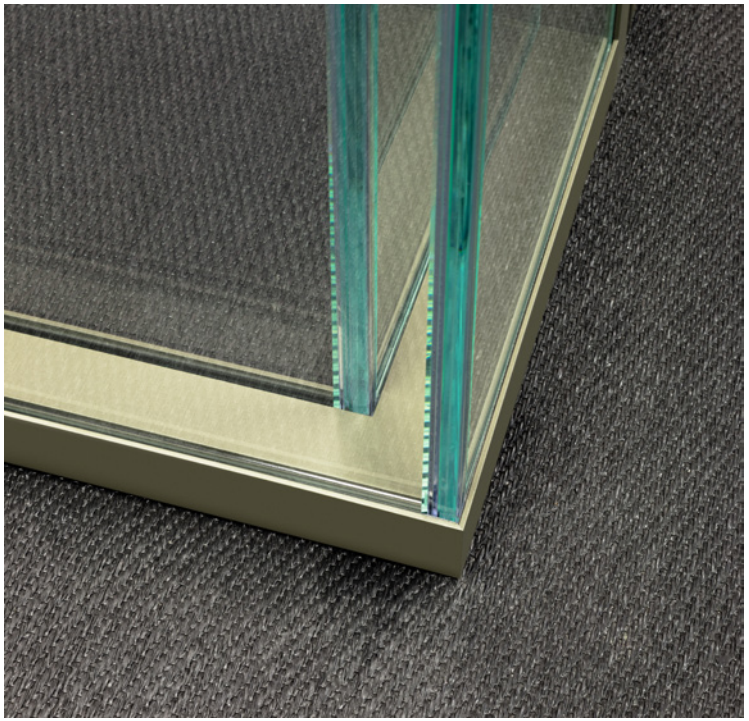
08. 5 versions of external sliding doors - solid, tempered glass and framed

01. Laminated double glass 55.1 - **38 dB**

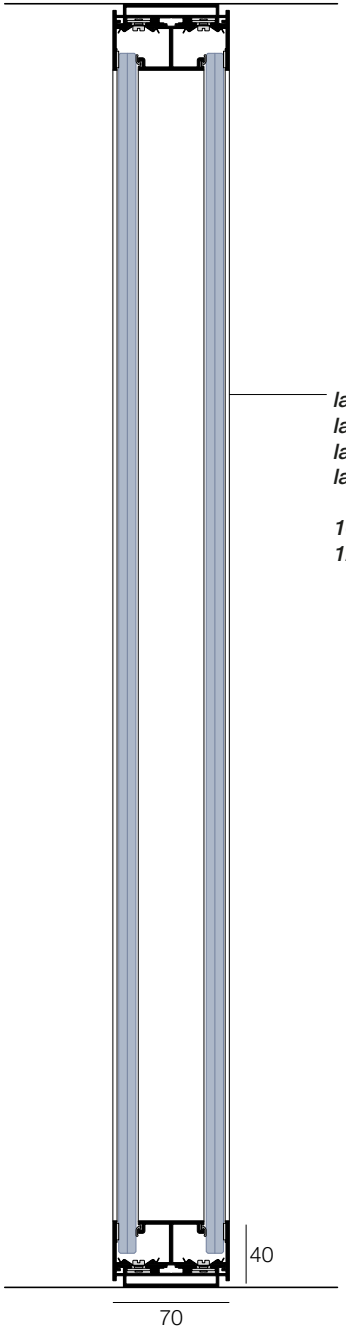
02. Laminated double glass 55.2 + acoustic film- **43 dB**

03. Laminated double glass 66.1 - **40 dB**

04. Laminated double glass 66.2 + acoustic film- **43 dB**

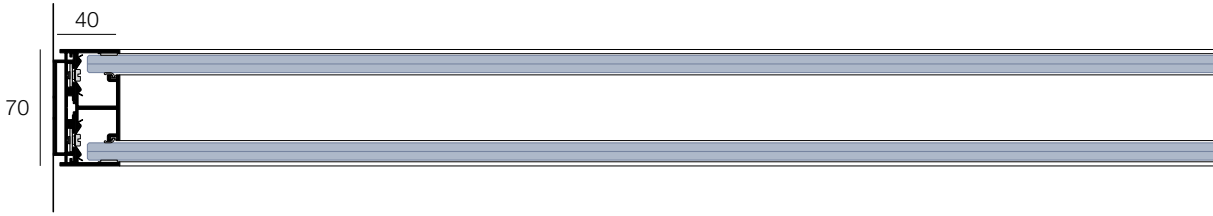


Wall-end uprights



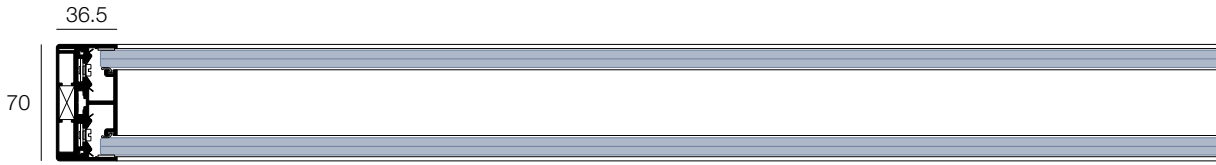
laminated double glass 55.1
laminated double glass 55.2a
laminated double glass 66.1
laminated double glass 66.2a

10-mm-thick tempered double glass
12-mm-thick tempered double glass

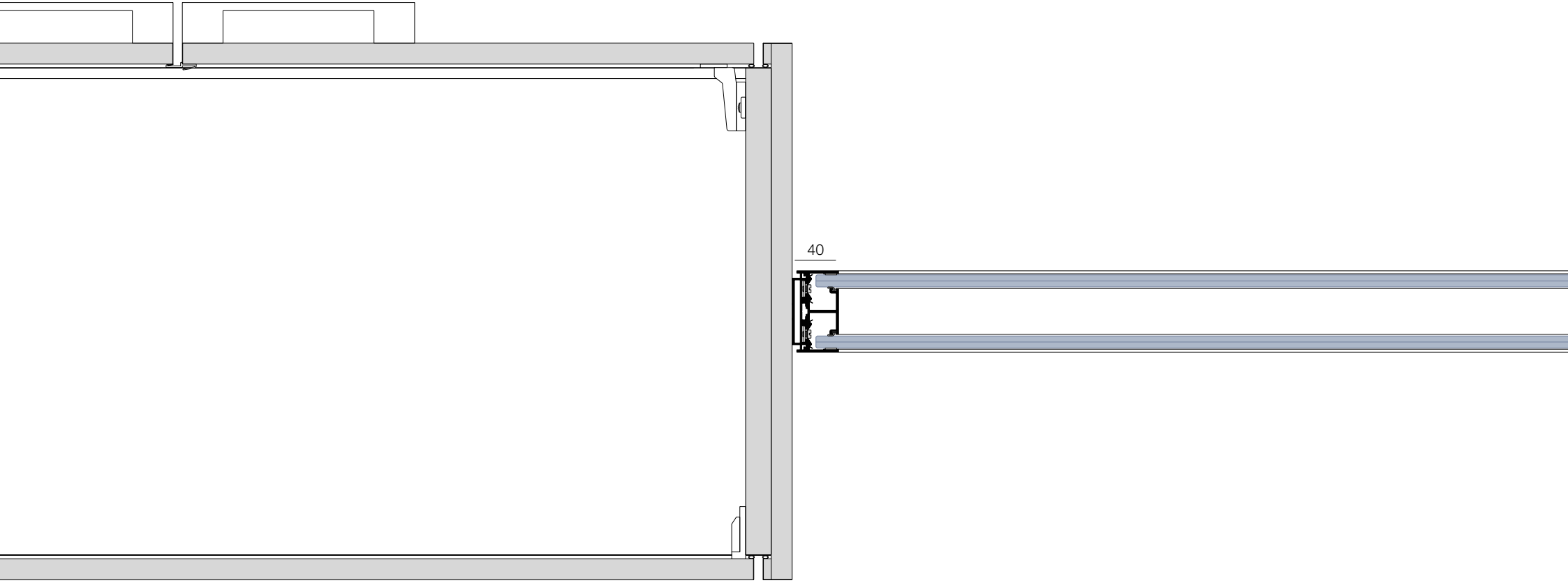


Fixed wall-end upright

Wall-end uprights

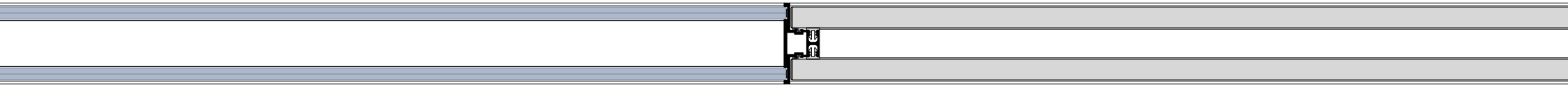


End profile

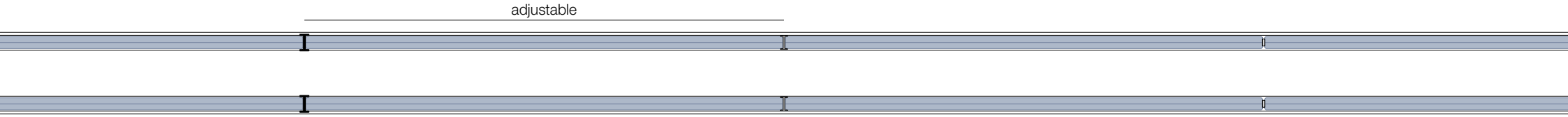


Storage-end upright

Junction profiles



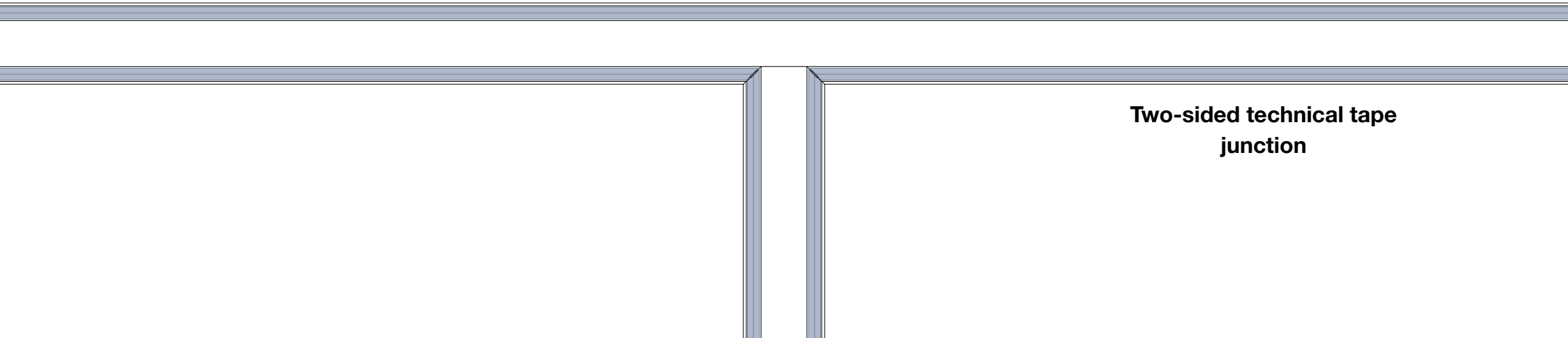
Aluminium junction profile
ritmica d2 - ritmica solid



Aluminium junction profile

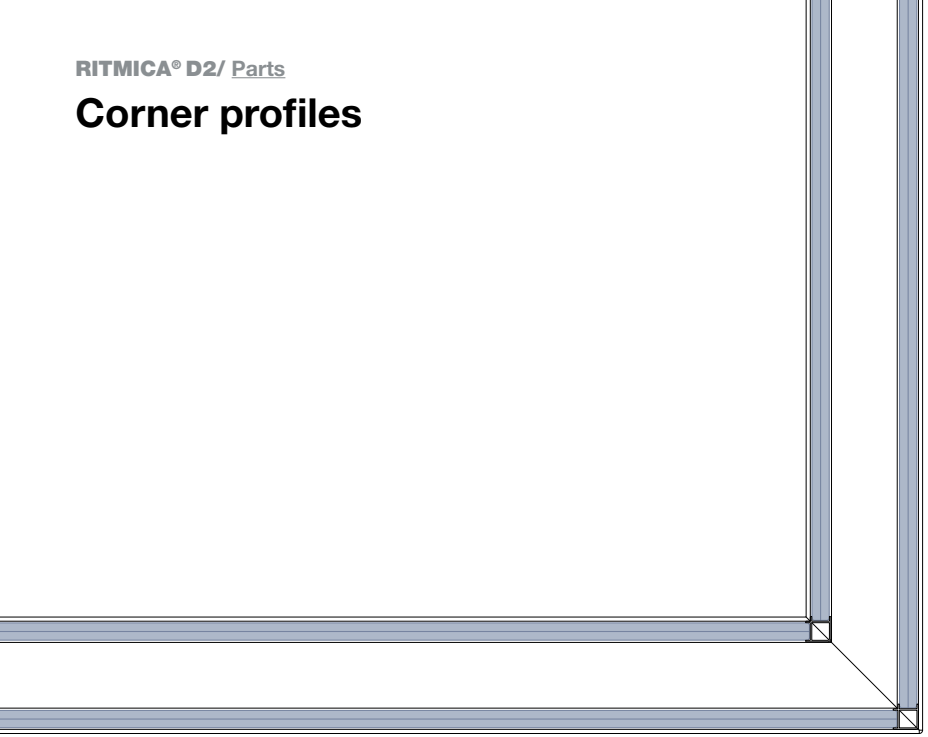
Polycarbonate junction profile

Two-sided technical tape junction

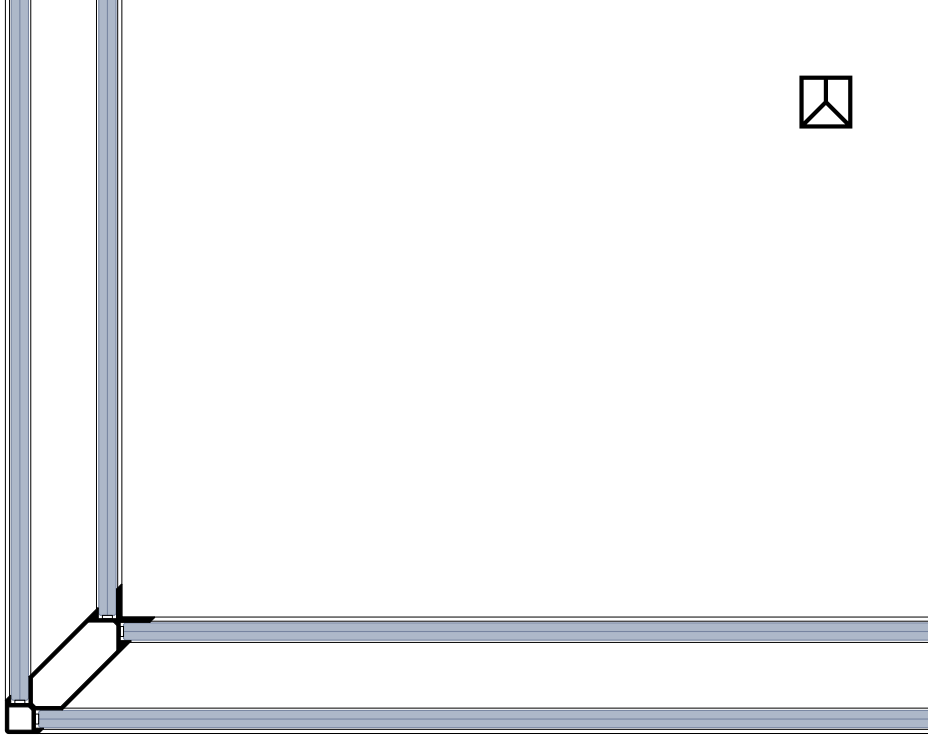


Two-sided technical tape junction

Corner profiles



Polycarbonate
90° corner profile

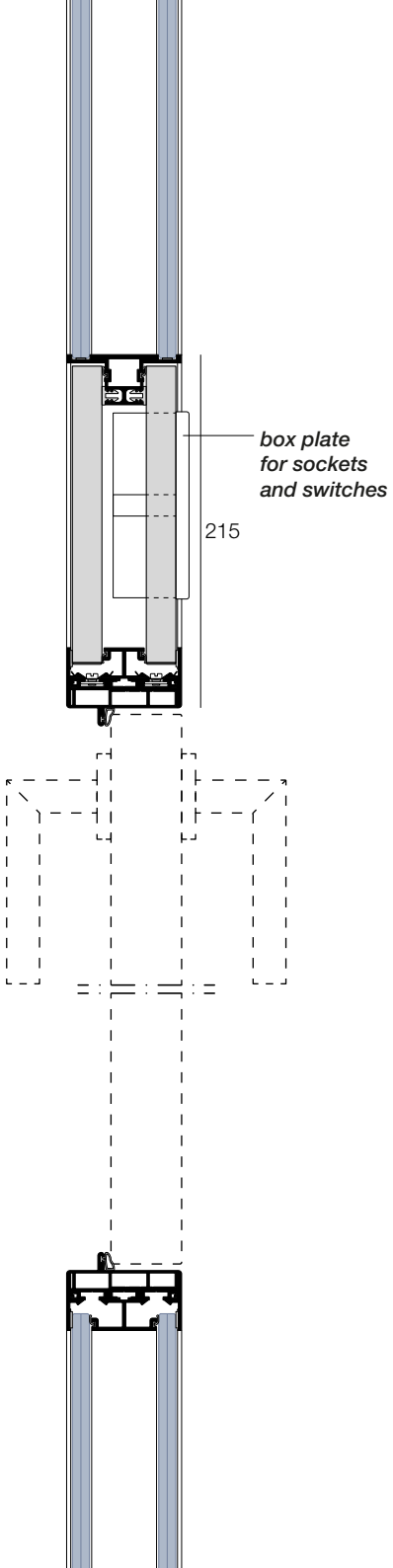


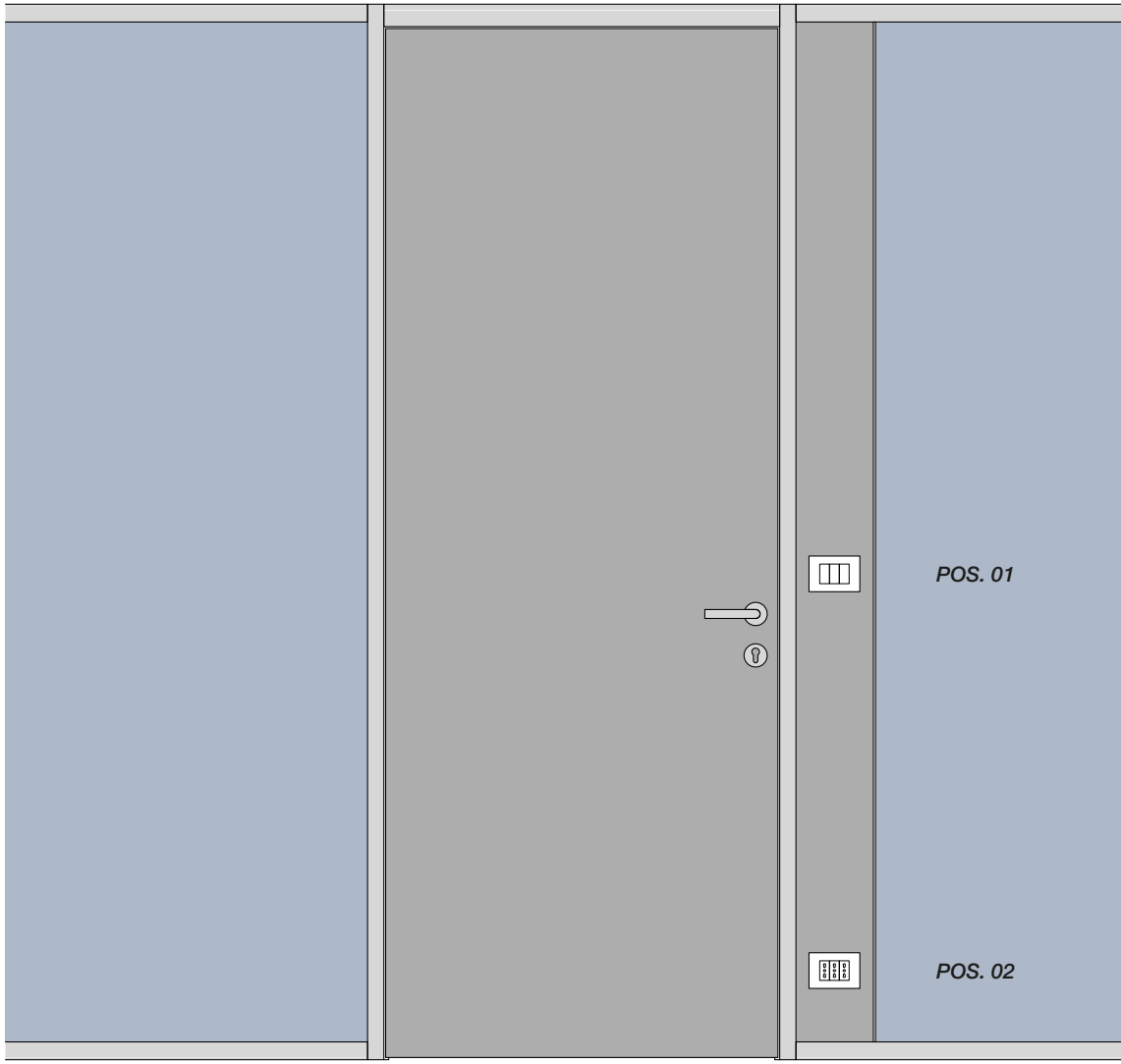
Aluminium
90° corner profile

Two-sided technical tape
90° corner junction

Utility module for hinged doors

Utility module

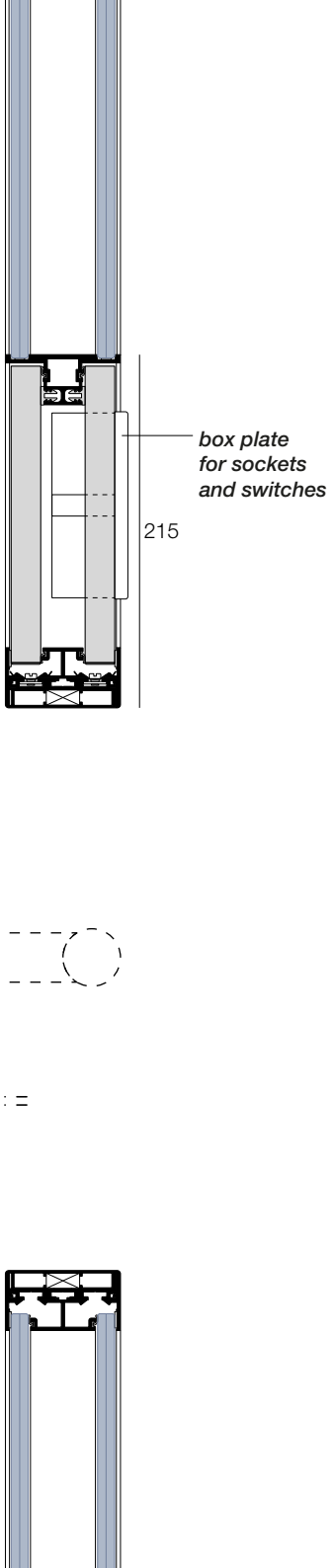


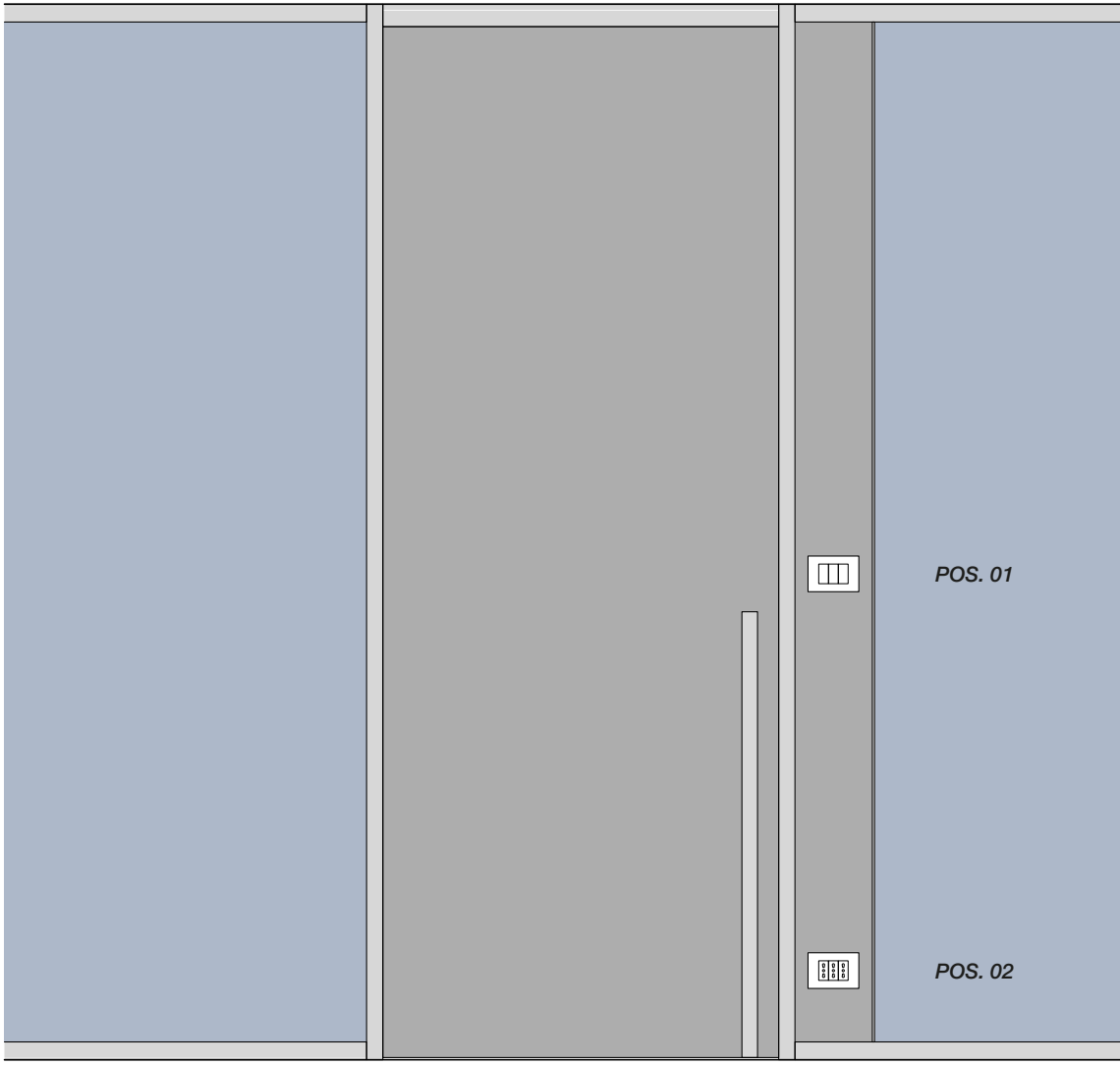


*possible positions for switches and sockets on the utility module

Utility module for sliding doors

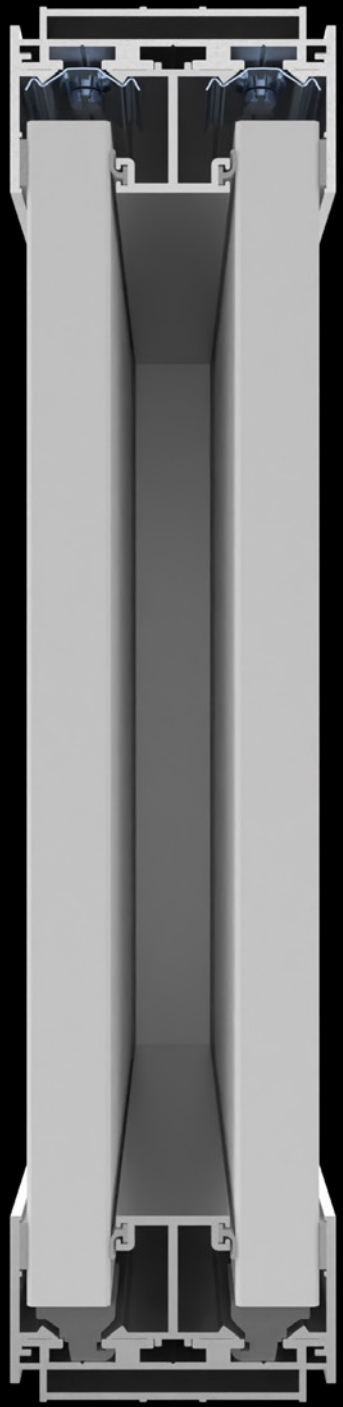
Utility module





*possible positions for switches and sockets on the utility module

RITMICA® SOLID



Plus and Acoustic performance

01. Thickness: 70 mm

02. Floor and ceiling rails, corner profiles and wall-end uprights are in 6060 UNI 9006/1 extruded aluminium

03. Solid wall with lacquered or veneered panels - 18 mm thick

04. Fixed corner profiles

05. Aluminium vertical junctions between glazed and solid elements

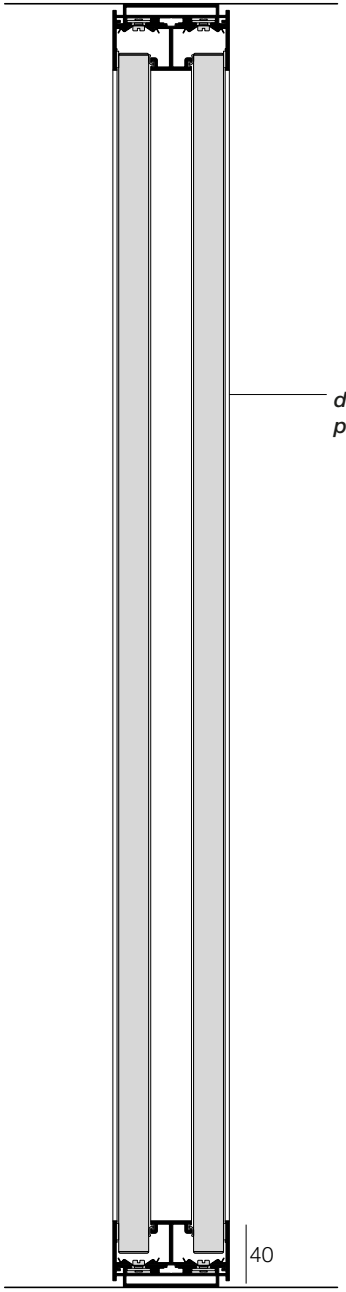
06. Utility module

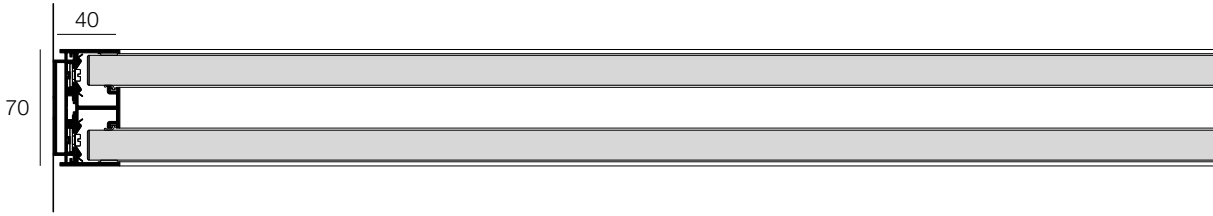
07. 9 versions of hinged doors - solid, tempered glass and framed

08. 5 versions of external sliding doors - solid, tempered glass and framed

01. Double 18-mm-thick panel + sound-absorbing material - **39 dB**

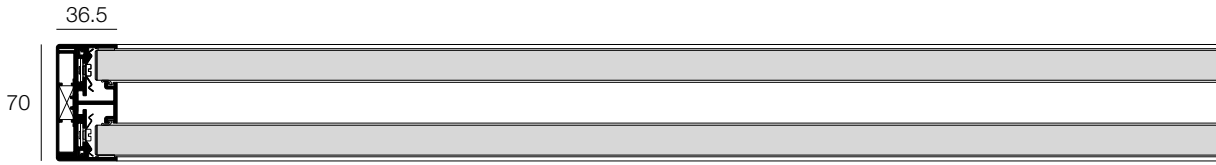
Wall-end uprights



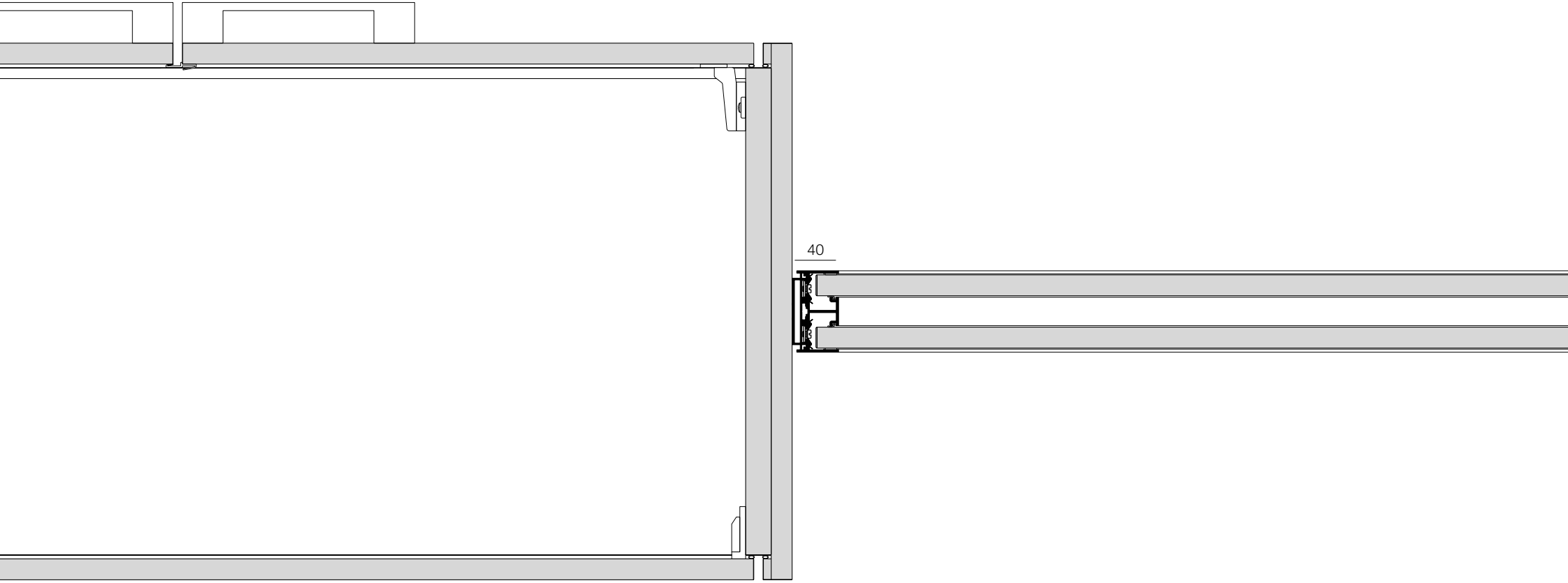


Fixed wall-end upright

Wall-end uprights

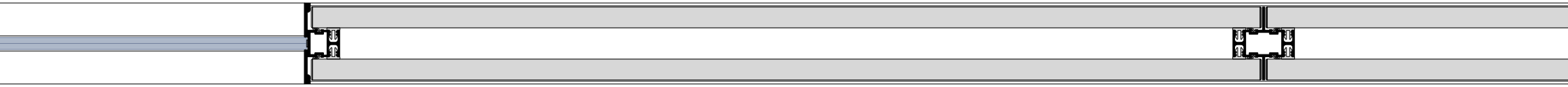


End profile



Storage-end upright

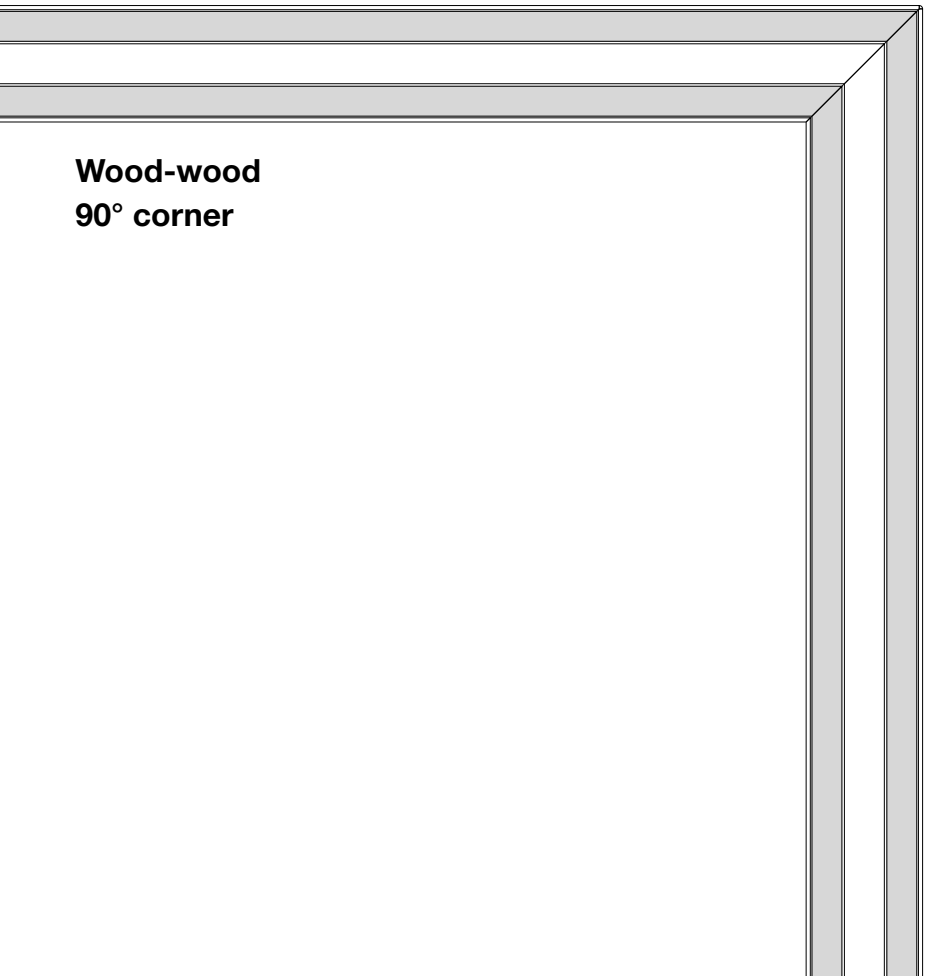
Junction profiles



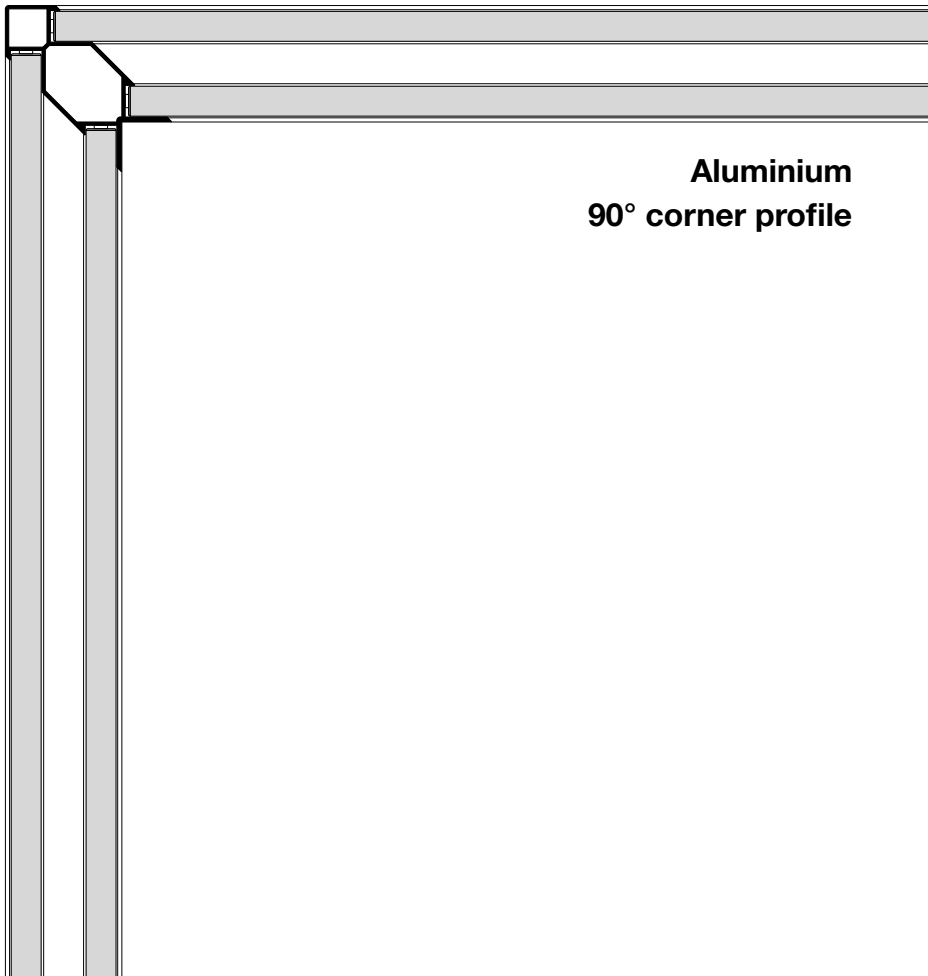
Aluminium
junction profile
ritmica d1 - ritmica solid

Aluminium
junction profile
ritmica solid - ritmica solid

Corner profiles



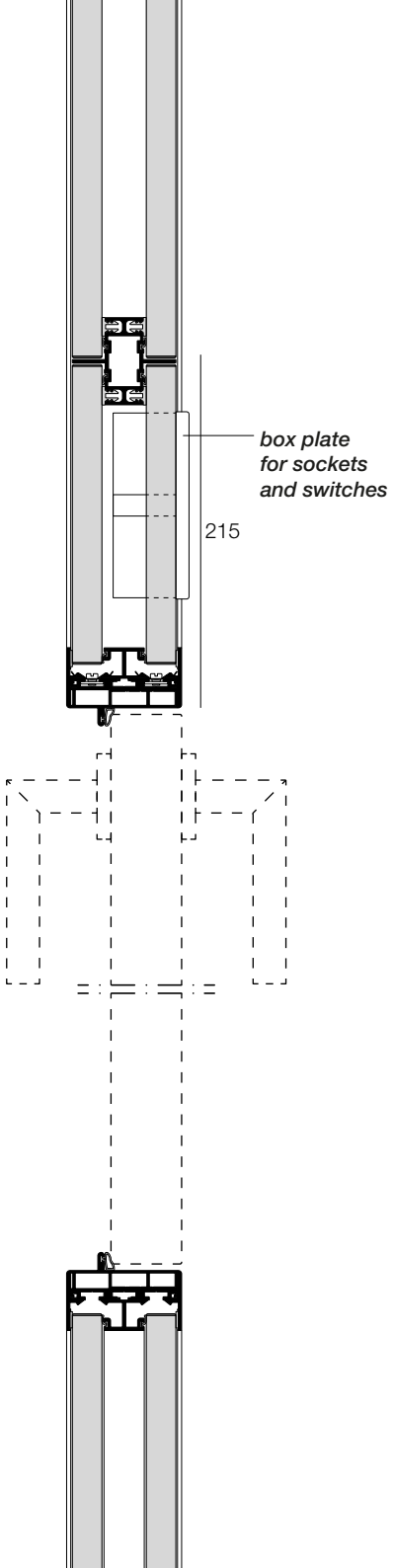
Wood-wood
90° corner

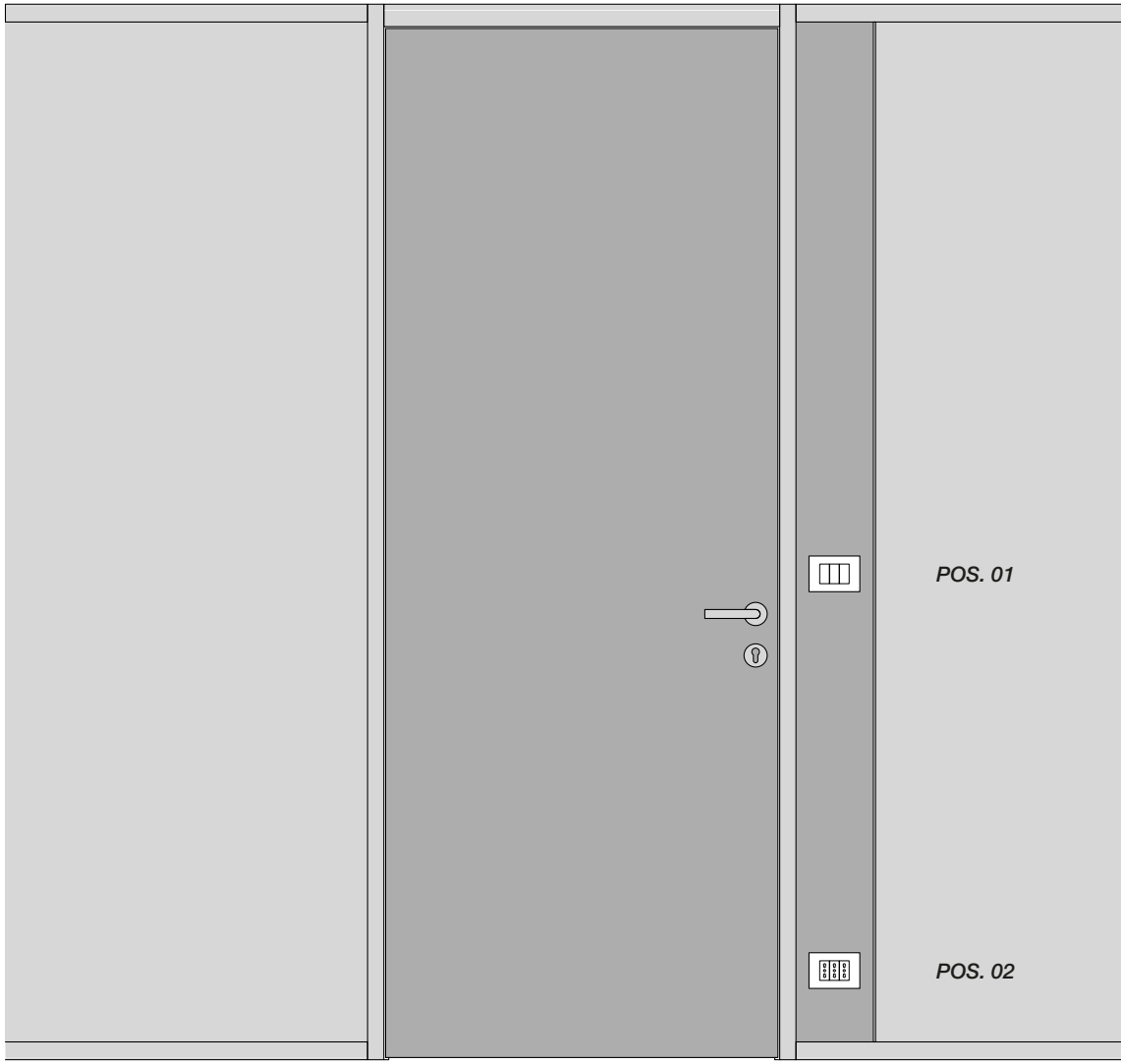


Aluminium
90° corner profile

Utility module for hinged doors

Utility module

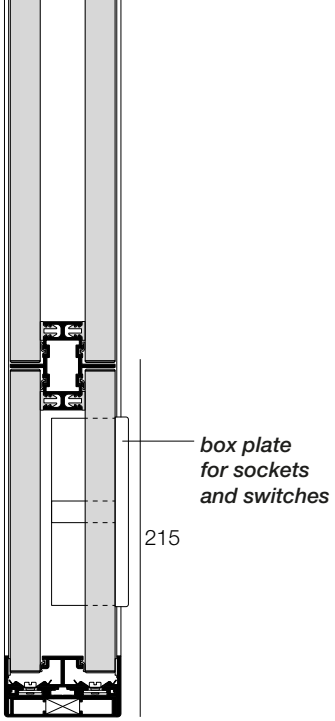


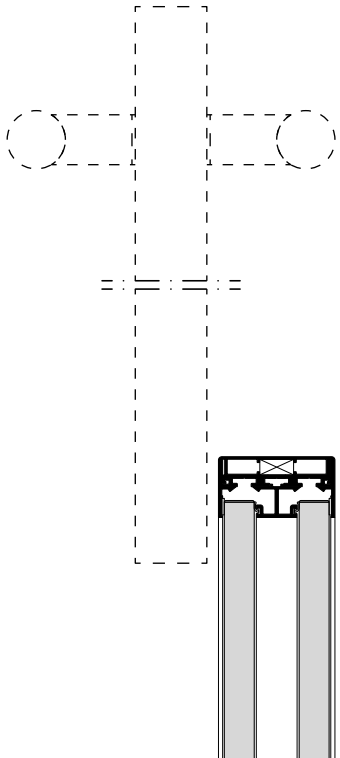


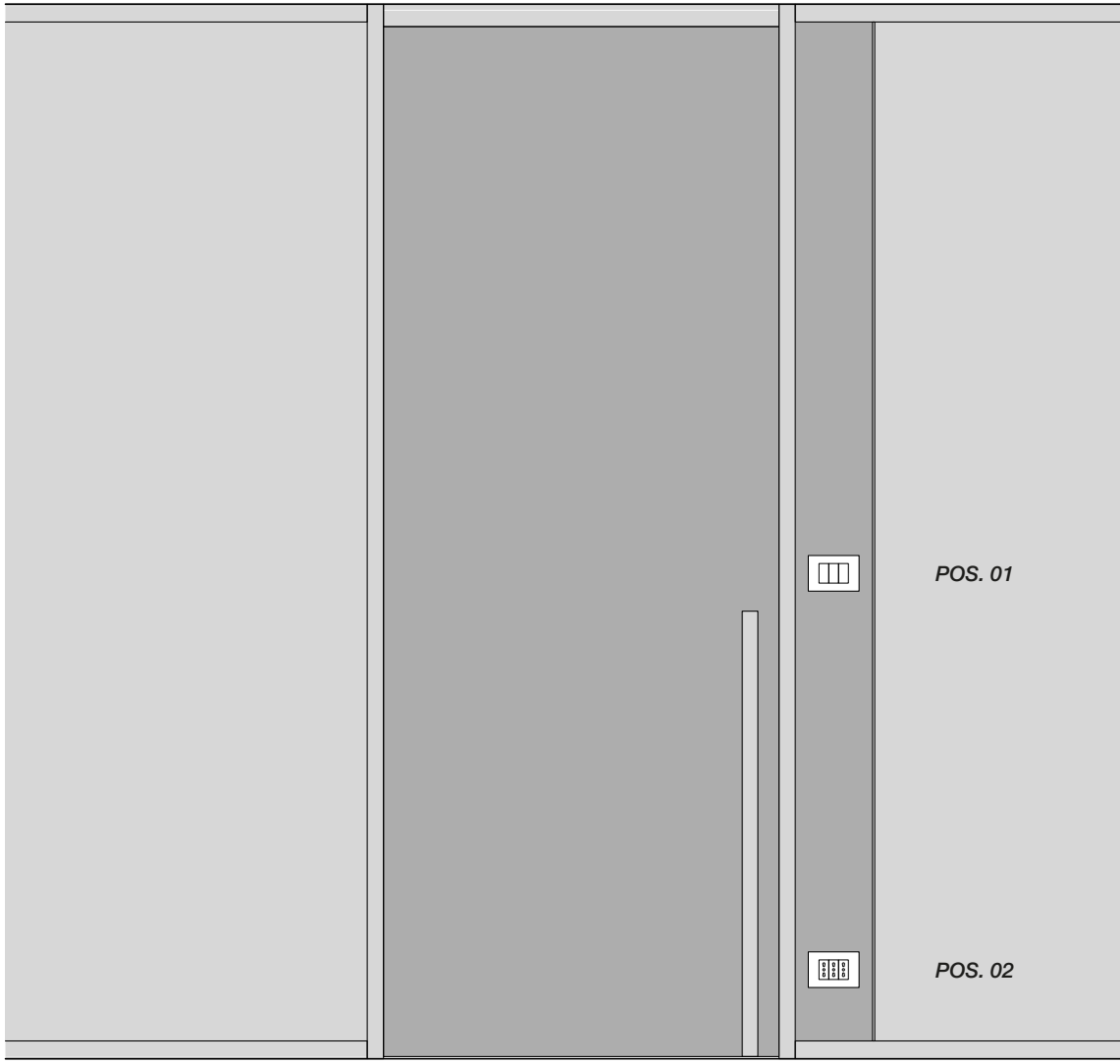
*possible positions for switches and sockets on the utility module

Utility module for sliding doors

Utility module







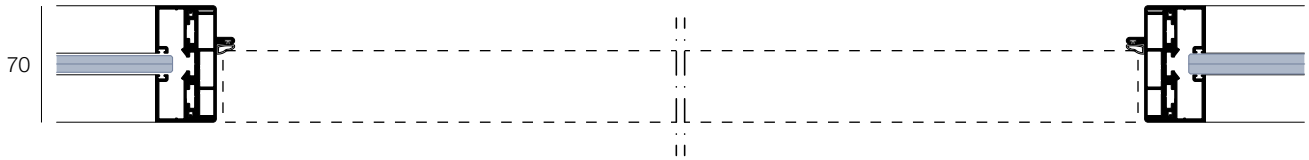
*possible positions for switches and sockets on the utility module

RITMICA®
ALUMINIUM

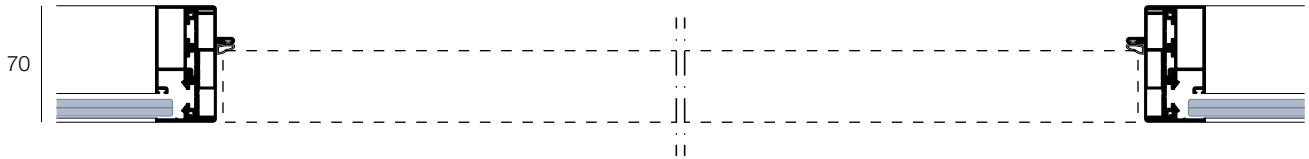
Doors and handles

FRAMES FOR HINGED DOORS

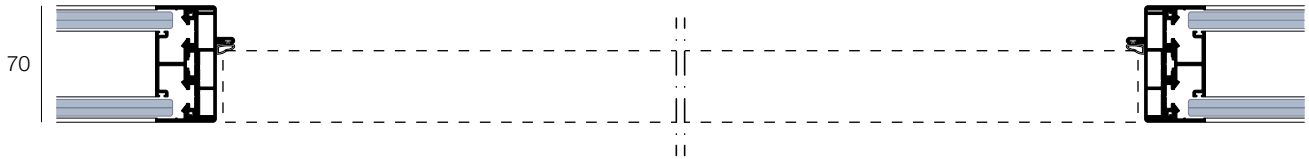
Door frame on **Ritmica D1**



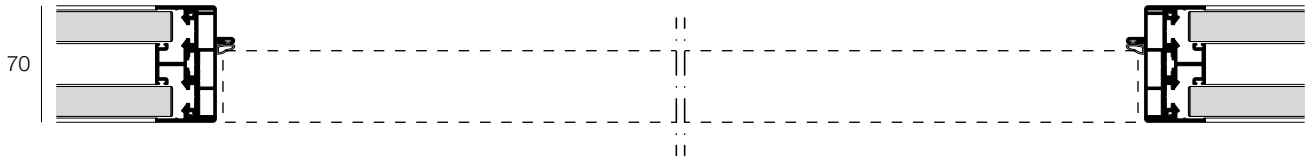
Door frame on **Ritmica DA**



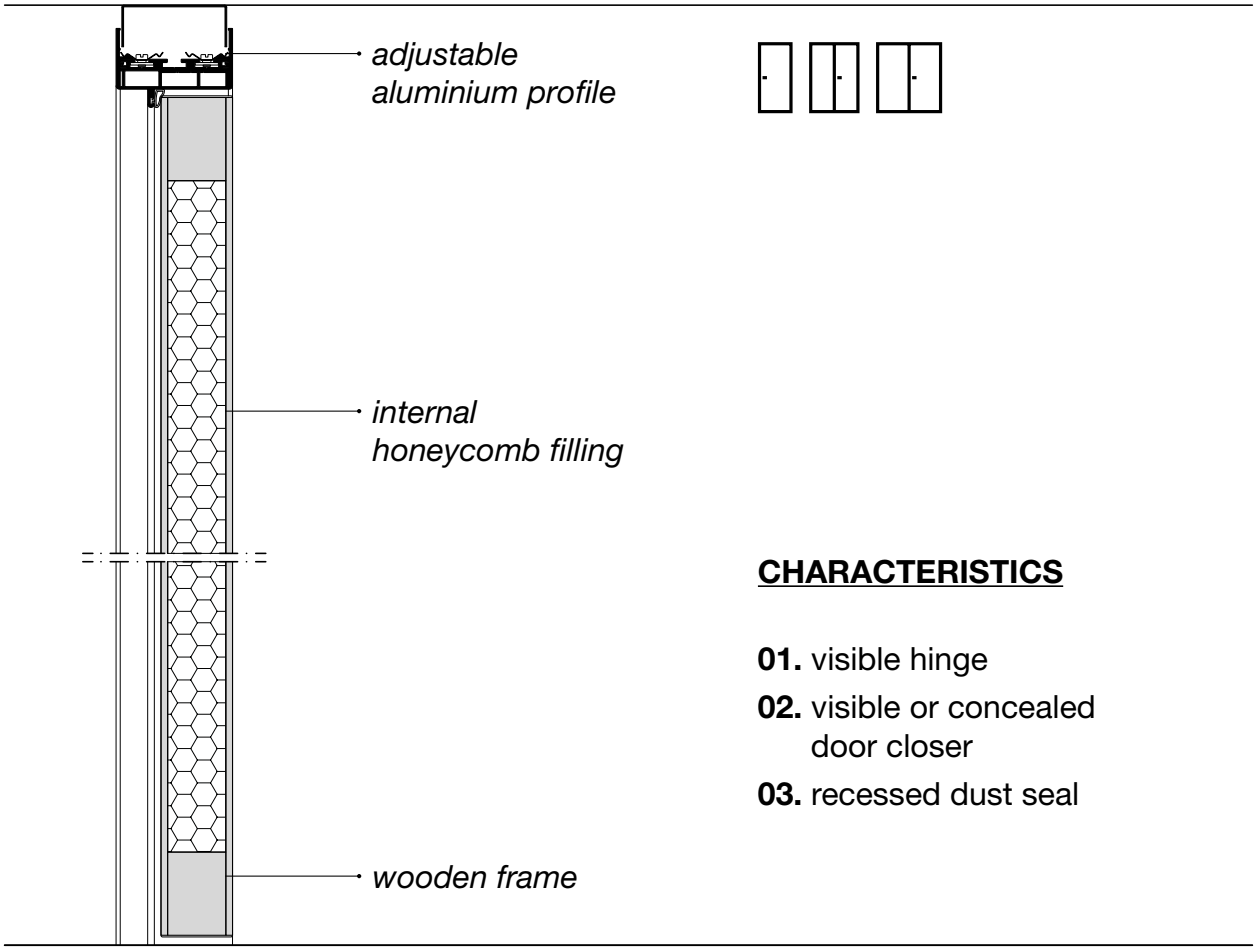
Door frame on **Ritmica D2**



Door frame on **Ritmica Solid**



SOLID DOOR LEAF 43 mm thick

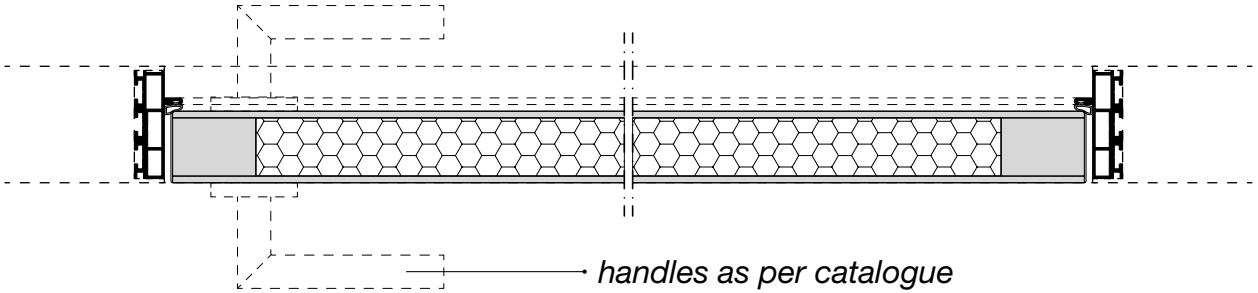


CHARACTERISTICS

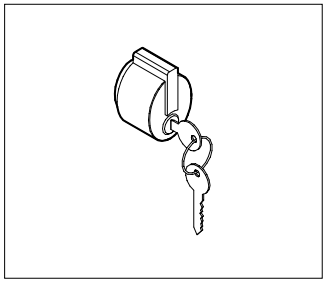
01. visible hinge

02. visible or concealed door closer

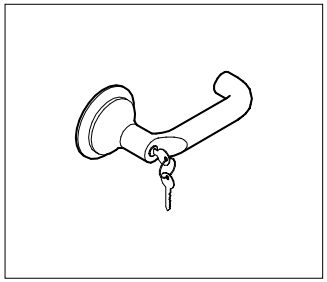
03. recessed dust seal



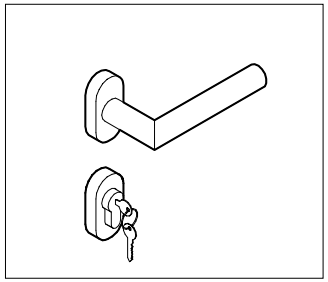
SOLID DOOR LEAF 43 mm thick



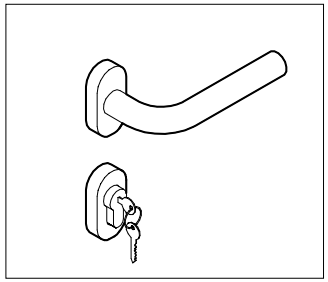
ML1



ML4



ML5



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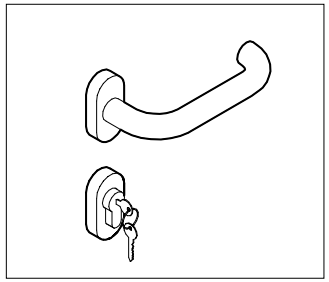
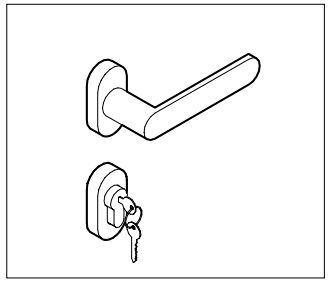
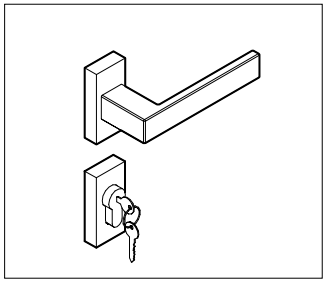


ML7



ML8



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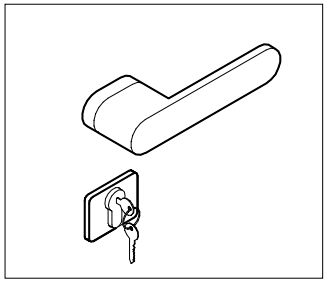

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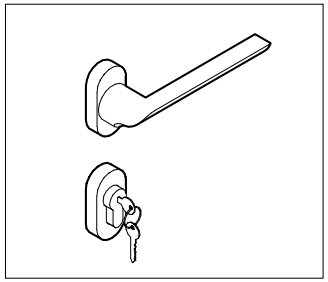
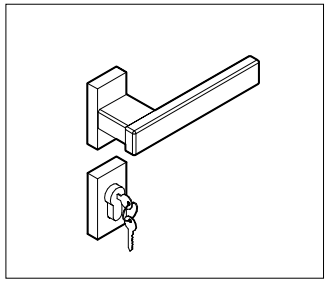
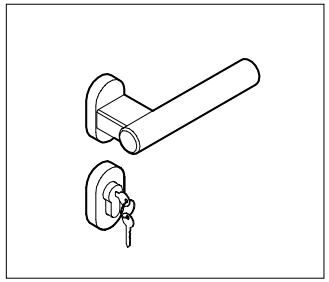


ML11

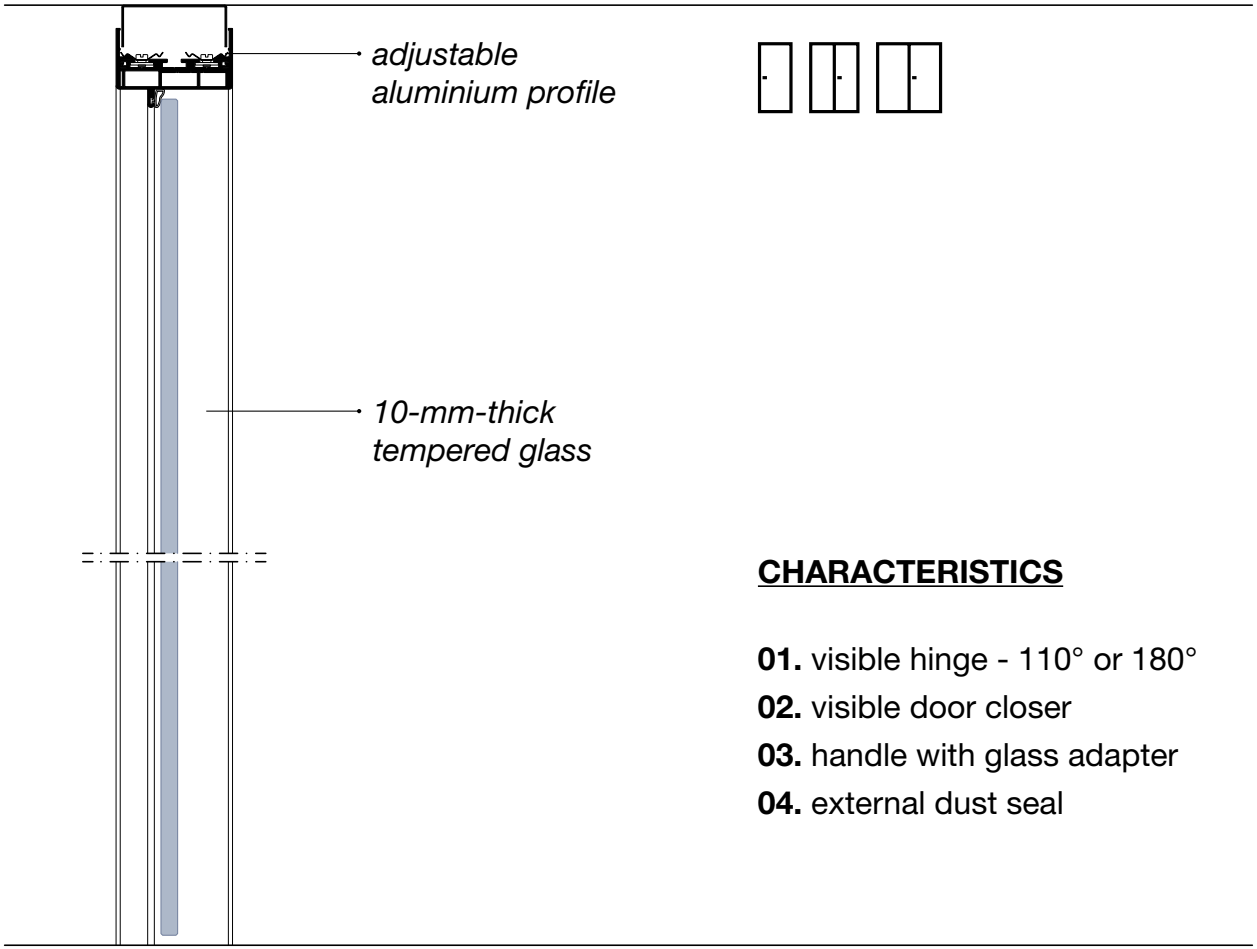


MLQ



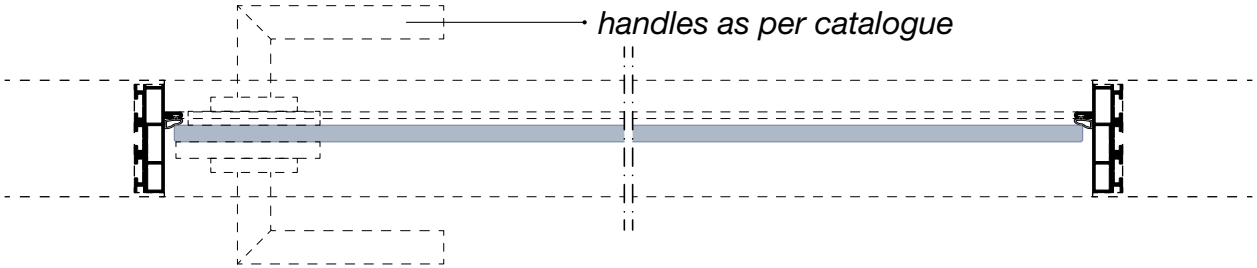
MLT

TEMPERED GLASS DOOR LEAF 10 mm thick

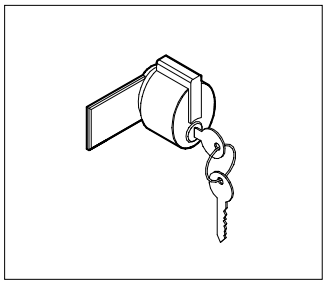


CHARACTERISTICS

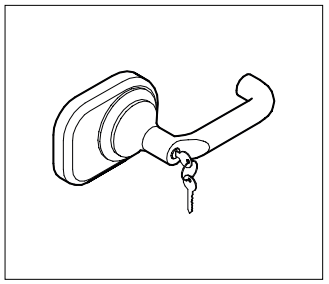
01. visible hinge - 110° or 180°
02. visible door closer
03. handle with glass adapter
04. external dust seal



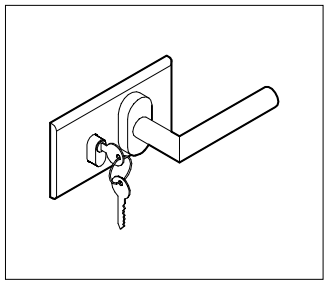
TEMPERED GLASS DOOR LEAF 10 mm thick



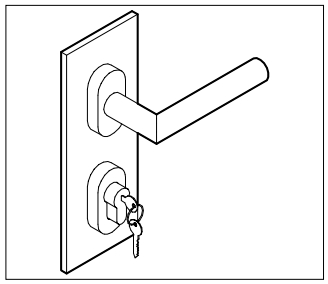
MC1



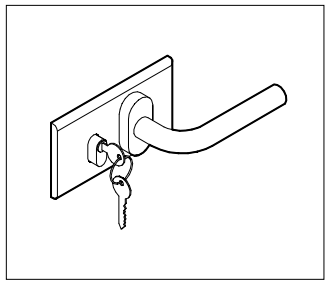
MC4



MC5



MC5V



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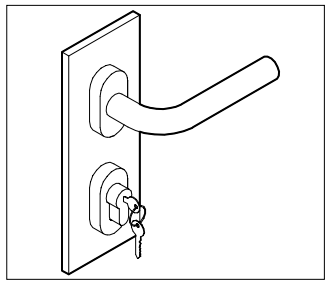

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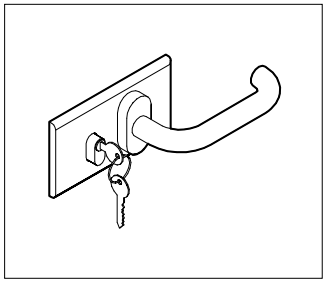

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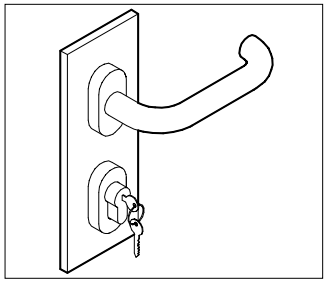

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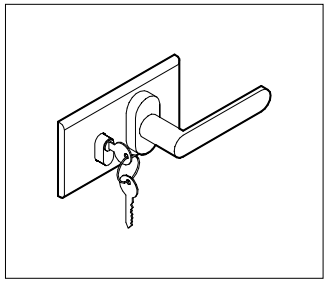

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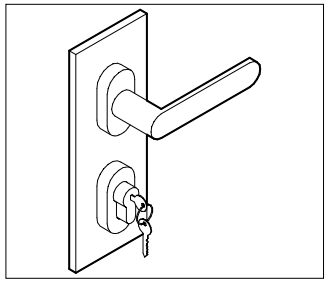

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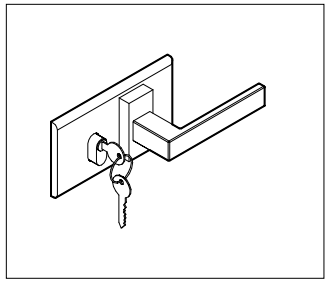

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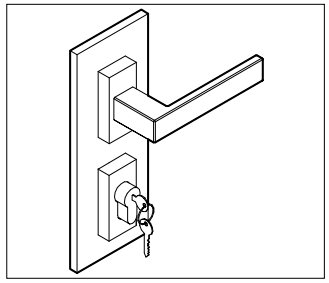

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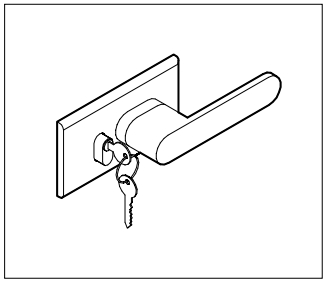

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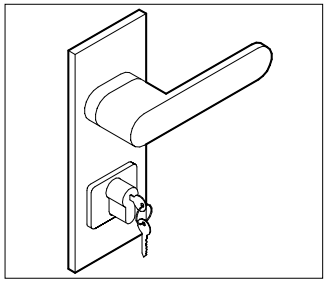
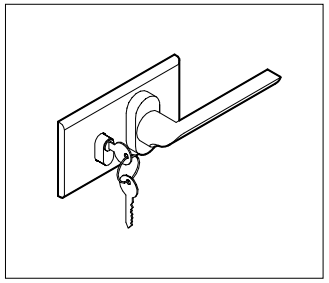


MC10V



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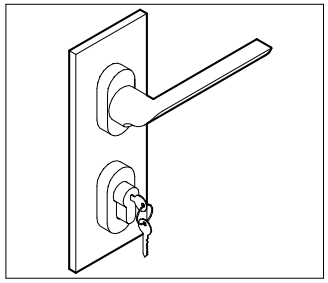
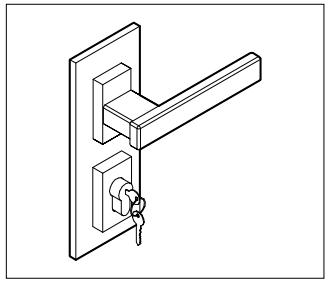


MC11V



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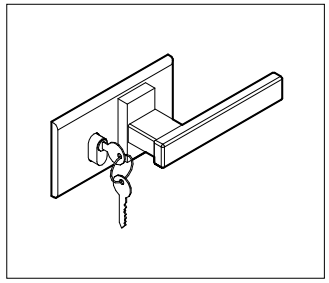

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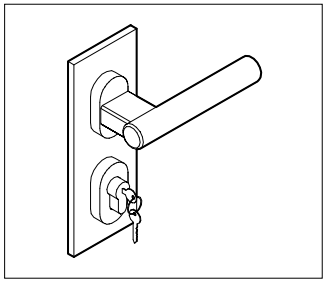
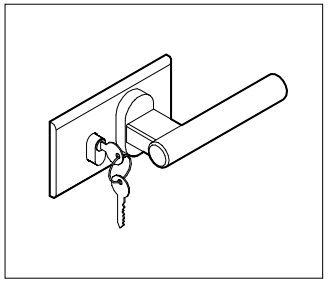
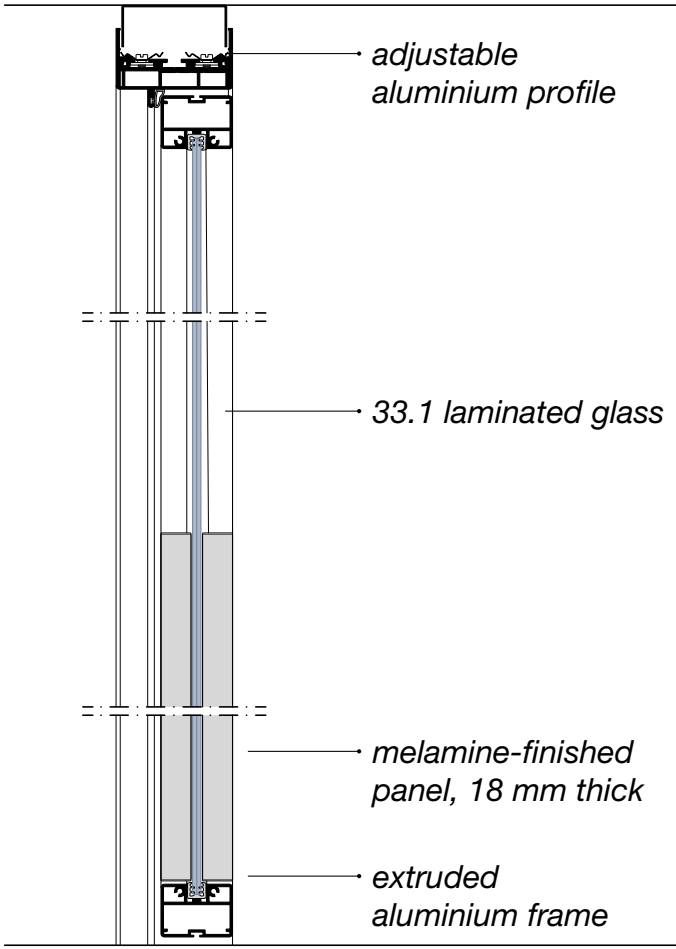


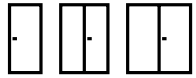
MCT



MCTO

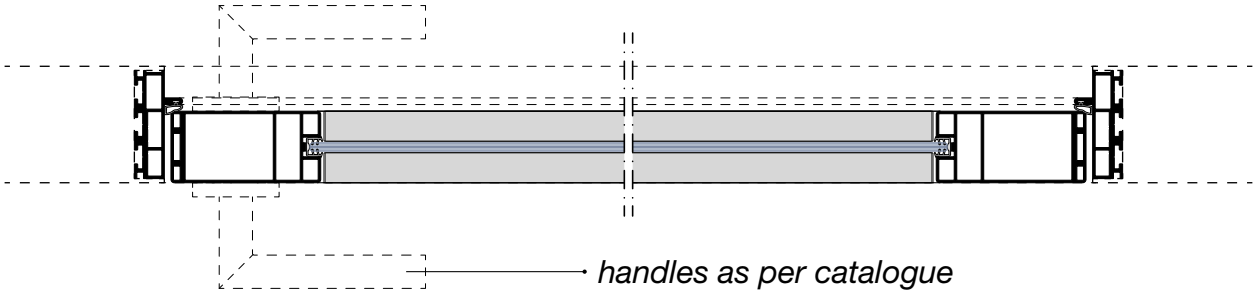
LARGE FRAMED DOOR LEAF WITH PANEL 43 mm thick



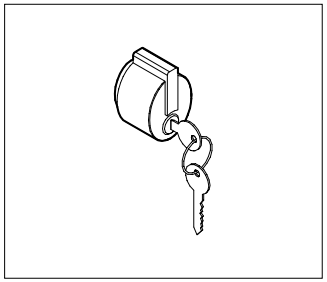


CHARACTERISTICS

01. visible hinge
02. visible door closer
03. recessed dust seal



LARGE FRAMED DOOR LEAF WITH PANEL 43 mm thick



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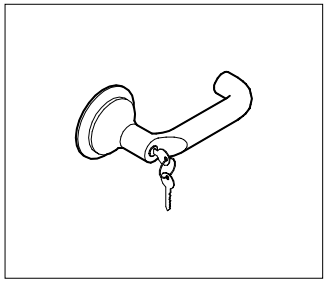

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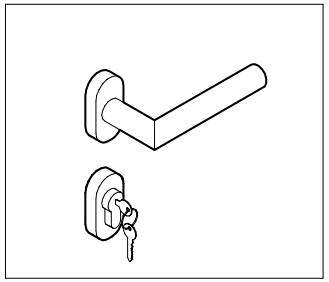

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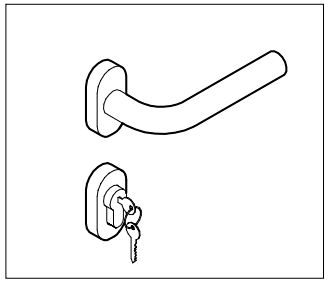

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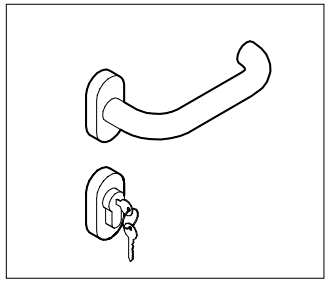

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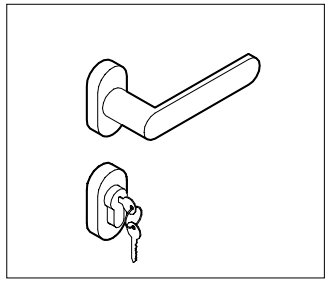

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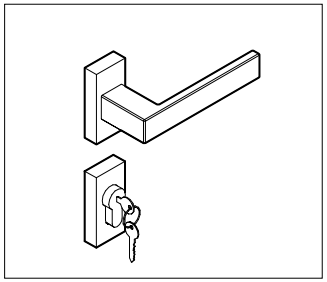

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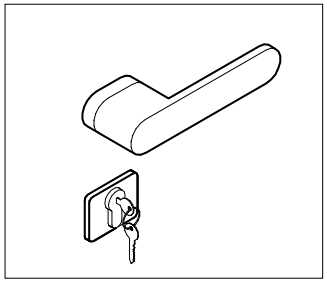

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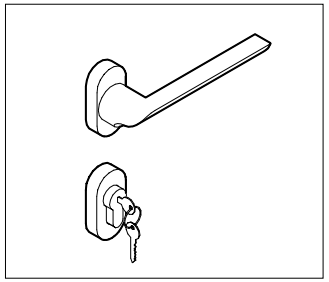

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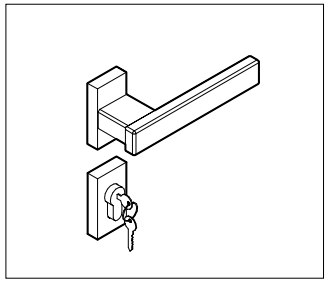
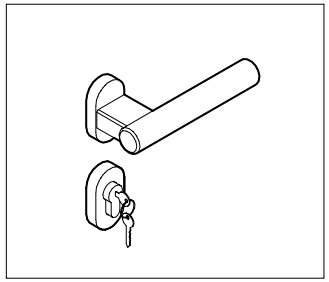
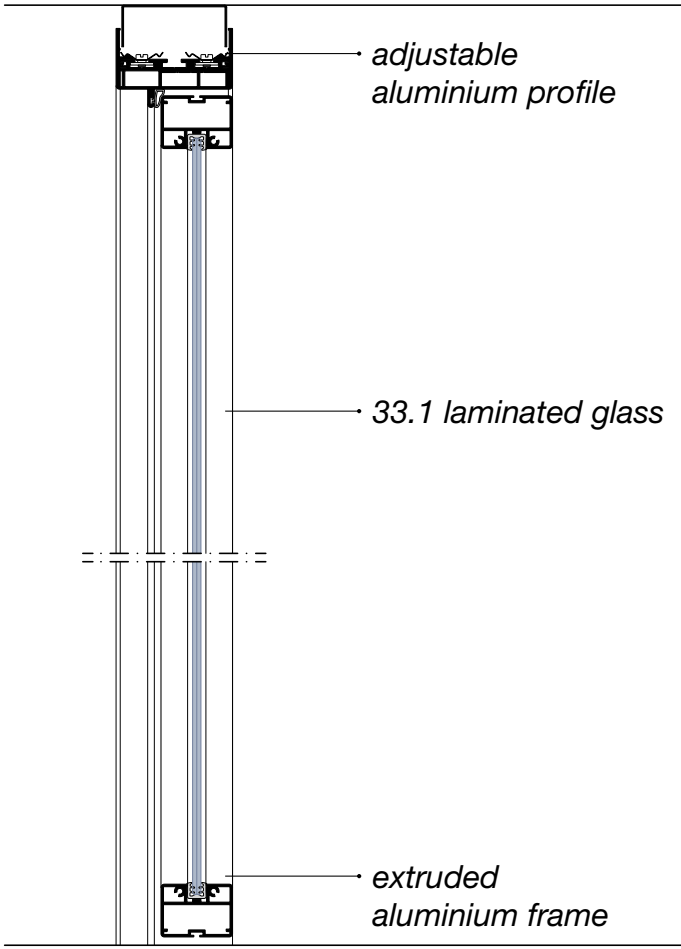


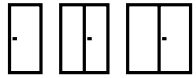
MLQ



MLT

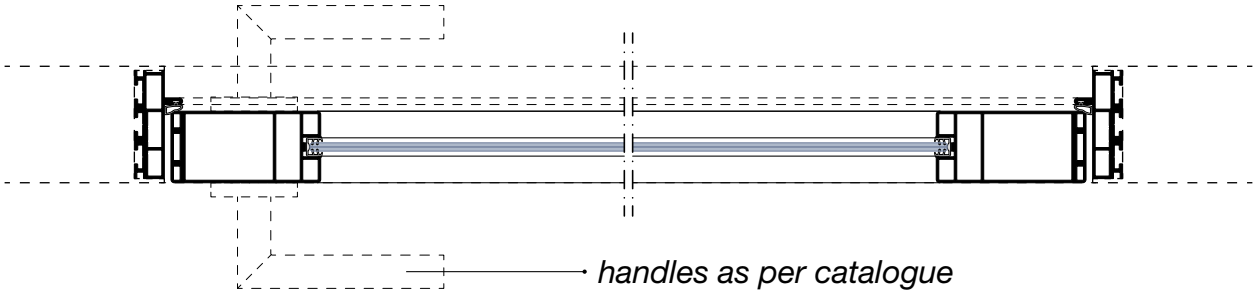
LARGE FRAMED DOOR LEAF 43 mm thick



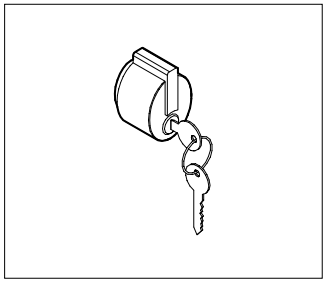


CHARACTERISTICS

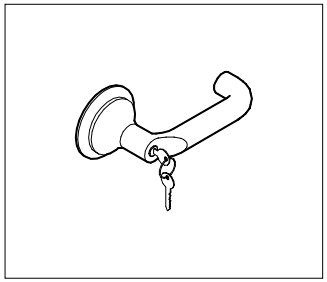
01. visible hinge
02. visible door closer
03. recessed dust seal



LARGE FRAMED DOOR LEAF 43 mm thick



ML1



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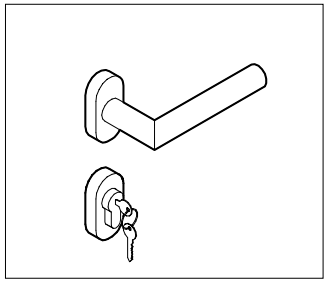
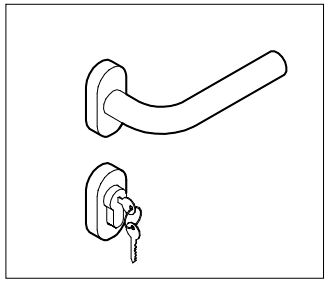


ML5



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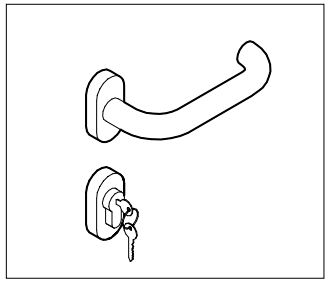

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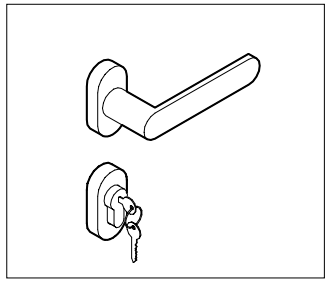

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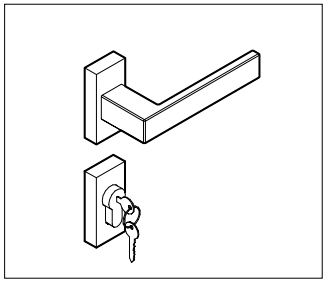

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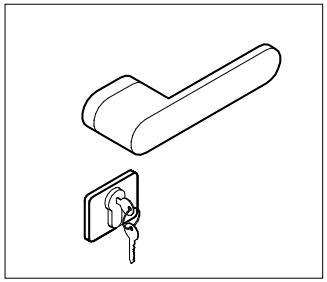

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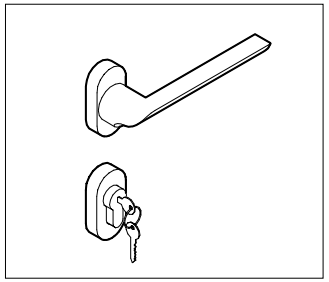

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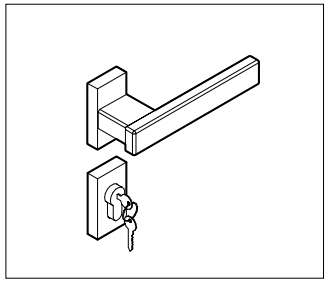
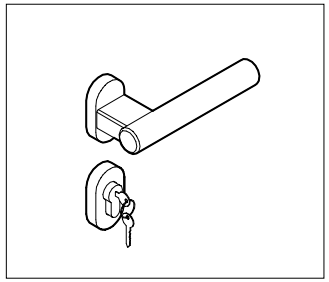
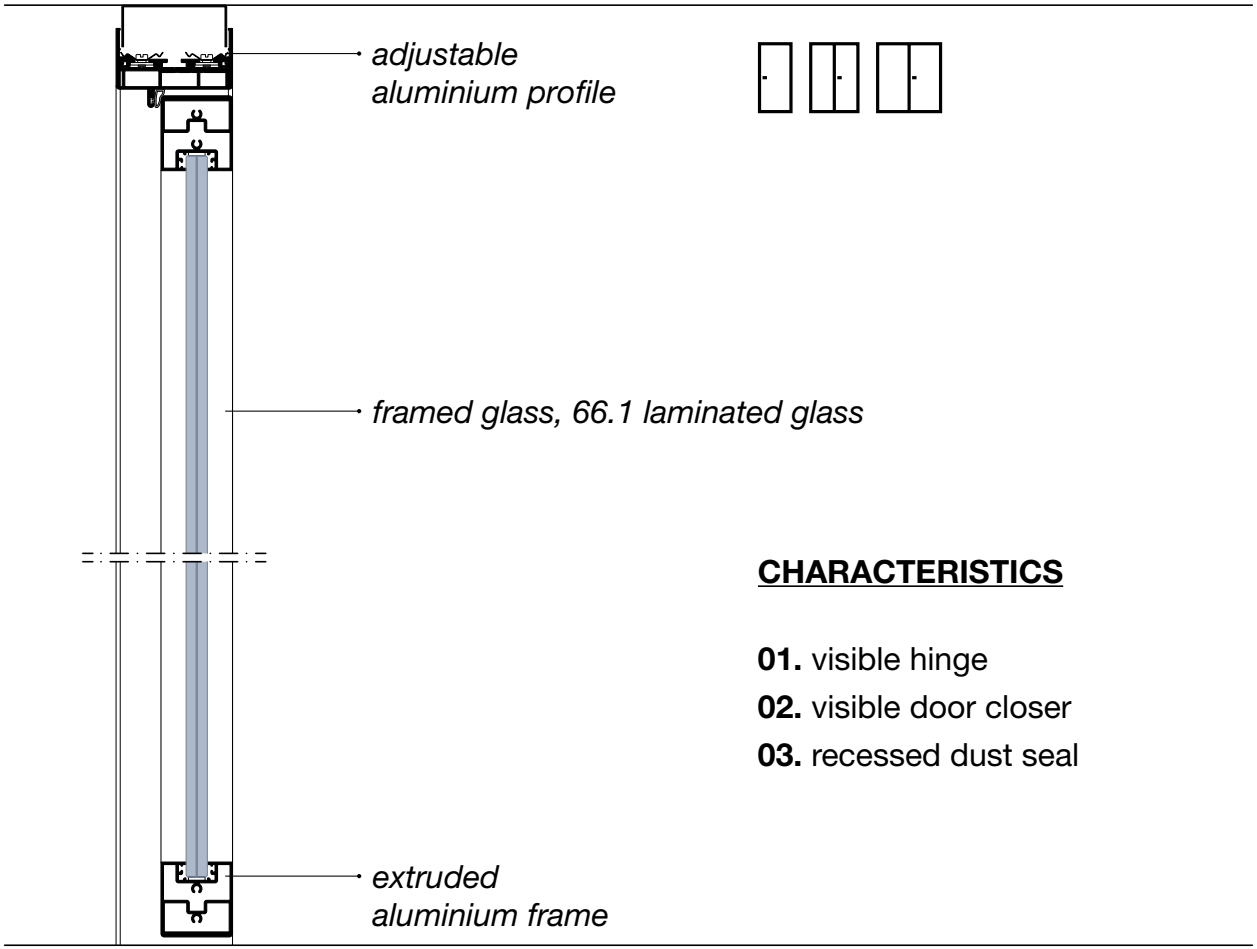


MLQ



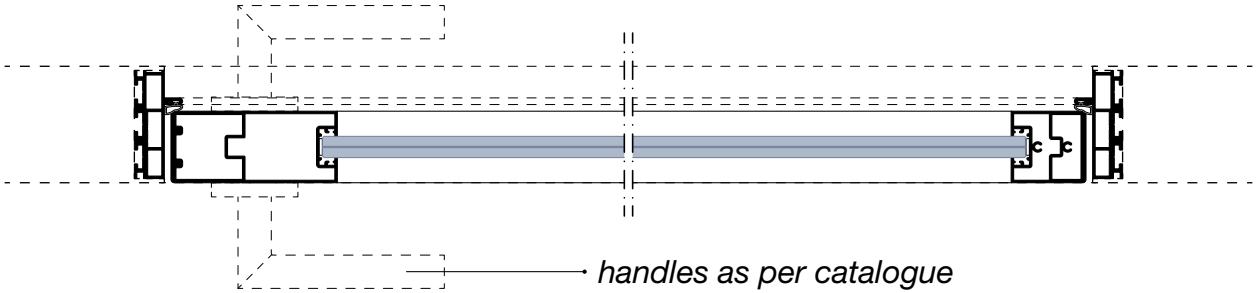
MLT

MEDIUM FRAMED DOOR LEAF 43 mm thick

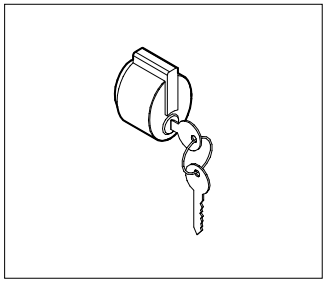


CHARACTERISTICS

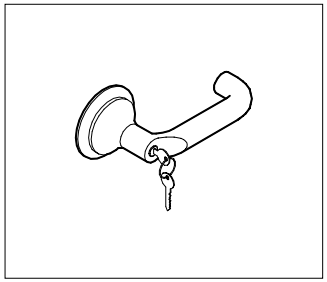
01. visible hinge
02. visible door closer
03. recessed dust seal



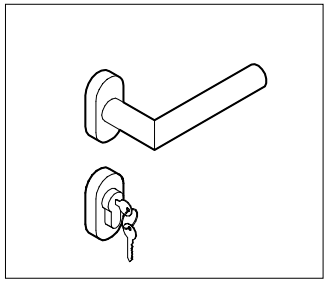
MEDIUM FRAMED DOOR LEAF 43 mm thick



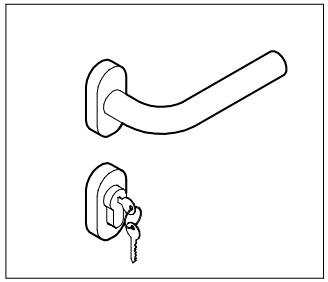
ML1



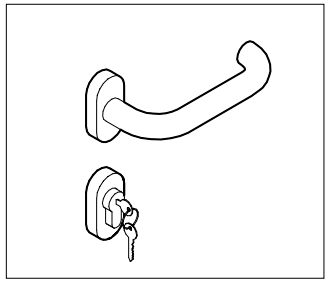
ML4



ML5



ML6



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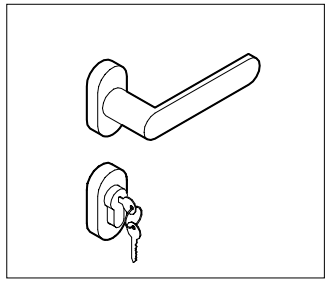
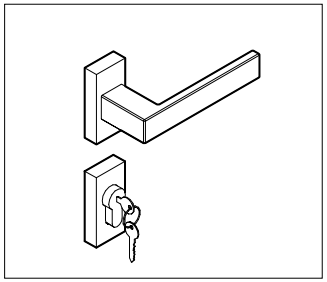
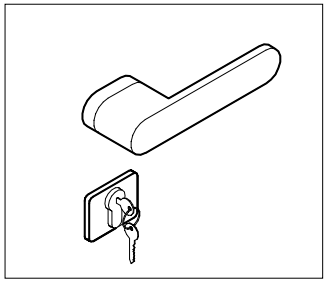


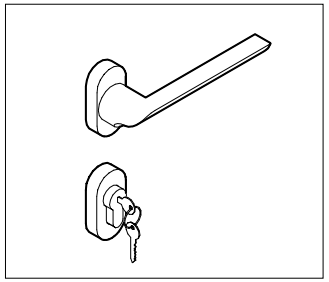
ML8



ML9



ML10



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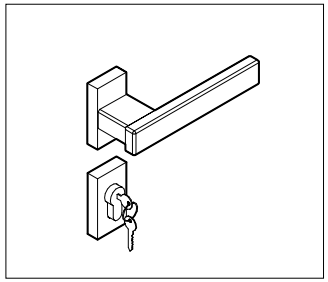
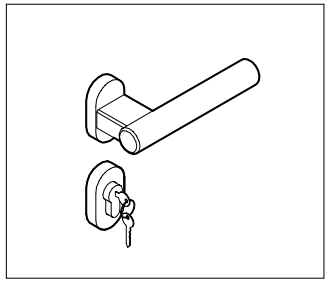
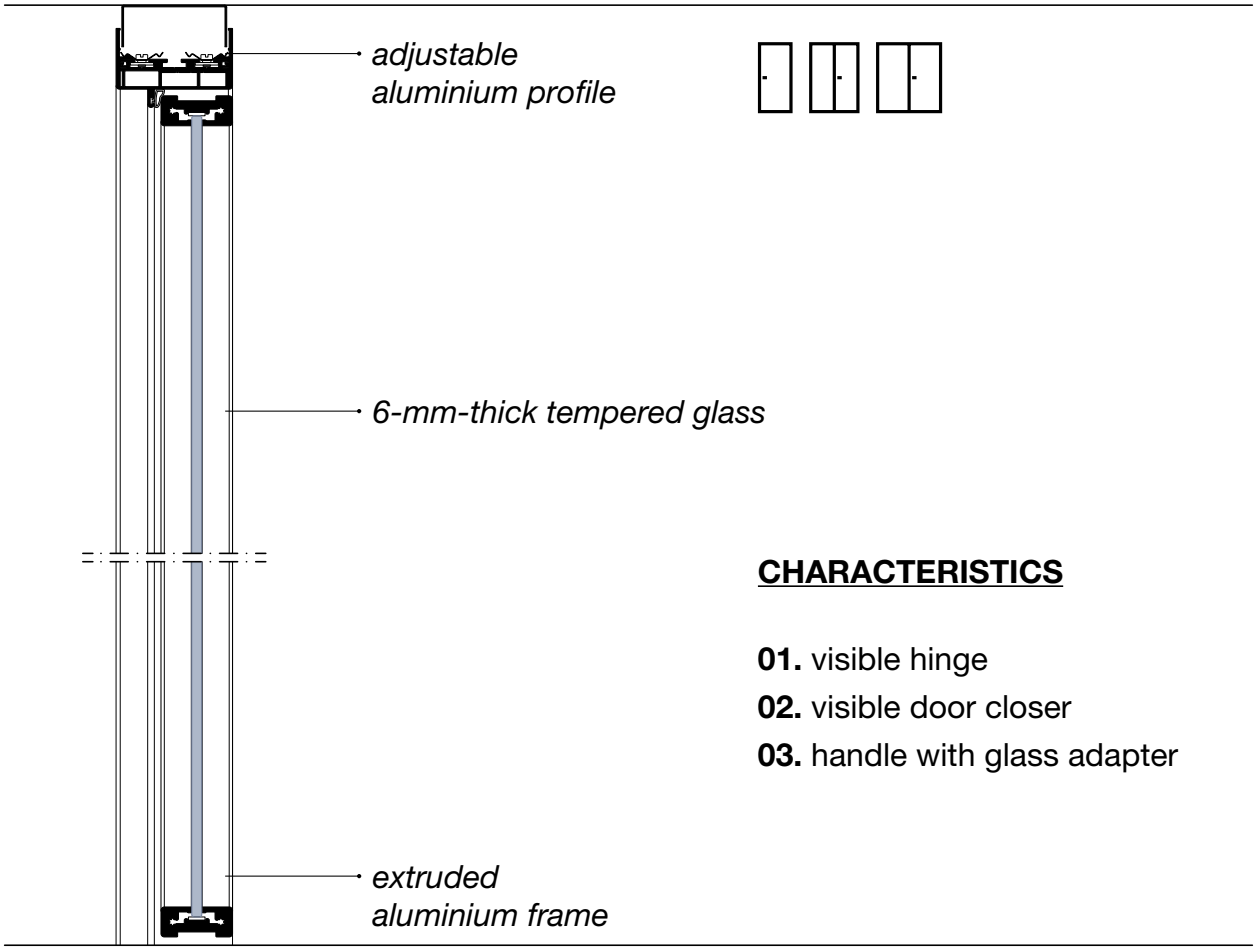


MLQ



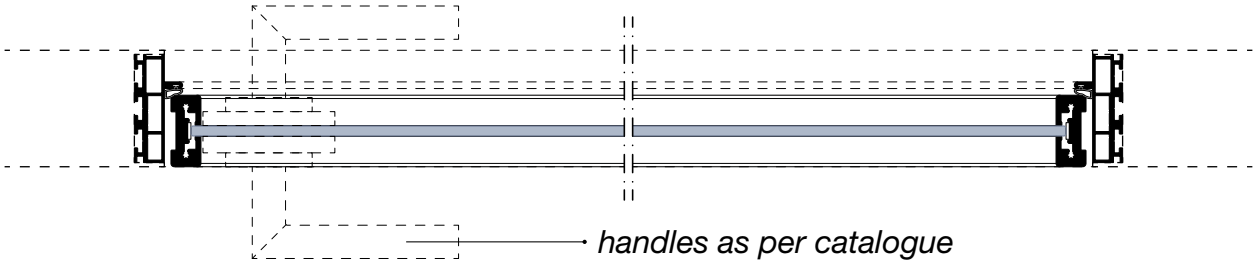
MLT

THIN FRAMED DOOR LEAF 43 mm thick

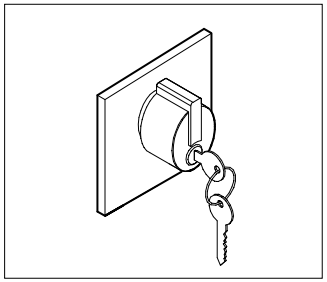


CHARACTERISTICS

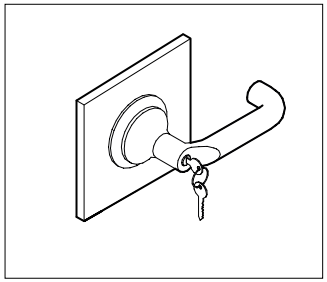
01. visible hinge
02. visible door closer
03. handle with glass adapter



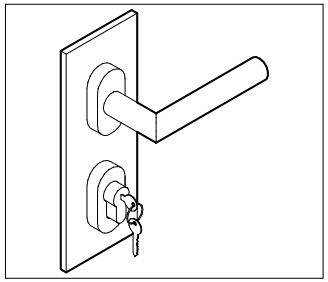
THIN FRAMED DOOR LEAF 43 mm thick



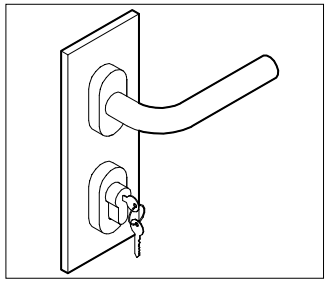
ML1



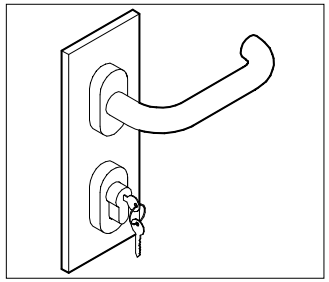
ML4



ML5



ML6



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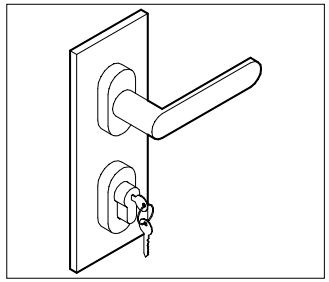

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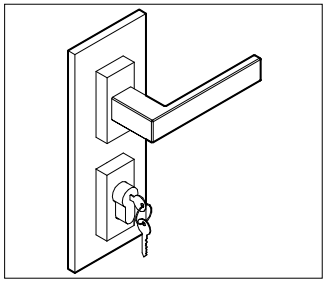
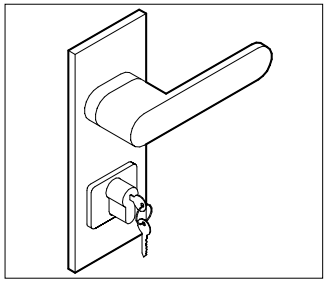
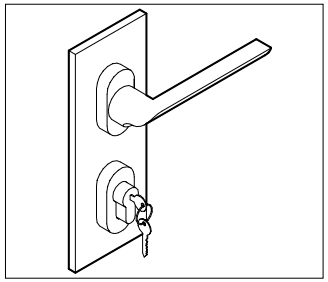


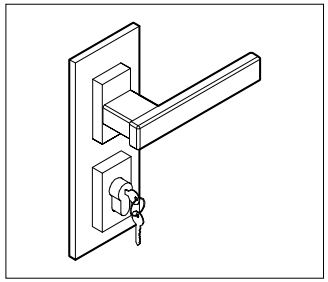
ML9



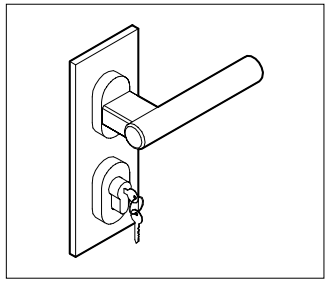
ML10



ML11

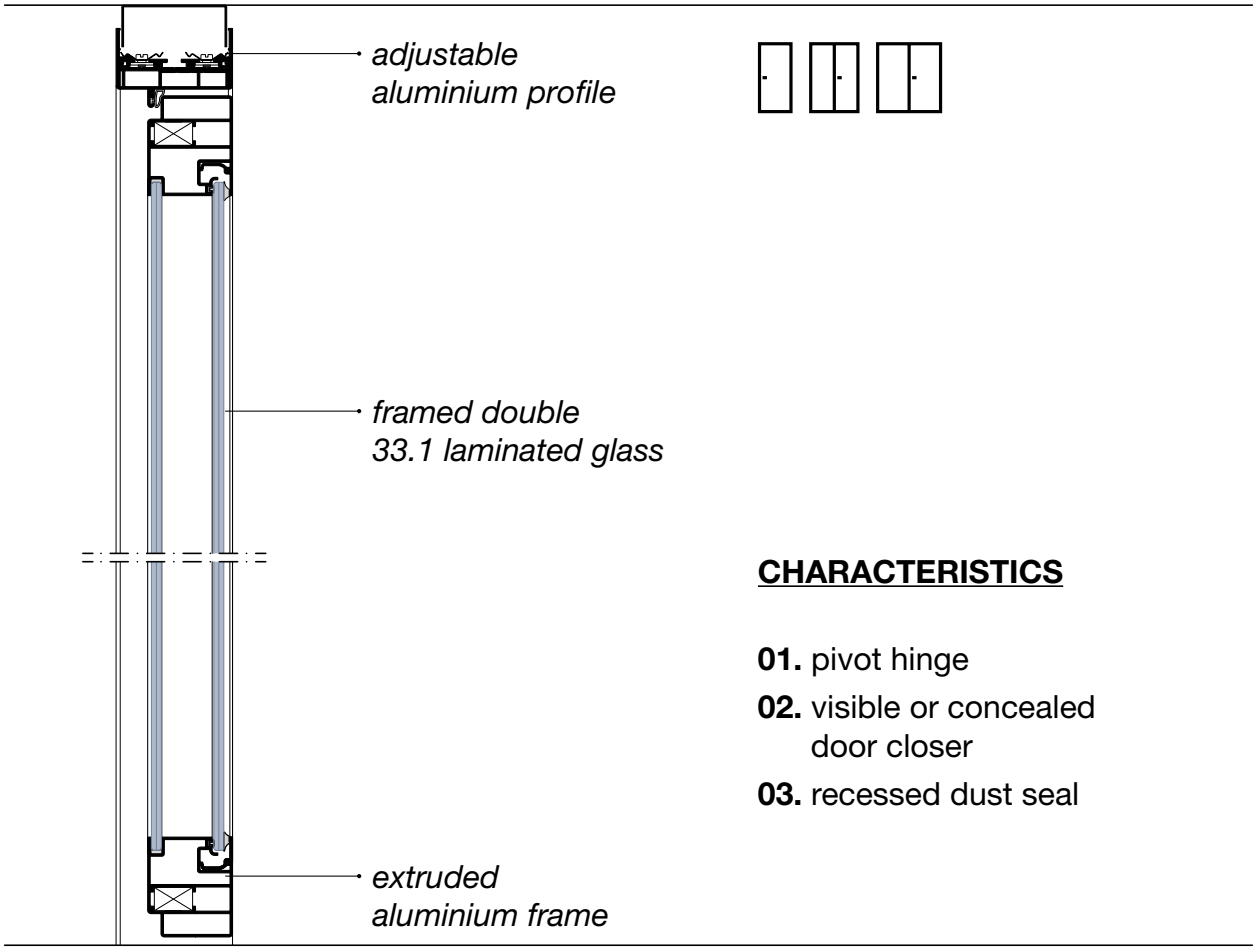


MLQ



MLT

FRAMED DOUBLE-GLASS DOOR LEAF 51 mm thick

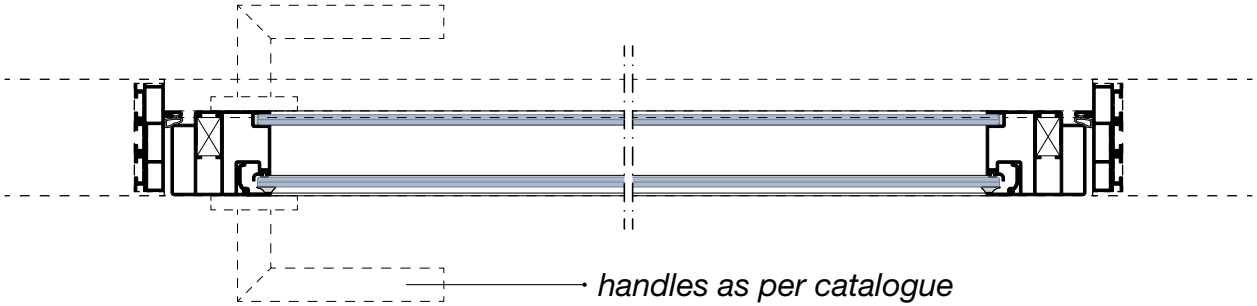


CHARACTERISTICS

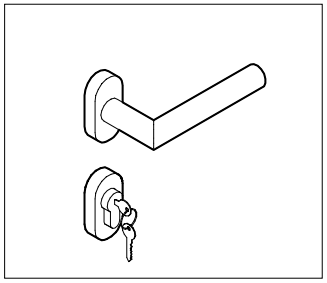
01. pivot hinge

02. visible or concealed door closer

03. recessed dust seal



FRAMED DOUBLE-GLASS DOOR LEAF 51 mm thick



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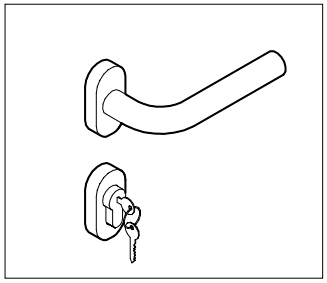

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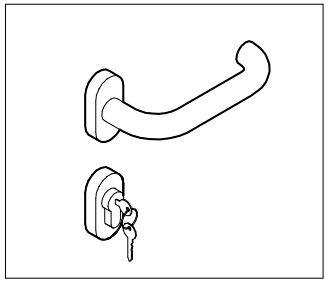

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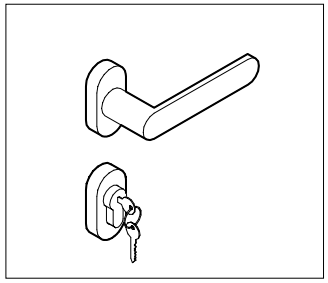

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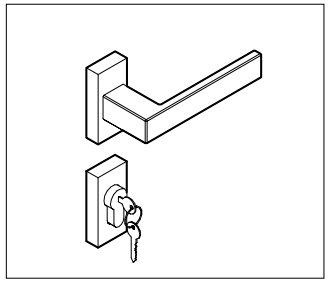

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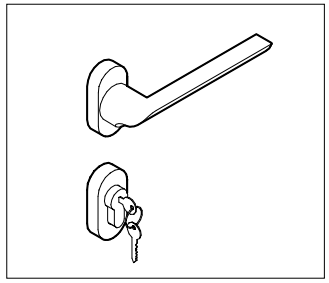
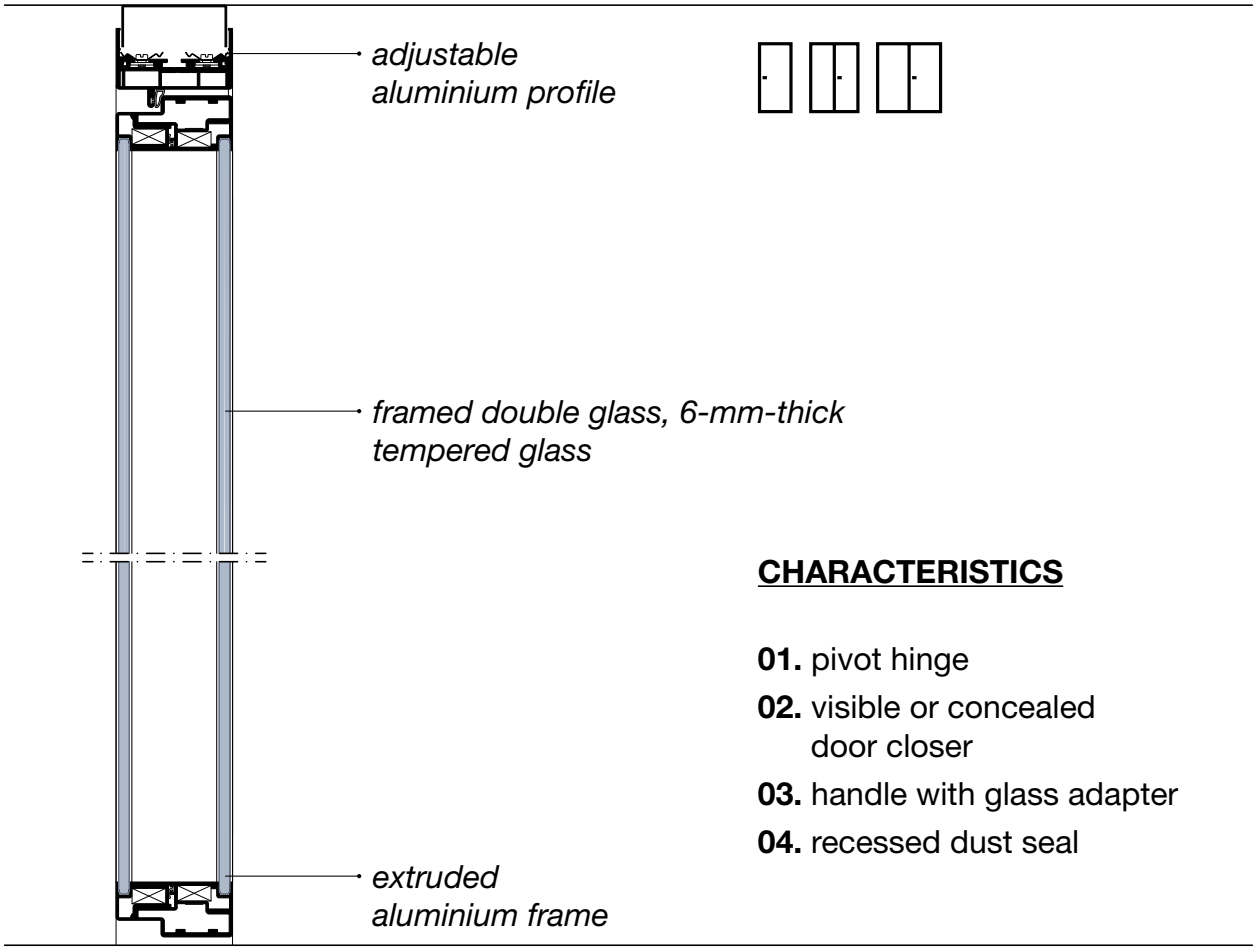


ML11

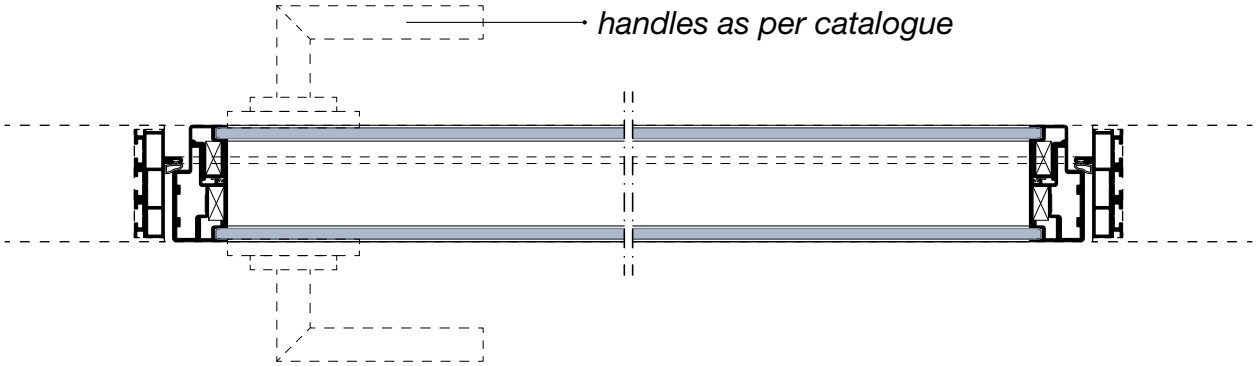
FRAMED DOUBLE-GLASS DOOR LEAF 70 mm thick

Flush door

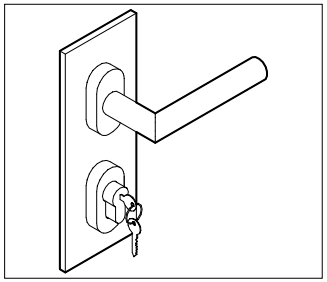


CHARACTERISTICS

01. pivot hinge
02. visible or concealed door closer
03. handle with glass adapter
04. recessed dust seal



FRAMED DOUBLE-GLASS DOOR LEAF 70 mm thick



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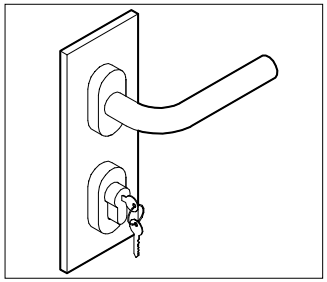

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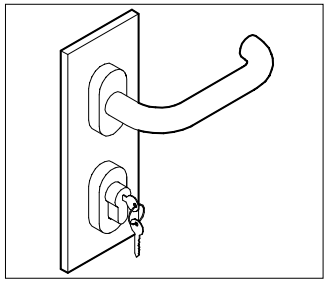

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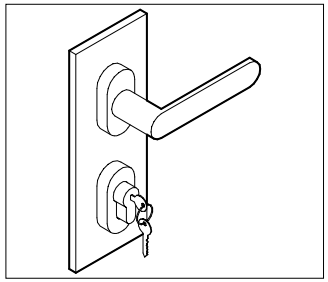

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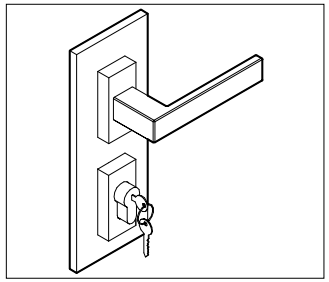

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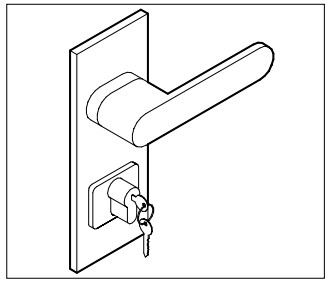

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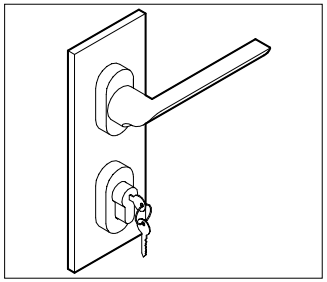

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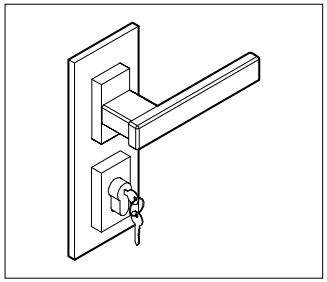

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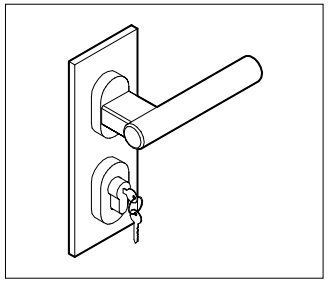
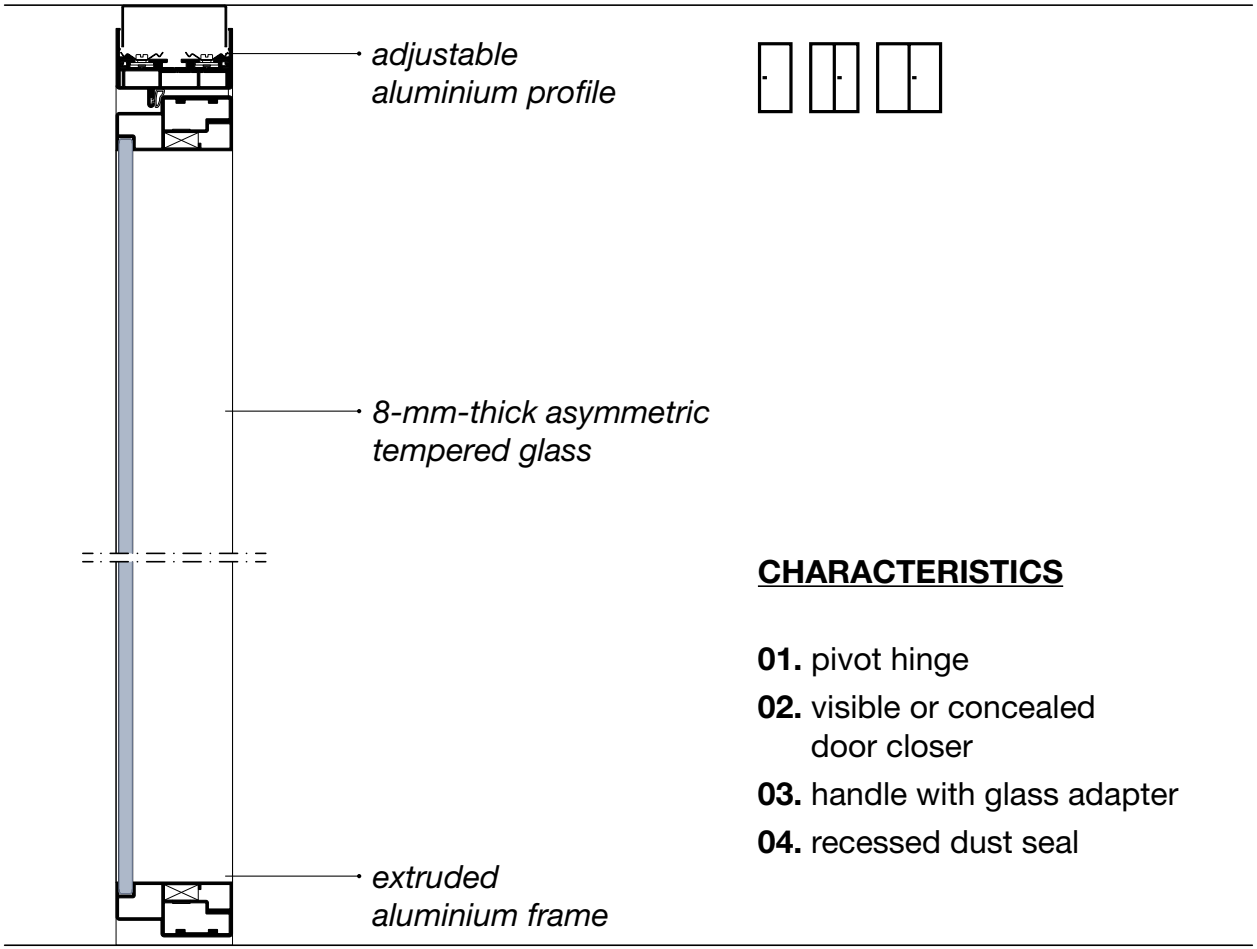


MLT

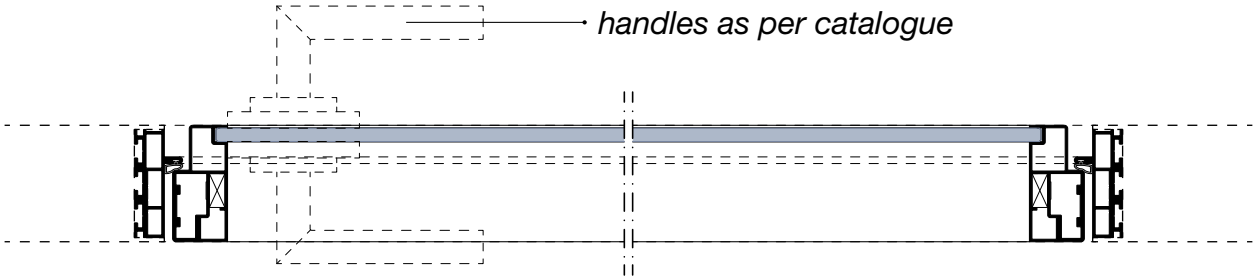
ASYMMETRIC FRAMED GLASS DOOR 70 mm thick

Flush door

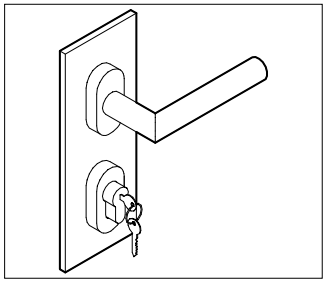


CHARACTERISTICS

01. pivot hinge
02. visible or concealed door closer
03. handle with glass adapter
04. recessed dust seal



ASYMMETRIC FRAMED GLASS DOOR 70 mm thick



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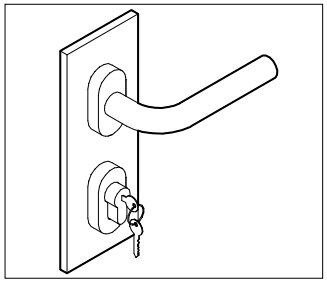

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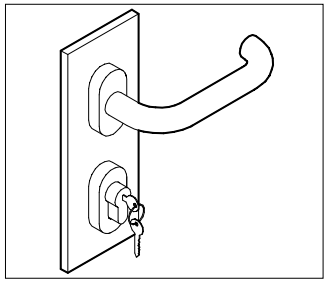

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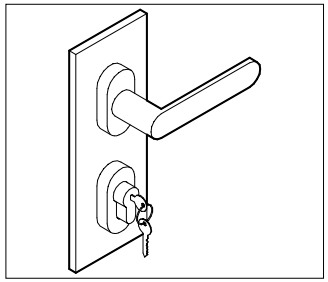

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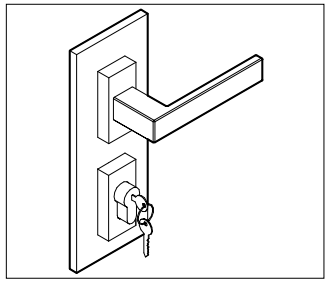

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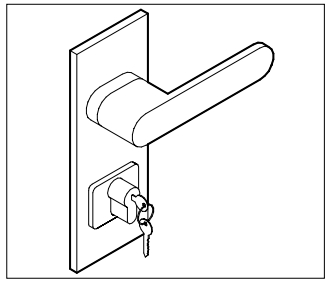

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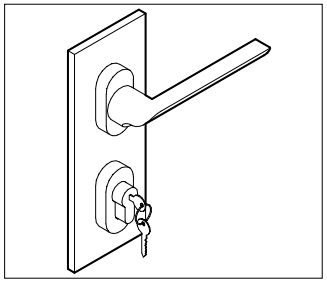

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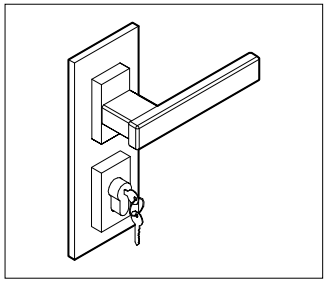

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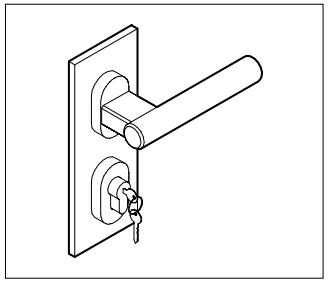
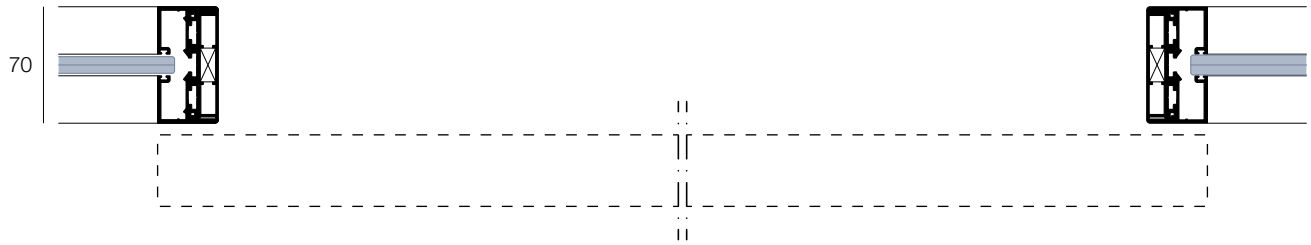


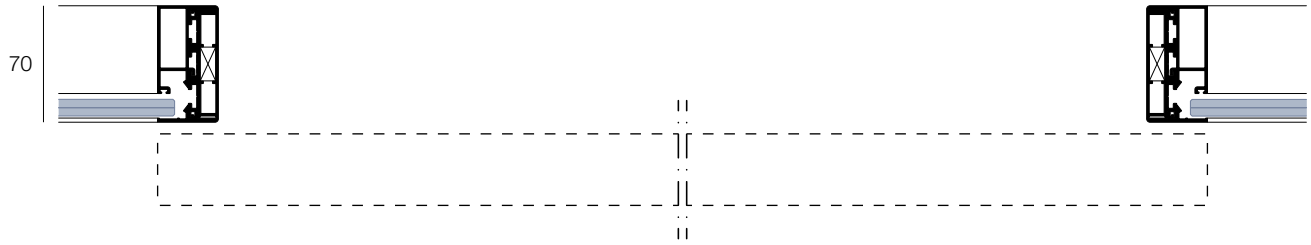
MLT

FRAMES FOR SLIDING DOORS

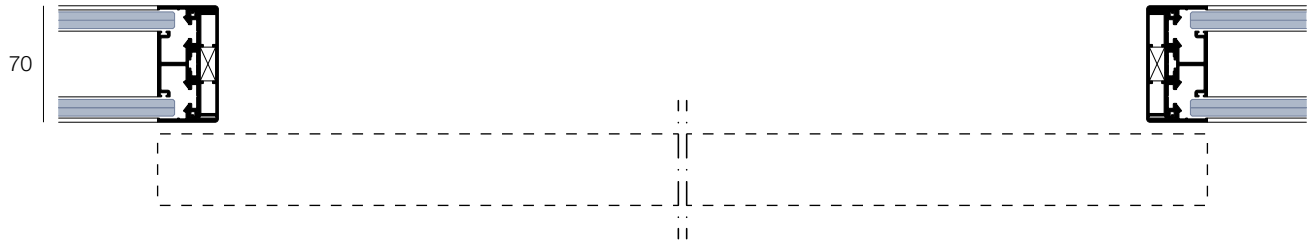
Door frame on **Ritmica D1**



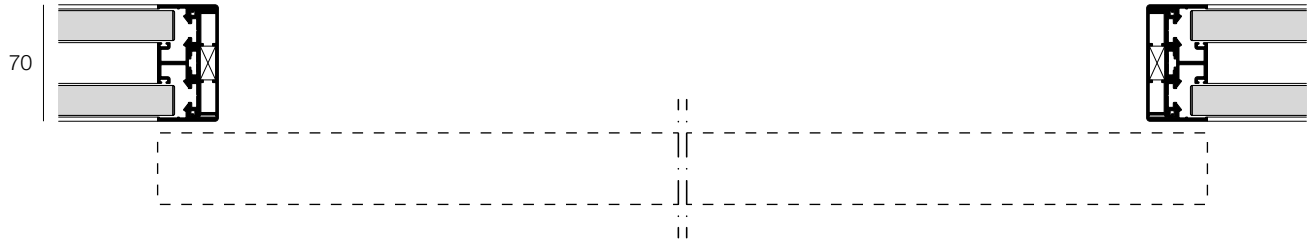
Door frame on **Ritmica DA**



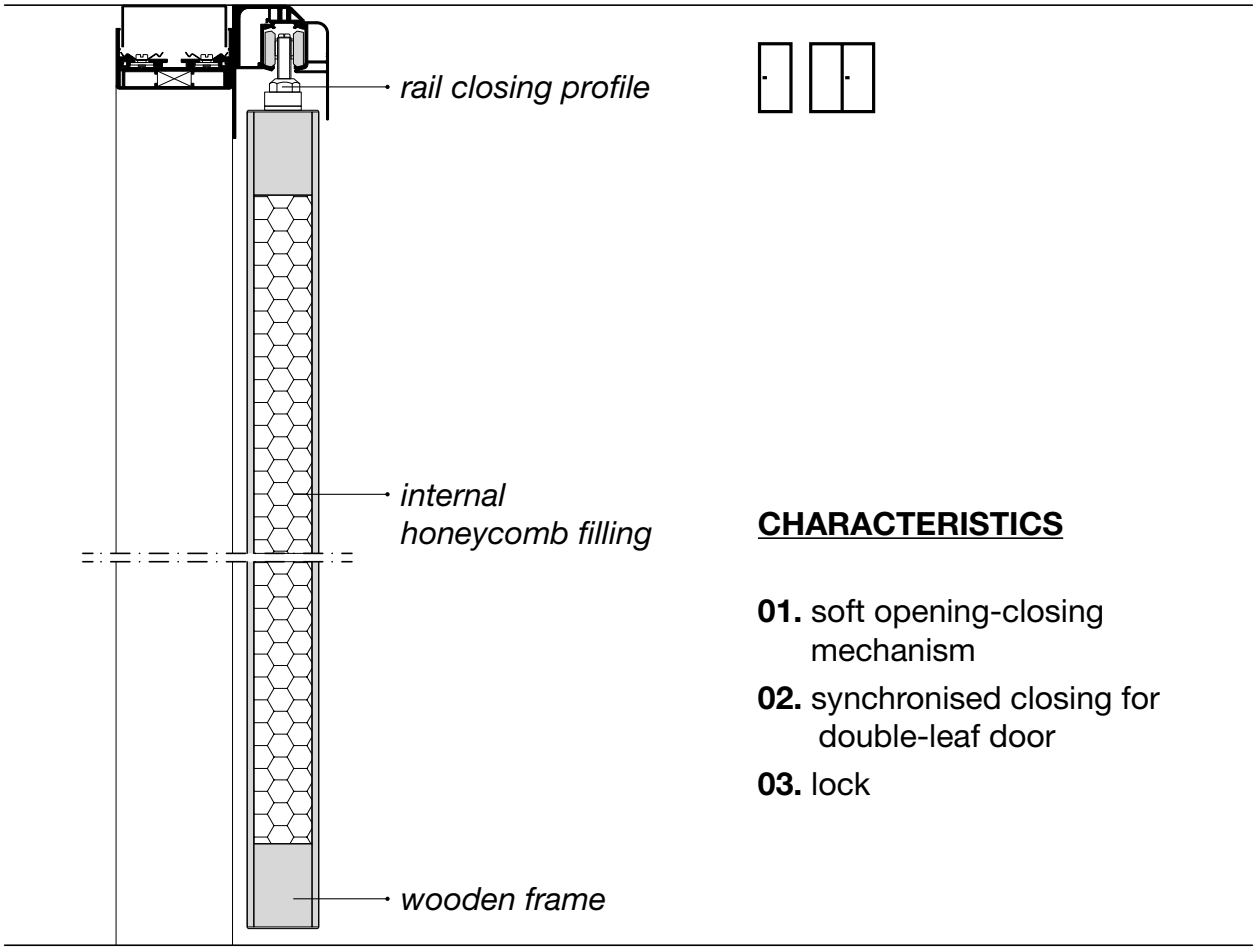
Door frame on **Ritmica D2**



Door frame on **Ritmica Solid**



SOLID DOOR LEAF 43 mm thick

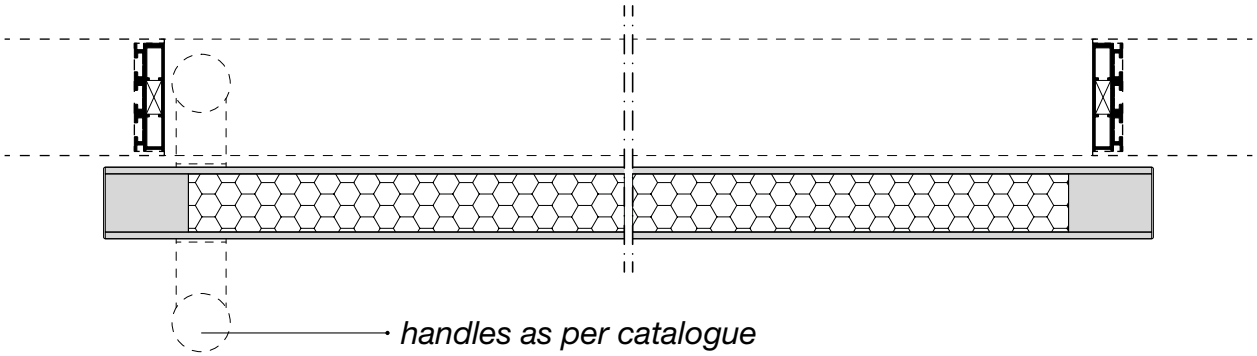


CHARACTERISTICS

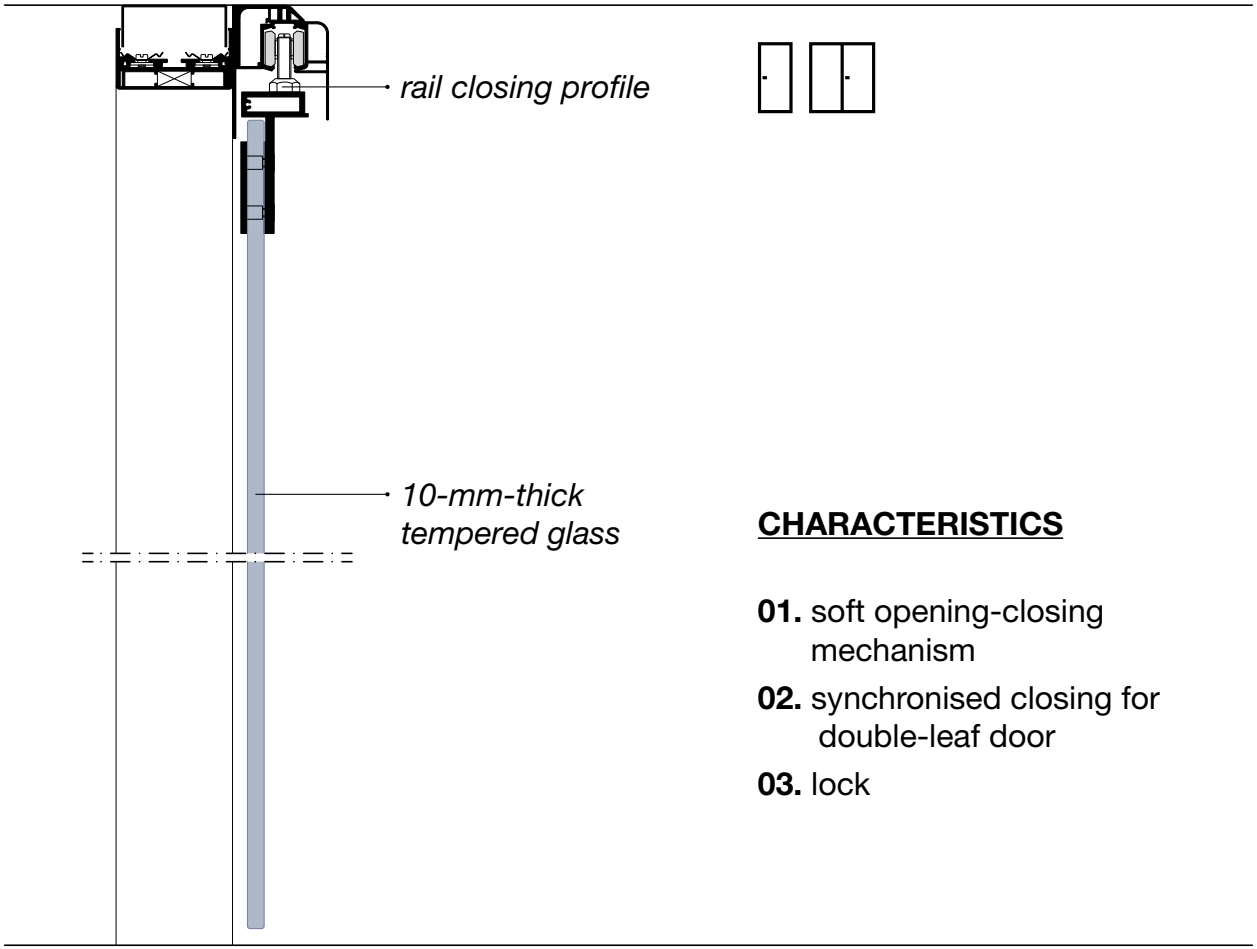
01. soft opening-closing mechanism

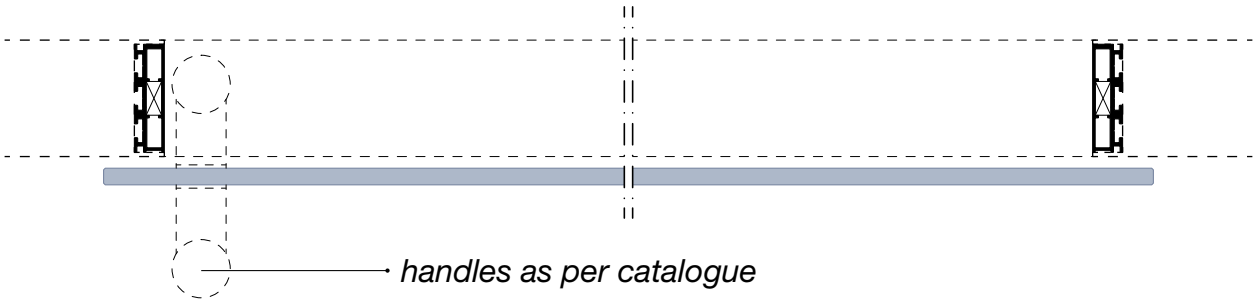
02. synchronised closing for double-leaf door

03. lock



TEMPERED GLASS DOOR LEAF 10 mm thick





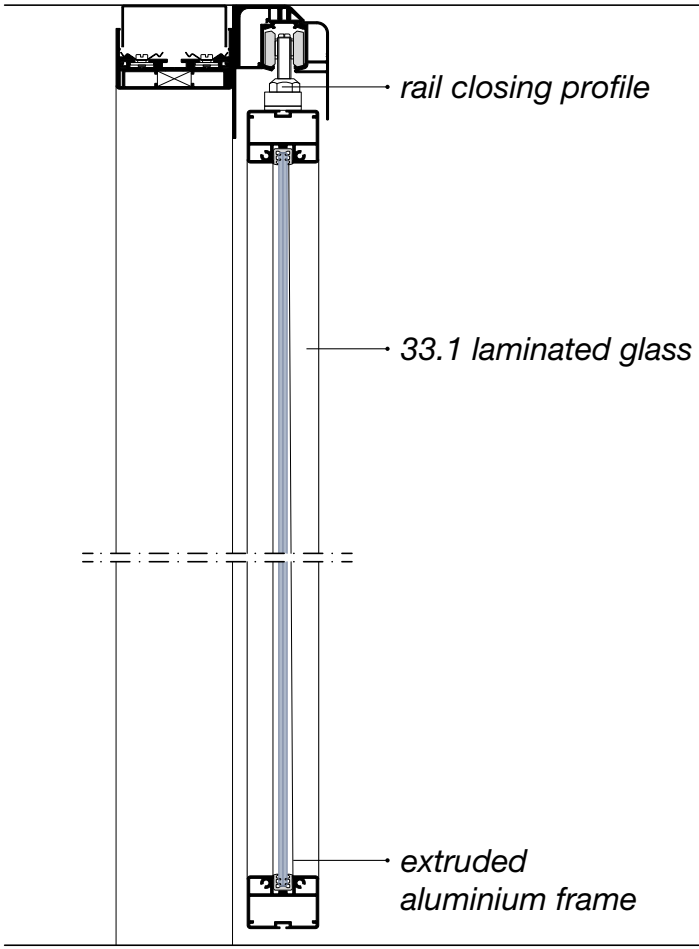
CHARACTERISTICS

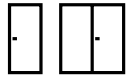
01. soft opening-closing mechanism

02. synchronised closing for double-leaf door

03. lock

LARGE FRAMED DOOR LEAF 43 mm thick



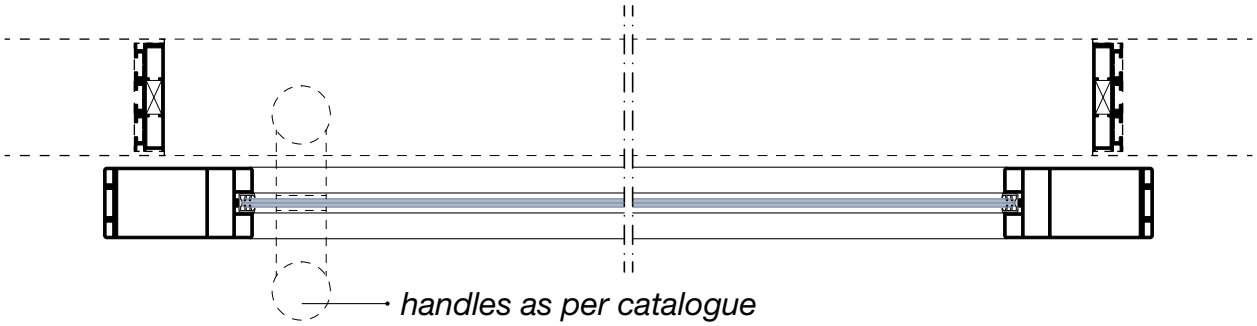


CHARACTERISTICS

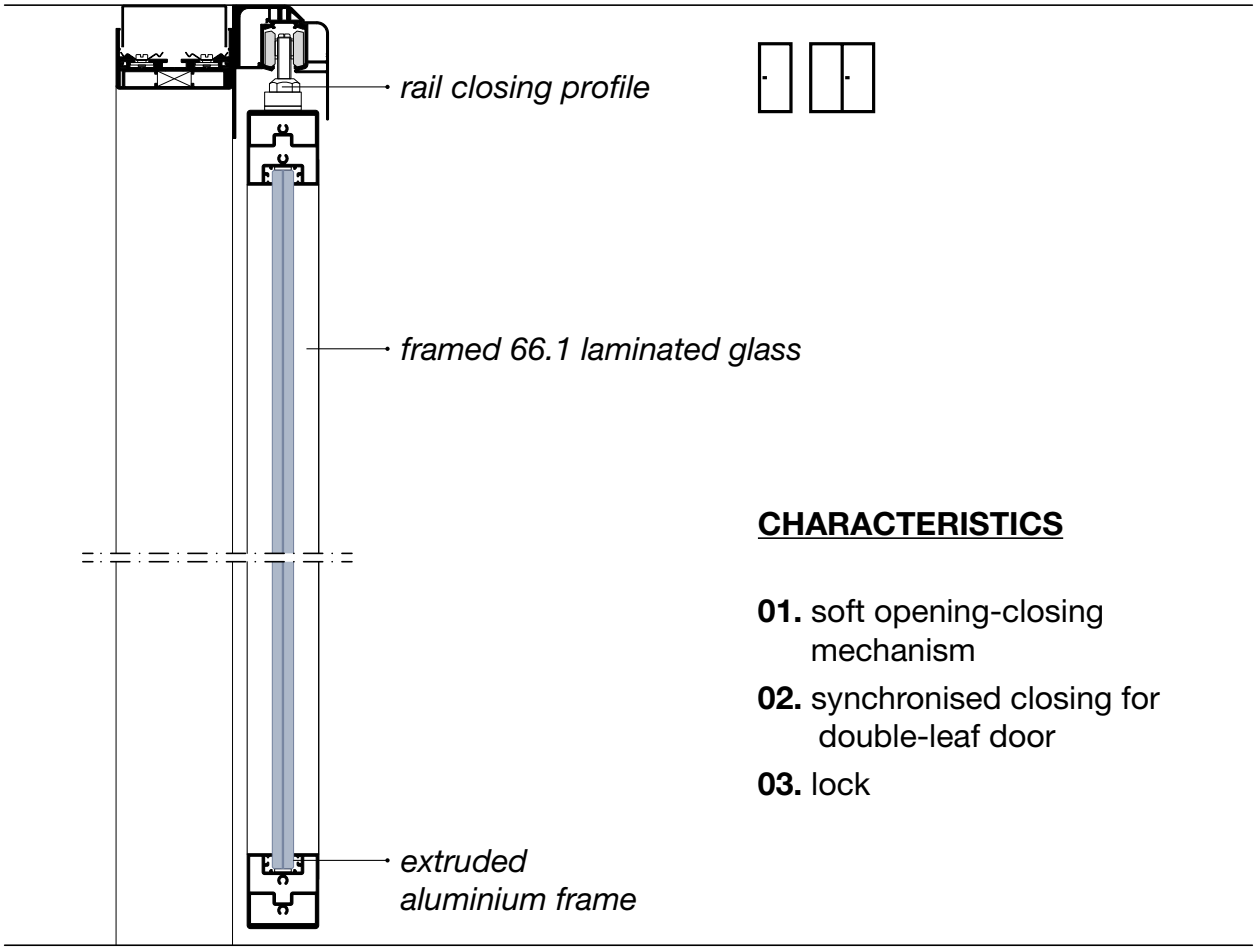
01. soft opening-closing mechanism

02. synchronised closing for double-leaf door

03. lock



MEDIUM FRAMED DOOR LEAF 43 mm thick

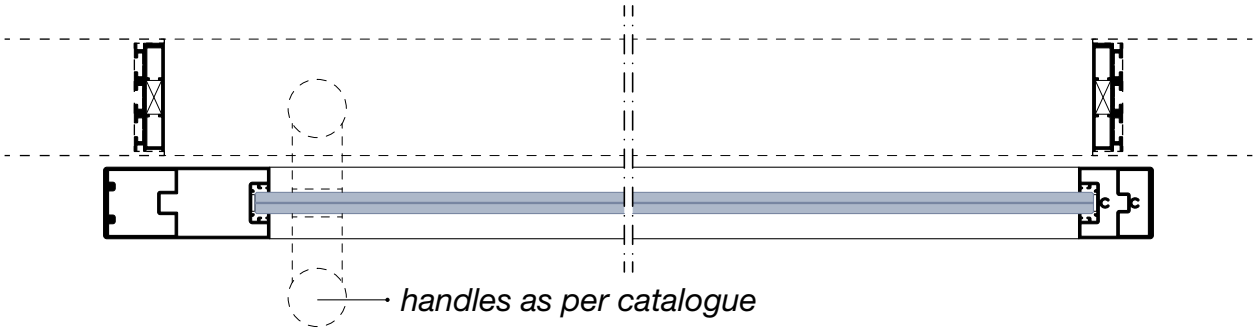


CHARACTERISTICS

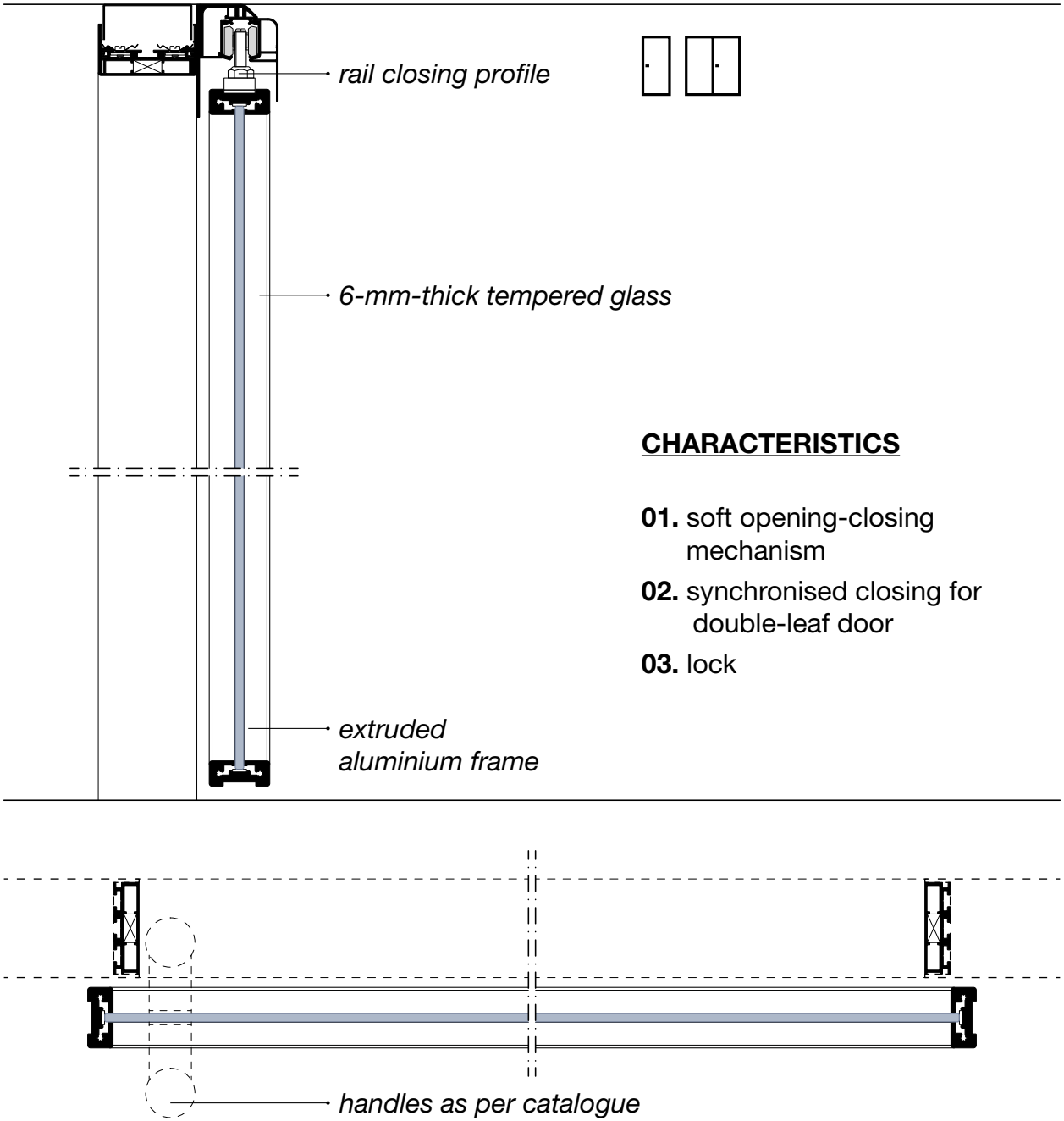
01. soft opening-closing mechanism

02. synchronised closing for double-leaf door

03. lock



THIN FRAMED DOOR LEAF 43 mm thick



CHARACTERISTICS

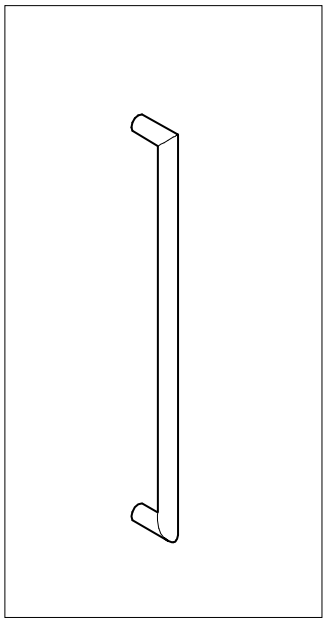
01. soft opening-closing mechanism

02. synchronised closing for double-leaf door

03. lock

Glass door

STEEL



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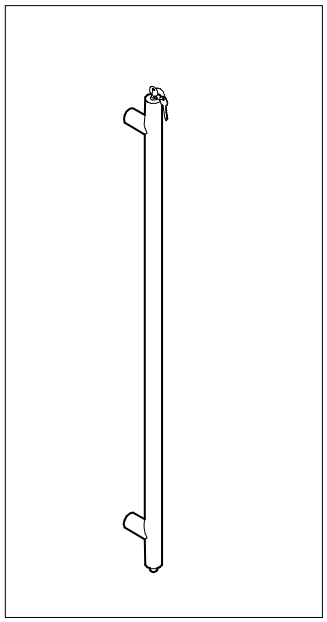

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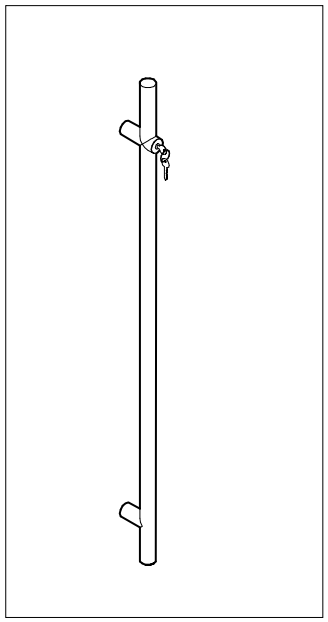

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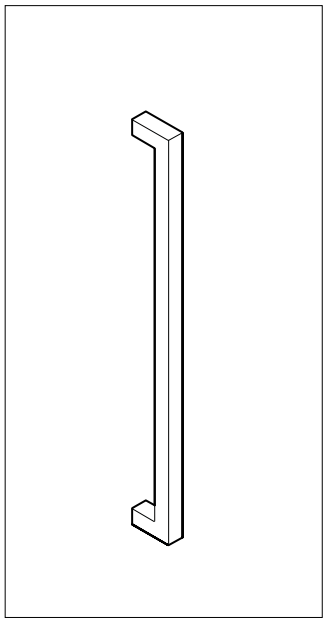

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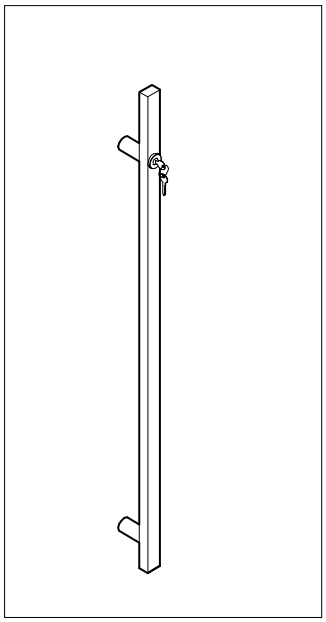

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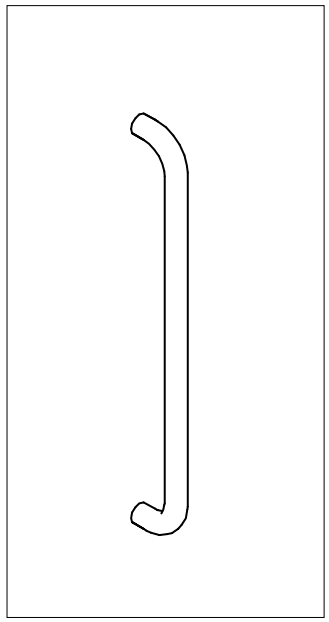

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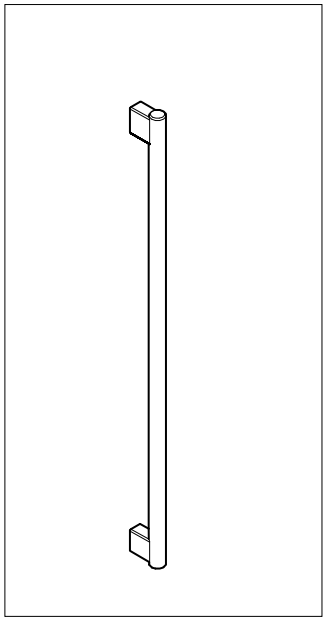

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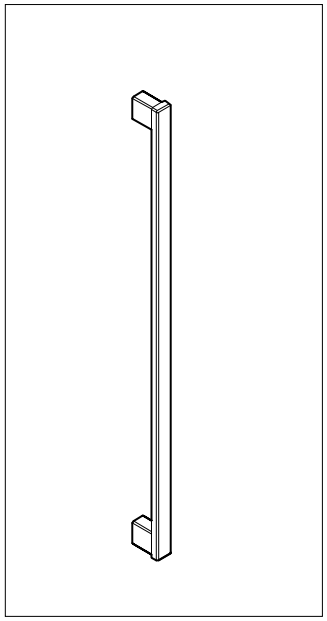

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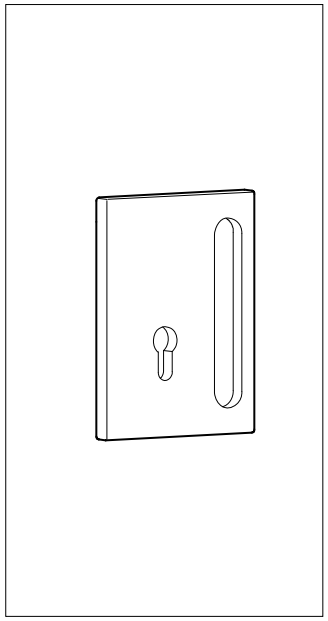

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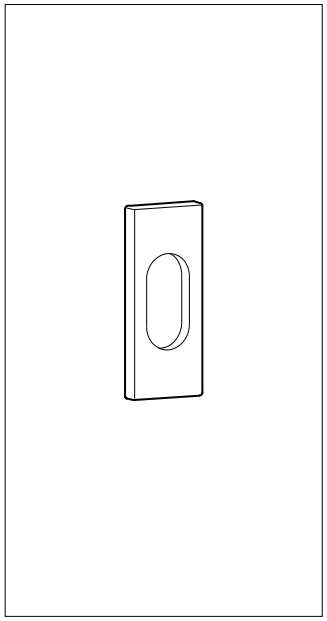
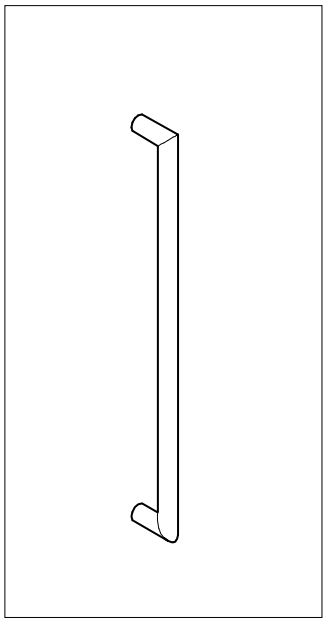


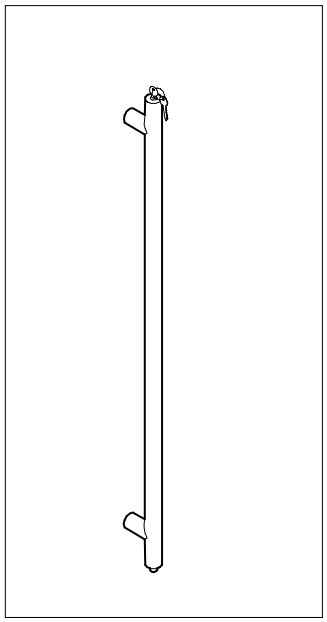
MPOM7

Solid door

STEEL



MPOMGH1_H2_H3



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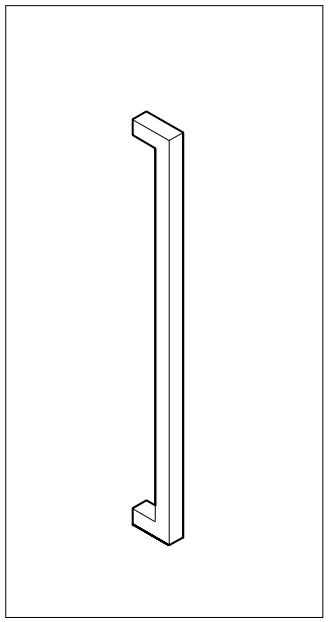
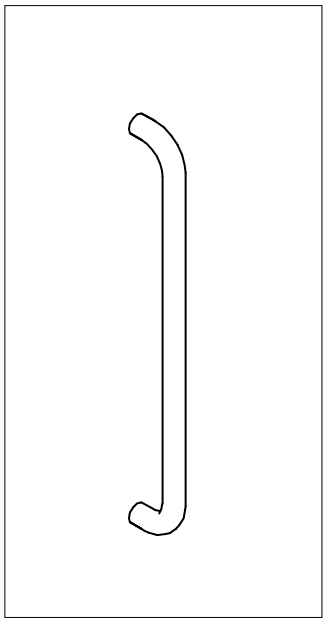
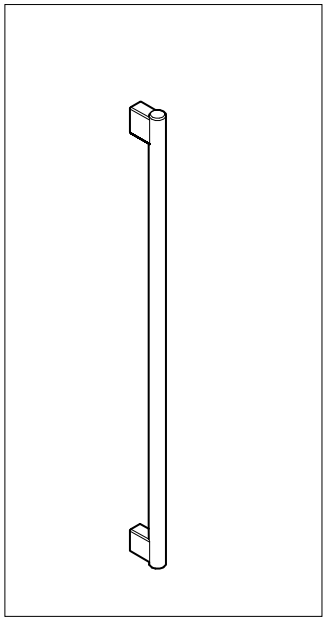


MPOMGH1Q_GH2Q_GH3Q



MPOM8

ALUMINIUM



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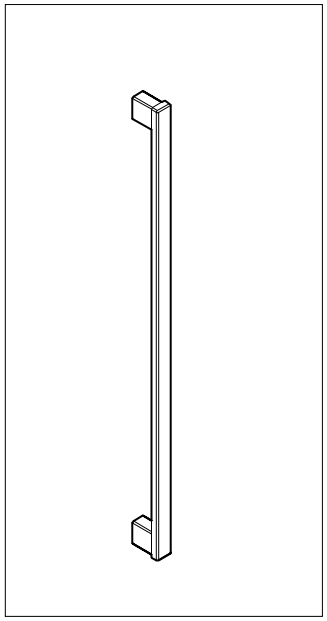
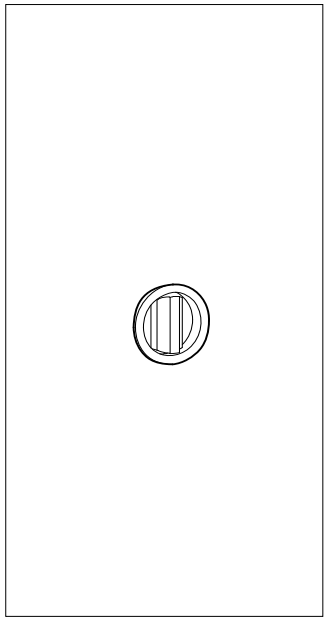
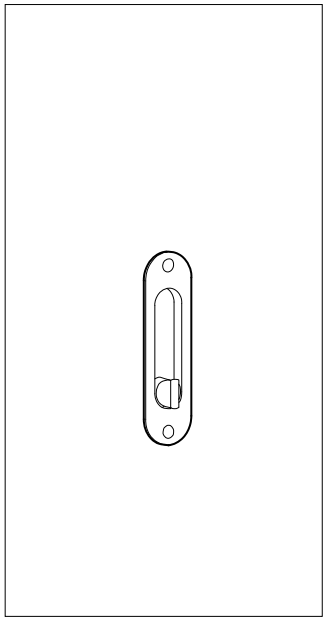


MPOMQH1_QH2



MPOM4

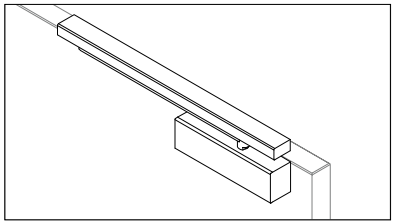


MPOM5

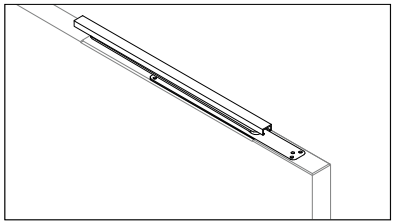
RITMICA®
ALUMINIUM

Accessories

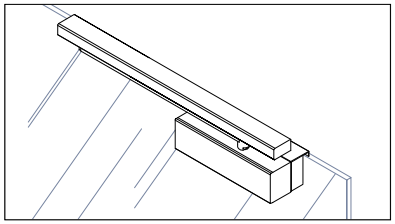
Overhead door closer



01 external sliding closer
for framed/solid door

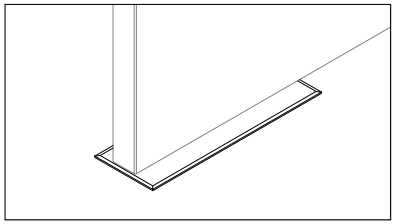


02 concealed closer
for framed/solid door

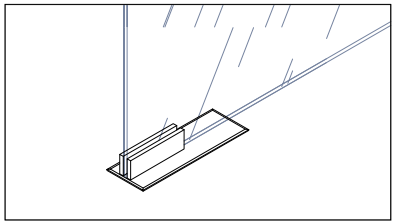


03 external sliding closer
for tempered glass door

Floor-mounted door closer

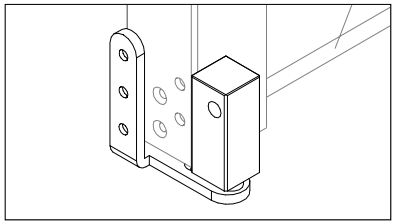


01 floor-mounted
for solid door

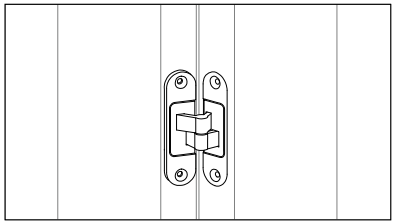


02 floor-mounted
for tempered glass door

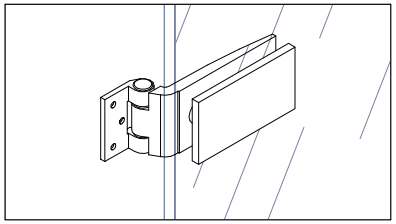
Aluminium hinges



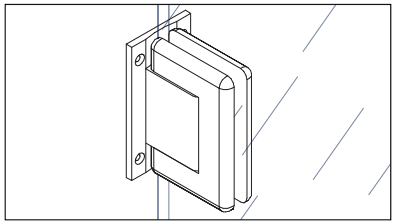
01 external pivot closer
for framed/solid door



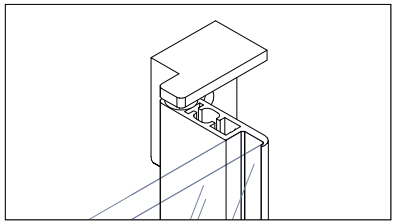
02 concealed
for framed/solid door



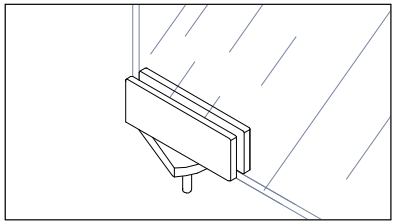
03 180° opening
for tempered glass door



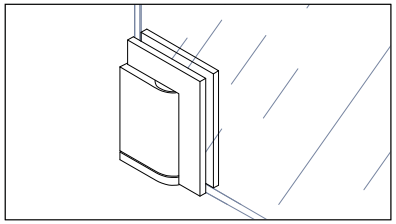
04 two-way hinge with adjustable speed
for tempered glass door



05 full-height hinge
for tempered glass door

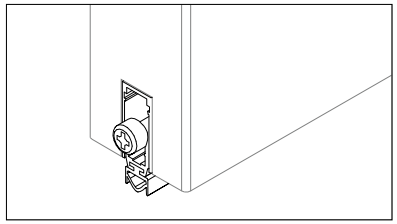


06 two-way hinge with adjustable speed
for tempered glass door

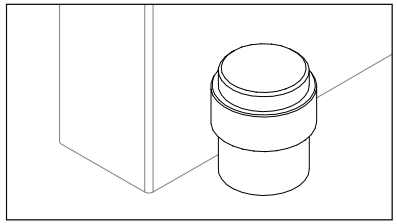


07 two-way hinge with adjustable speed
for tempered glass door

Accessories



01 concealed soundproofing draft stopper
for framed/solid door



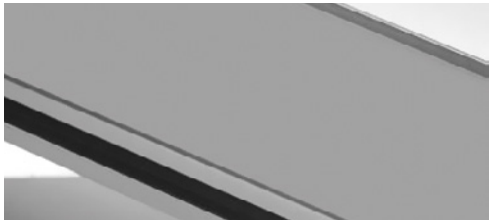
02 door stopper
for solid/framed/tempered glass door

RITMICA®
ALUMINIUM

Finishes

Frame

Anodised



01 Natural aluminium

02 Bronze

03 Custom colour

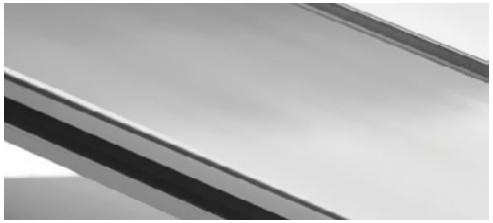
RAL Finishes

01 White

02 Black

03 Custom colour

Polish



01 Shine

Wood

01 Light oak

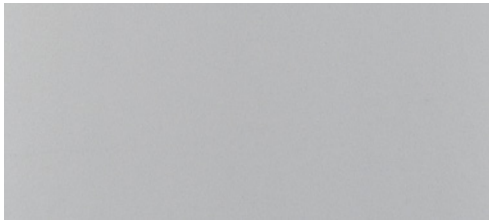
02 Dark oak

Solid panels

CAT. 1

055 Graphite black

420 Gunmetal



418 Ash grey

419 Light grey

393 Dove grey

417 Vanilla

429 Warm white

428 Cold white

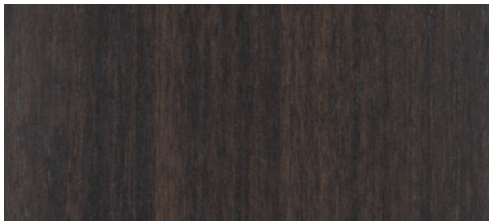
CAT. 2

422 Silver

423 Champagne

Woods

CAT. 1



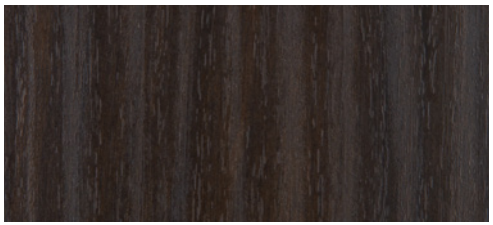
421 Eucaliptus

426 Mid-tone oak

274 Acacia

416 Streaked white

CAT. 2



425 Dark walnut

318 Mid-tone walnut

427 Light walnut

382 Natural oak

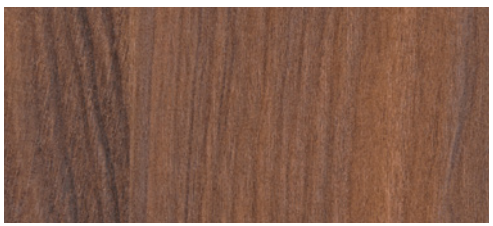
CAT. 3

138 Aged saw-cut oak

197 Saw-cut eucaliptus

408 Grey oak

400 Danube oak



414 Red walnut

412 Vintage oak

413 Champagne oak

410 Light oak

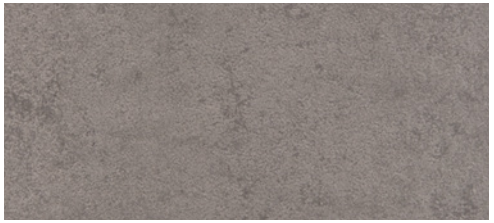
Textures

CAT. 2

304 Dark-tone fabric

123 Mid-tone fabric

305 Light-tone fabric

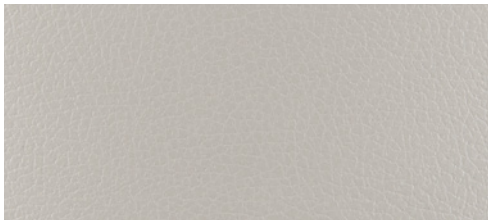


424 Oxide

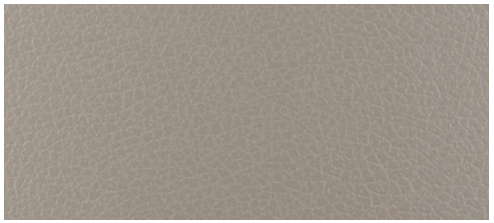
CAT. 3

385 Bronze linen

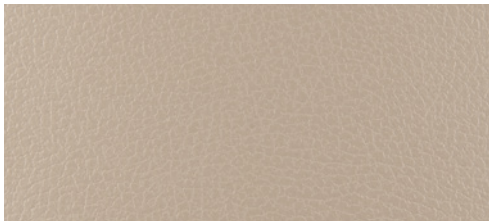
409 Bark



406 Primo fiore grey



405 Primo fiore dove grey



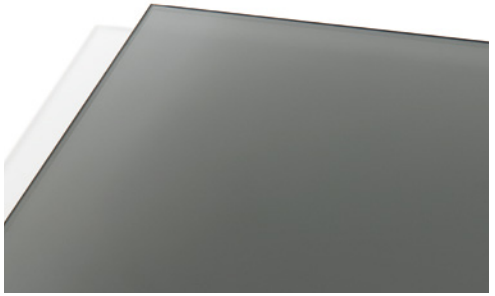
404 Primo fiore beige

415 Desert

Glass

01 Clear

03 Satin



05 Smoked

02 Extra light

04 Bronze

06 Custom painted

RITMICA®
ALUMINIUM

Technical specifications

Technical specifications

RITMICA® ALUMINIUM is a family of **70-mm-thick** partition walls that has a separating function, supplied **in four versions** that vary in the number or type of glass and solid panels.

VERSIONS

RITMICA® D1
Rectangular-section guide profile for single glass, thickness: 55.1 - 55.2a - 66.1 - 66.2a - 10 mm - 12 mm

RITMICA® DA
Rectangular-section guide profile for single asymmetric glass, thickness: 55.1 - 55.2a - 66.1 - 66.2a - 10 mm - 12 mm

RITMICA® D2
Rectangular-section guide profile for double glass, thickness: 55.1 - 55.2a - 66.1 - 66.2a - 10 mm - 12 mm

RITMICA® SOLID
Rectangular-section guide with double 18-mm-thick particle-board solid panels

GENERAL DESCRIPTION

The wall, that has a total thickness of 70 mm, is made of an **extruded aluminium alloy 6060 UNI 9006/1** structure (floor and ceiling rails, uprights, wall-end uprights) designed to accommodate safety-glass closing panels and solid panels or other monolithic materials as requested by the customer.

The floor and ceiling **rails** and wall profiles allow for perfect levelling of the wall both horizontally and vertically, as well as excellent sealing against existing walls.

The perfect **junction** between guide profiles, in two- or three-way versions, is ensured by aluminium corner elements, mechanically anchored.

The system is equipped with fixed **corner profiles**, and aluminium **intermediate** profiles whose function is to increase the mechanical resistance of the panels at the junctions and improve their closure.

Two-way and three-way polycarbonate **linear connection** elements are added to these junctions.

The two options of glass thicknesses allow different levels of noise reduction, to meet project-specific requirements.

Technical specifications

The solid version is made of melamine-finished 18-mm-thick panels with an insulating core that provides excellent sound absorption.

Doors can be either hinged or sliding (external), and can be supplied at both wall height or standard height.
Both types of doors can be single-leaf or double-leaf.

Hinged doors can be made of wood, framed single glass or double glass, or glass only; the framed version allows for the installation of recessed overhead door closers and lower acoustic dust seals; on the glazed version only an external door closer can be installed.

The **sliding version** can be made of wood, single framed glass or flush glass. Correct sliding is ensured by soft-stop mechanisms for closing and opening the doors.

The 43-mm-thick **honeycomb-core wood door** has an internal honeycomb structure inserted in a firwood perimeter frame and fibreboard panels on both sides, finished with HPL laminate edged and ABS edges. Thickness=10/10 mm.

The **framed glass door** has perimeter extruded profiles in 6060 UNI 9006/1 aluminium alloy, of different width, and an internal tempered or laminated glass (3+3 mm), clear or frosted.

Wooden or framed-glass doors are supplied with different types of hinges: external pivot hinges with 180° opening; hinges concealed in the frame, hinges adjustable on three axes, with 180° opening.

The **glass door** is made with a 10-mm-thick tempered glass panel, with clear or frosted finish.
The hinges provided for flush doors can be: in die-cast aluminium, with 110° or 180° opening;
aluminium or steel pivot hinges, with 180° opening; aluminium or steel linear hinges, with 180° opening.

Door frames are made of extruded aluminium telescopic profiles. For dimensional and resistance reasons they cannot receive switches or sockets. To allow for adequate **cable management** inside the wall, a **utility module** is provided to facilitate the installation of switches, sockets, thermostats, alarm sensors and other dimensionally compatible equipment.

Doors can be matched to a **wide range of standard handles** that can be further expanded thanks to the use of locks with a universal plate, suitable for the installation of out-of-catalogue items.

These walls can be perfectly **integrated** with the Quadra storage system.

RITMICA D1 acoustic and mechanical tests

01. Single glass partition 55.1 (laminated 5+5+pvb 0.38) - Acoustic test -
Certificate no. 355026 IT/EN -UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

02. Single glass partition 55.2a (laminated 5+5+0.76) - Acoustic test -
Certificate no. 355028 IT/EN - UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

03. Single glass partition 66.1 (laminated 6+6+pvb 0.38) - Acoustic test -
Certificate no. 355030 IT/EN - UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

04. Single glass partition 66.2a (laminated 6+6+0.76) - Acoustic test -
Certificate no. 355032 IT/EN - UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

05. Single glass partition 55.1 - Mechanical test -
Certificate no. 356913 IT/EN ETAG GUIDE 003:2012 and UNI ISO 7892:1990

RITMICA D2 acoustic and mechanical tests

01. Double glass partition 55.1 (laminated 5+5+pvb 0.38) - Acoustic test -
Certificate no. 355027 IT/EN - UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

02. Double glass partition 55.2a (laminated 5+5+pvb 0.76) - Acoustic test -
Certificate no. 355029 IT/EN - UNI EN ISO 10140-2:2010 and UNI EN ISO 717-1:2013

03. Double glass partition 66.1 (laminated 6+6+pvb 0.38) - Acoustic test -
Certificate no. 355031 IT/EN - UNI EN ISO 10140-2: 2010 and UNI EN ISO 717-1: 2013

04. Double glass partition 66.2a (laminated 6+6+pvb 0.76) - Acoustic test -
Certificate no. 355033 IT/EN - UNI EN ISO 10140-2:2010 and UNI EN ISO 717-1:2013

05. Double glass partition 55.1 - Mechanical test -
Certificate no. 356912 IT/EN ETAG GUIDE 003:2012 and UNI ISO 7892:1990

RITMICA SOLID acoustic and mechanical tests

01. Solid wall with double 18-mm panel - Acoustic test -
Certificate n. 355034 IT/EN - UNI EN ISO 10140-2:2010 and UNI EN ISO 717-1:2013

02. Solid wall with double 18-mm panel - Mechanical test -
Certificate no. 356914 IT/EN ETAG GUIDE 003:2012 and UNI ISO 7892:1990

RITMICA DOORS acoustic and mechanical tests

01. Framed door -70-mm - double 6-mm glass - Acoustic test -
Certificate no. 355044 IT/EN - UNI EN ISO 10140-2:2010 and UNI EN ISO 717-1:2013

02. 70-mm famed door - double glass 6 mm - Mechanical test -
Certificate no. 356931 IT/EN ETAG GUIDE 003:2012 and UNI ISO 7892:1990

ETOILE

Etoile s.r.l. - Società Unipersonale

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