



 ETOILE

**METRICA®**  
STRUCTURAL

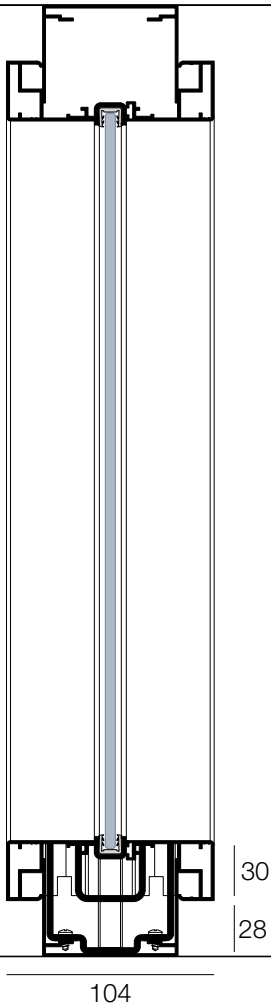
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**Metrica Structural is an interior  
movable fitted **wall system**,  
available in **four** formally **different solutions**.**



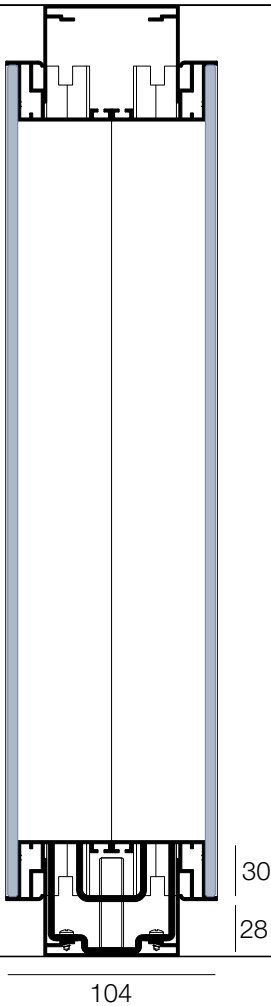
**METRICA® R**  
squared profile



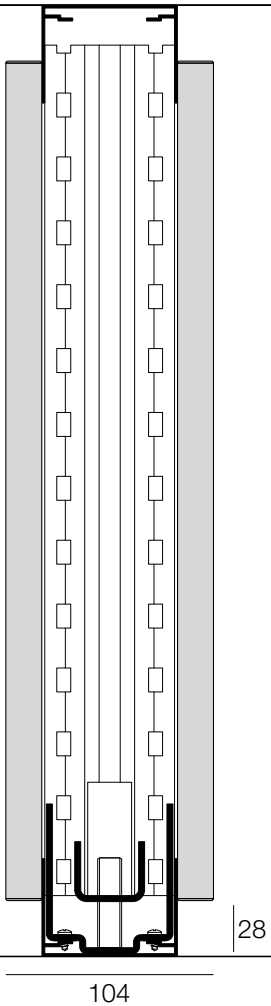
**METRICA® V**  
framed double glazing



**METRICA® S**  
flush double glazed partition



**METRICA® SOLID**  
solid double panels 18 mm







## CHARACTERISTICS

- 01.** Thickness: 104 mm
- 02.** Supporting structure in UNI EN 10143 zinc-plated sheet
- 03.** Partition panels mounted vertically or horizontally
- 04.** Panels with width 500/1000/1500/2000 mm
- 05.** 32-pitch panel rack
- 06.** 3 versions of glass walls - single central glass, double framed glass, double flush glass with screen-printing on four sides
- 07.** 1 solid wall in melamine - finished panels, thickness: 18 mm
- 08.** 2 thicknesses can be used for safety-glass or acoustic modules
- 09.** Fixed or adjustable corner profiles, 2-, 3- or 4-way junctions
- 10.** Door frame with cable routing
- 11.** Inspectable utility module
- 12.** 9 versions of hinged doors - solid, tempered glass and framed
- 13.** 2 versions of internal sliding doors - solid and tempered glass
- 14.** 5 versions of external sliding doors - solid, tempered glass and framed

**METRICA® R**

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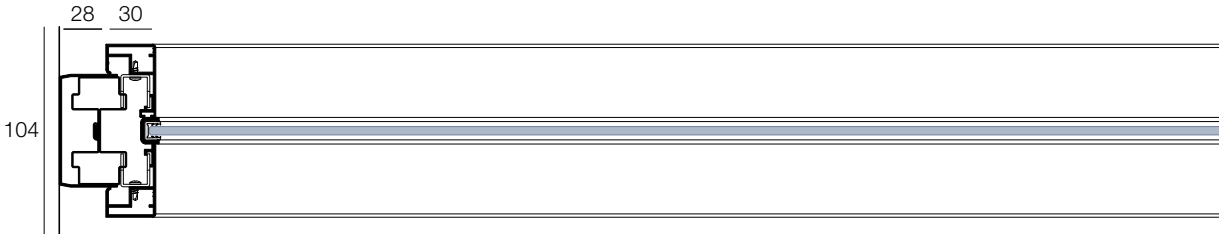
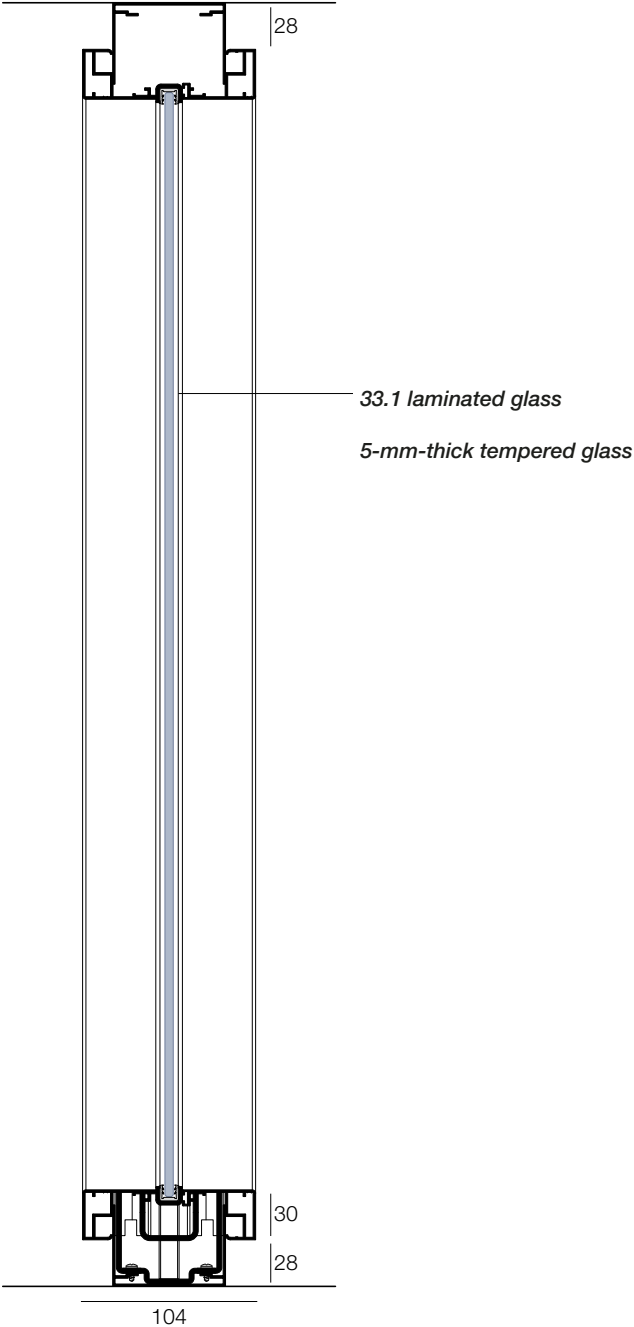


- 01.** Thickness: 104 mm
- 02.** Supporting structure in UNI EN 10143 zinc-plated sheet
- 03.** Partition panels mounted vertically or horizontally
- 04.** Panels with width 500/1000/1500/2000 mm
- 05.** Single central glass - 33.1 laminated glass or 5-mm-thick tempered glass
- 06.** Fixed or adjustable corner profiles, 2-, 3- or 4-way junctions
- 07.** Door frame with cable routing
- 08.** Inspectable 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

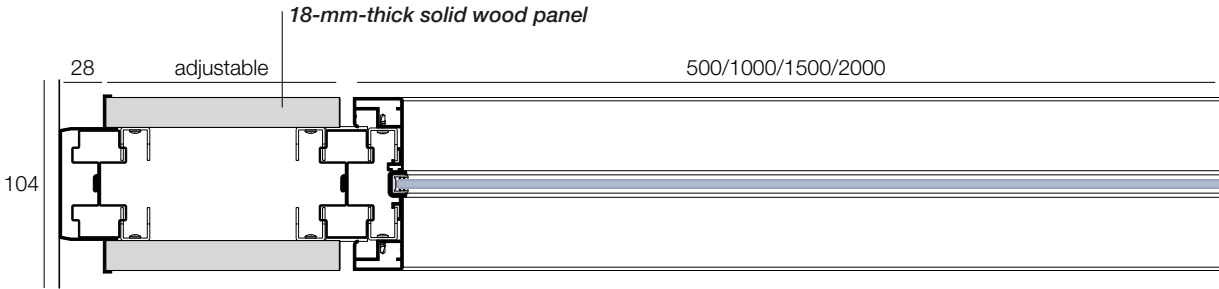
- 01.** Vertical 33.1 laminated glass - **33 dB**
- 02.** Horizontal 33.1 laminated glass from **25 dB** to **36 dB**
- 03.** Vertical 33.1 laminated glass + solid panel from **30 dB** to **38 dB**



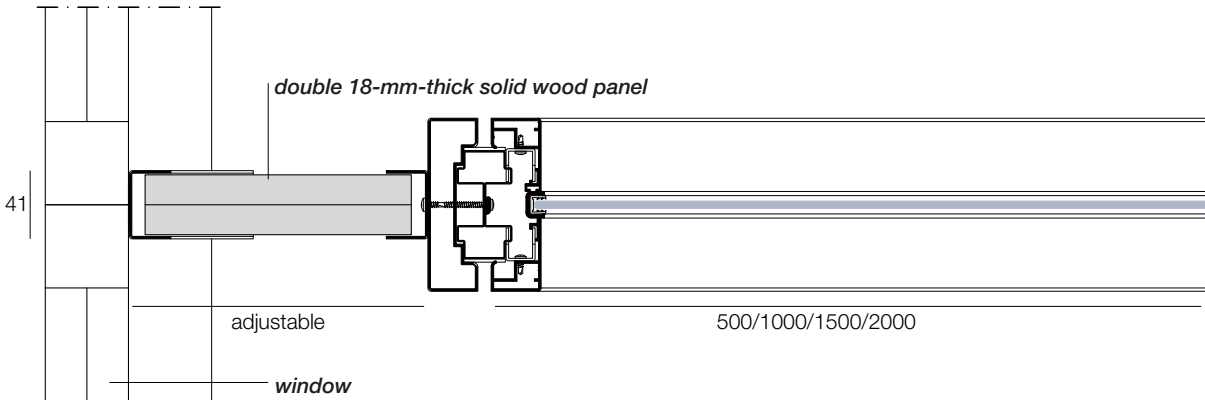
Wall-end uprights



Adjustable wall-end upright

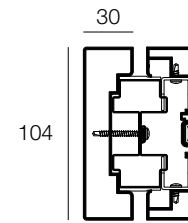


Upright from wall-end compensation panel

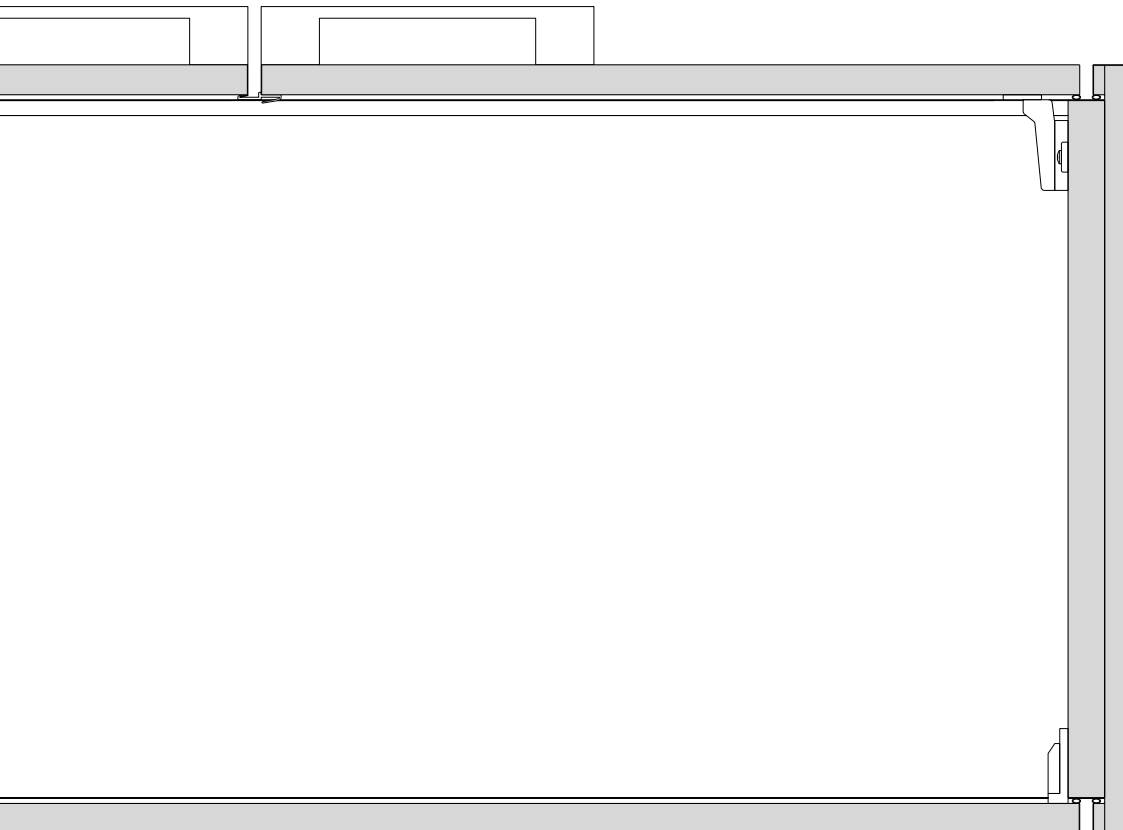


Wall-end upright

## Wall-end uprights

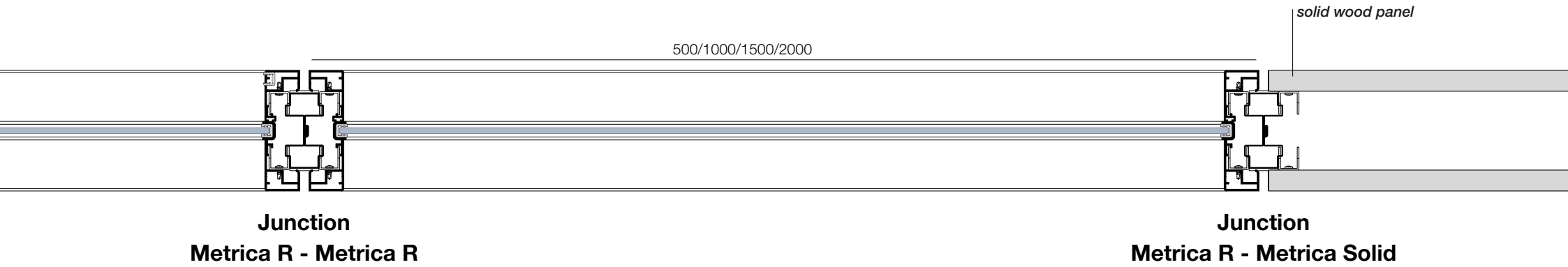


End profile

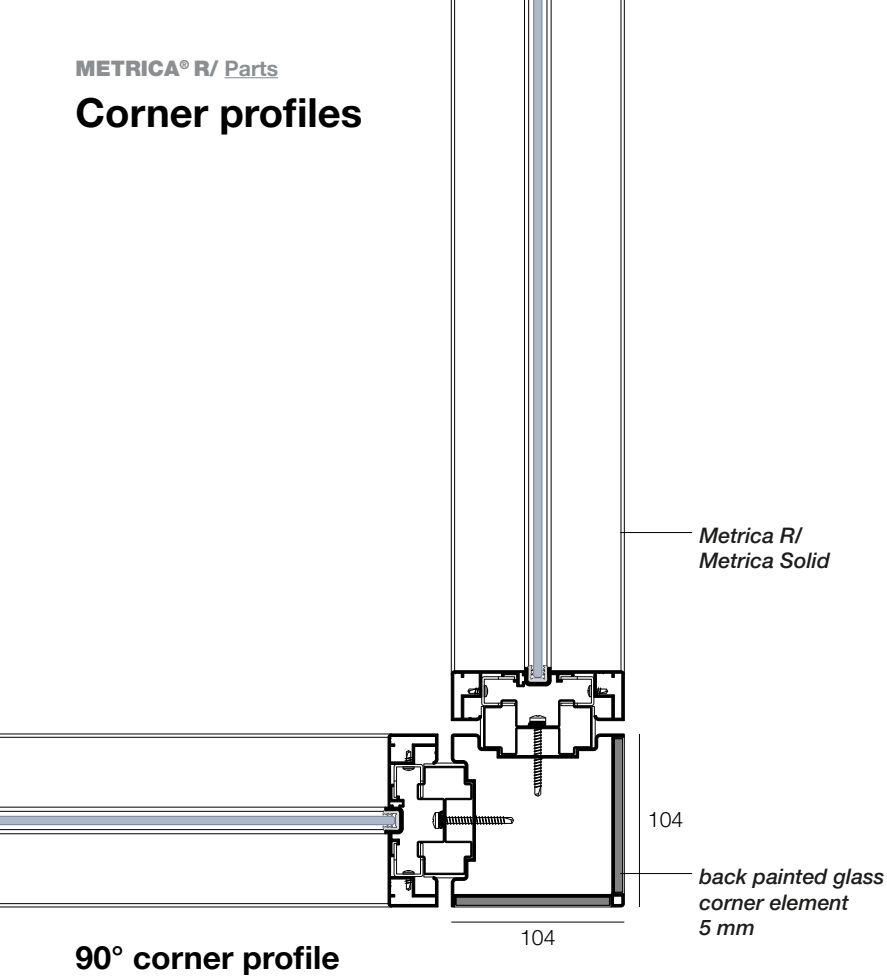


Storage-end upright

Junction profiles

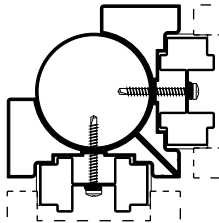


Corner profiles

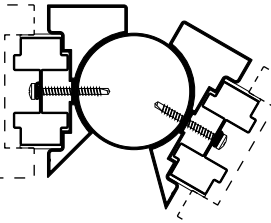


90° corner profile

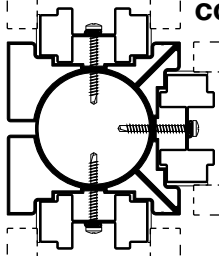
Two-way  
corner junction



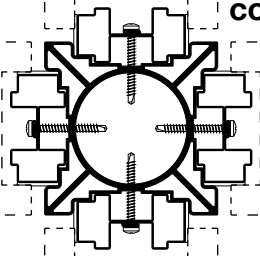
Adjustable angle



Three-way  
corner junction



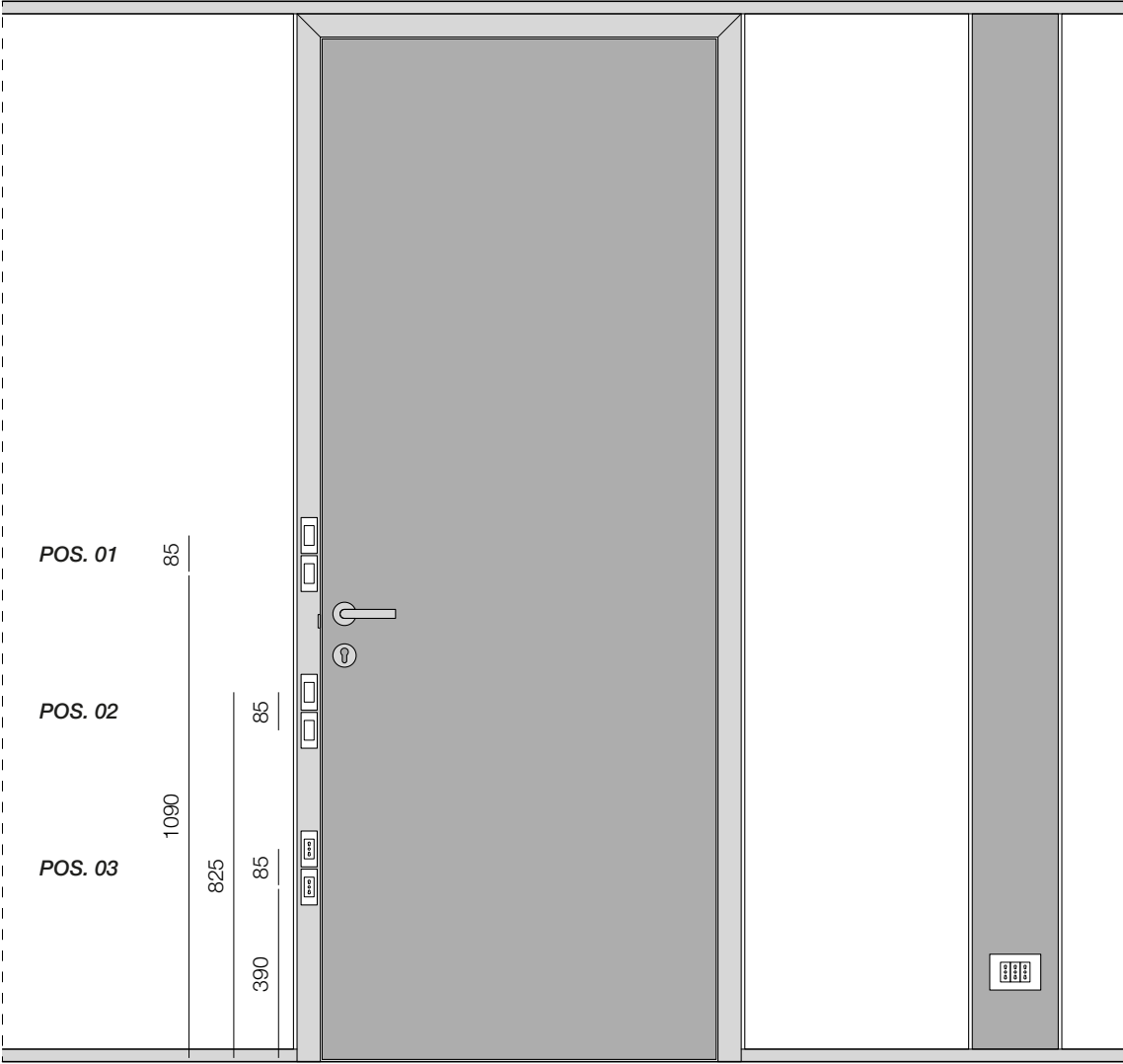
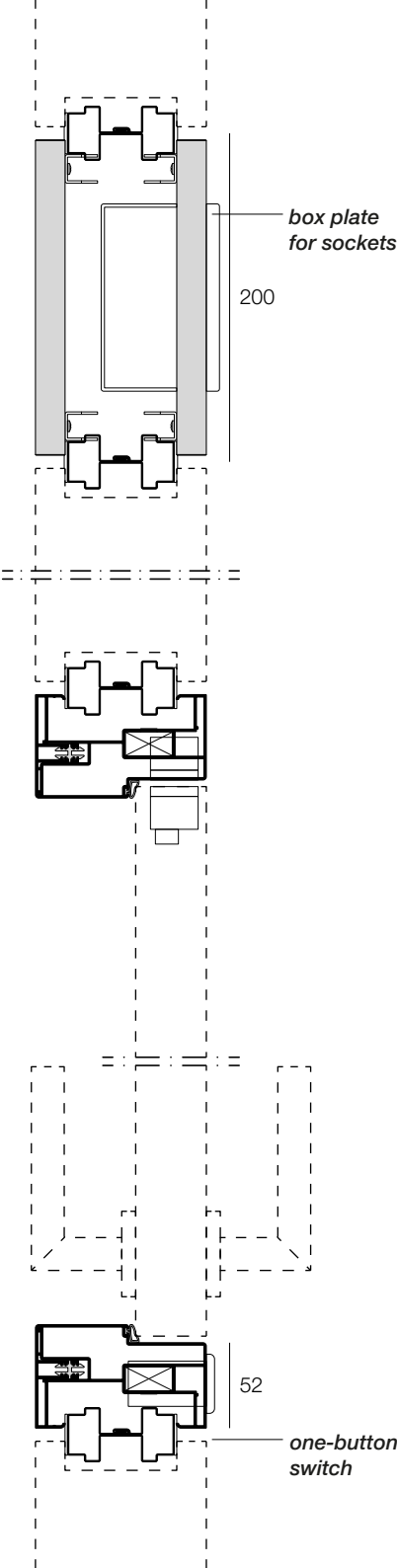
Four-way  
corner junction



Cabling and utility module  
for hinged doors

Utility module

Cabling solution

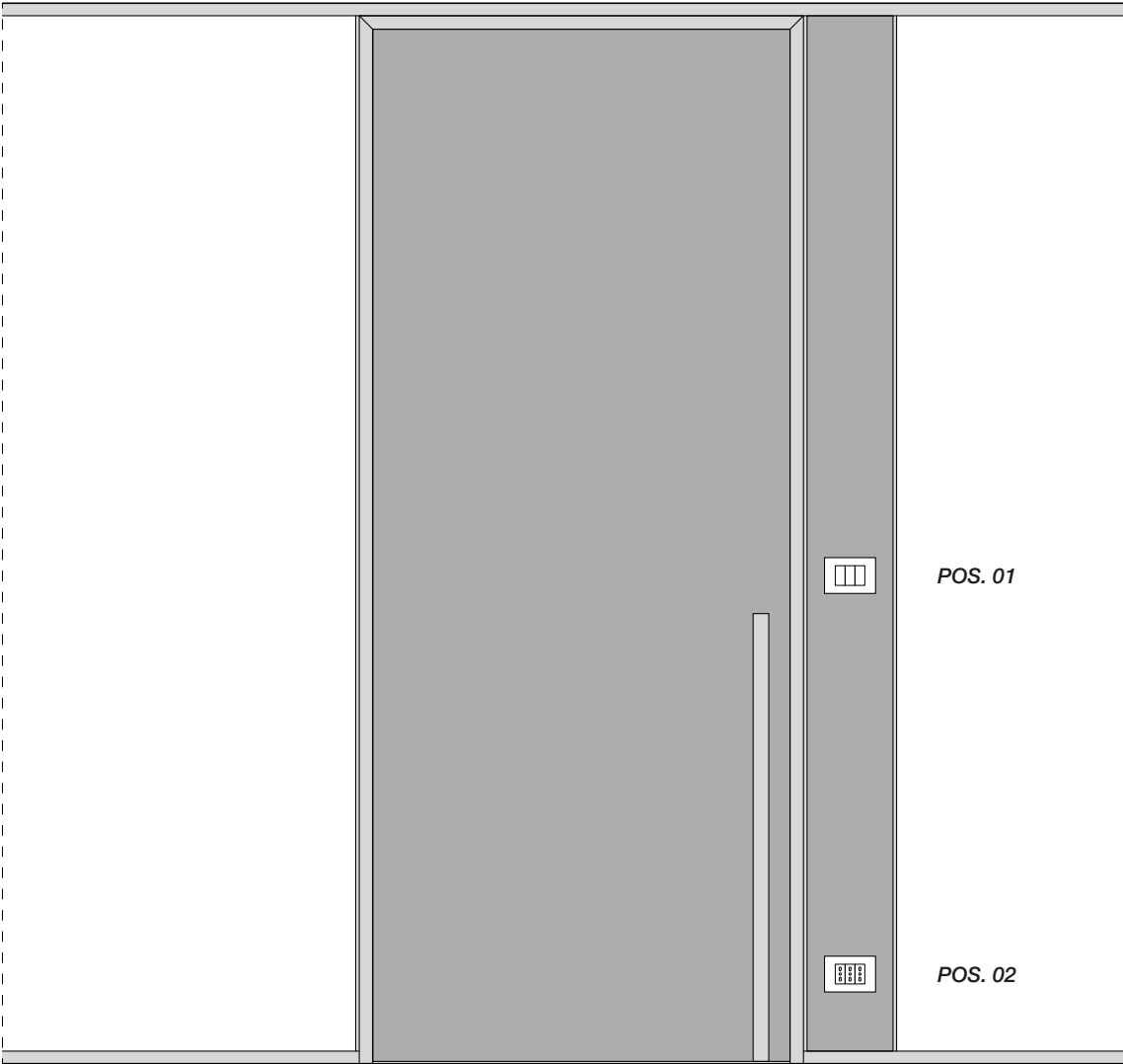
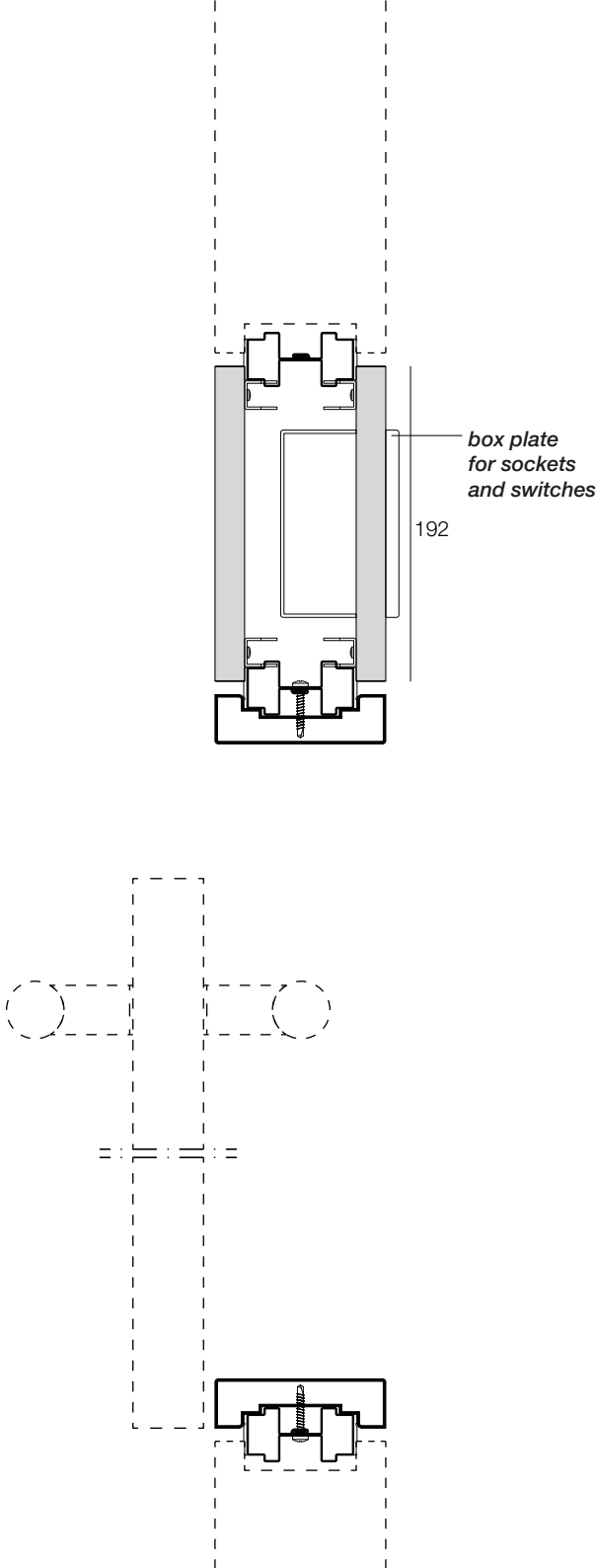


\*possible positions for switches and sockets on the door frame

Utility module  
for sliding doors



Utility module



*\*possible positions for switches and sockets on the utility module*



**METRICA® V**

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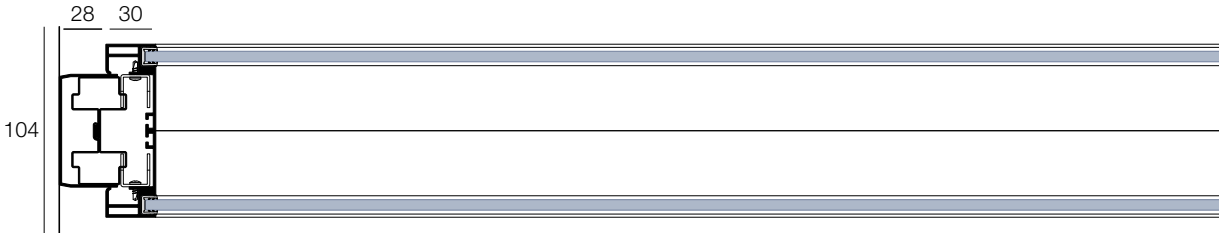
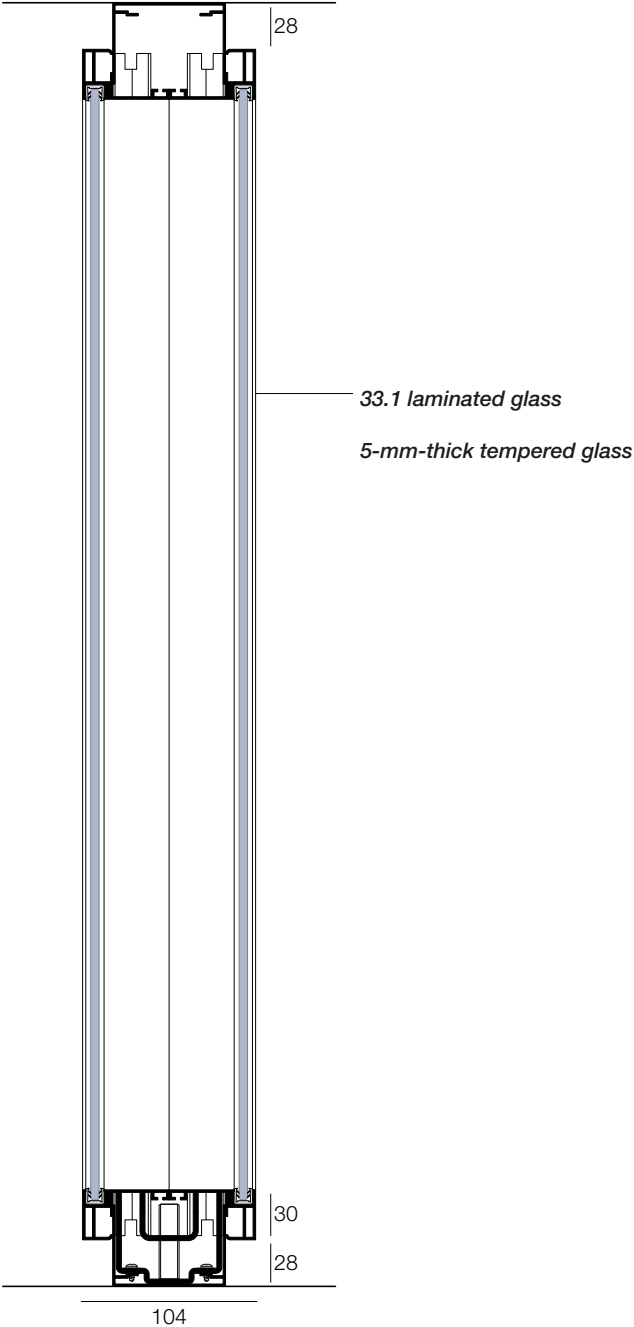


- 01.** Thickness: 104 mm
- 02.** Supporting structure in UNI EN 10143 zinc-plated sheet
- 03.** Partition panels mounted vertically or horizontally
- 04.** Panels with width 500/1000/1500/2000 mm
- 05.** Framed double glass - 33.1 laminated glass or 5-mm-thick tempered glass
- 06.** Fixed or adjustable corner profiles, 2-, 3- or 4-way junctions
- 07.** Door frame with cable routing
- 08.** Inspectable 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

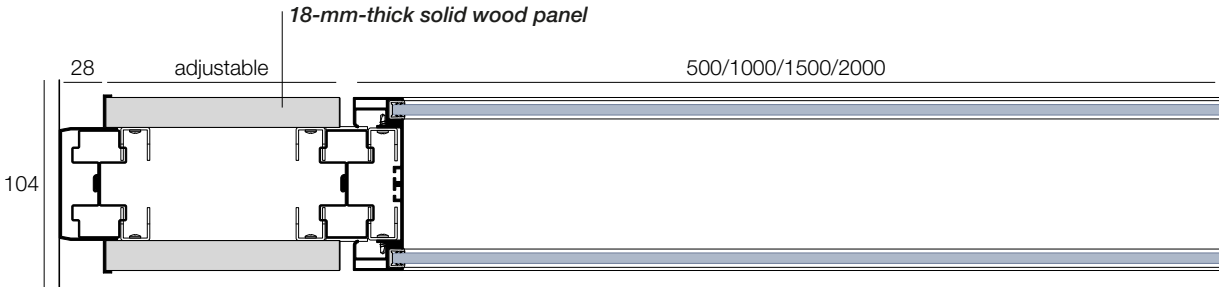
- 01.** Double vertical 33.1 laminated glass - **42 dB**
- 02.** Double horizontal 33.1 laminated glass - **40 dB**
- 03.** Double vertical 33.1 laminated glass + solid panel from **40 dB** to **46 dB**



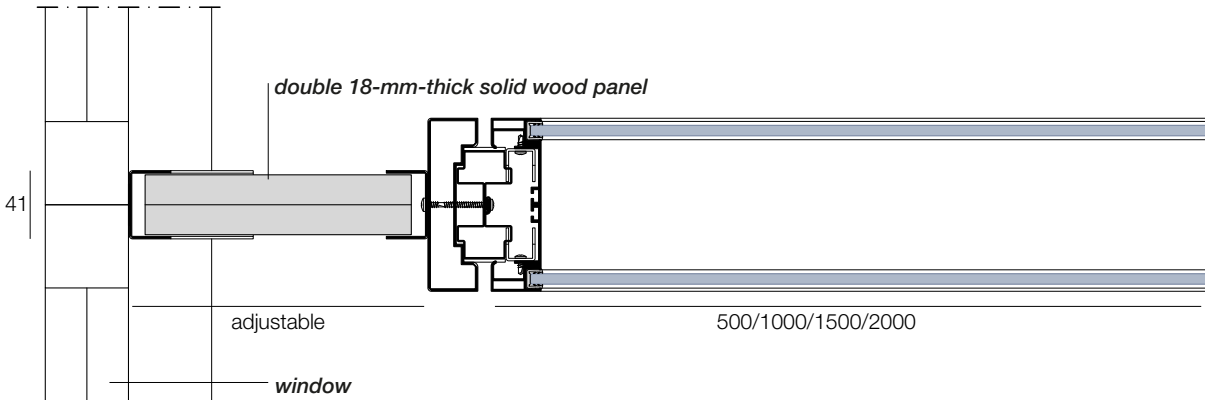
Wall-end upright



Adjustable wall-end upright

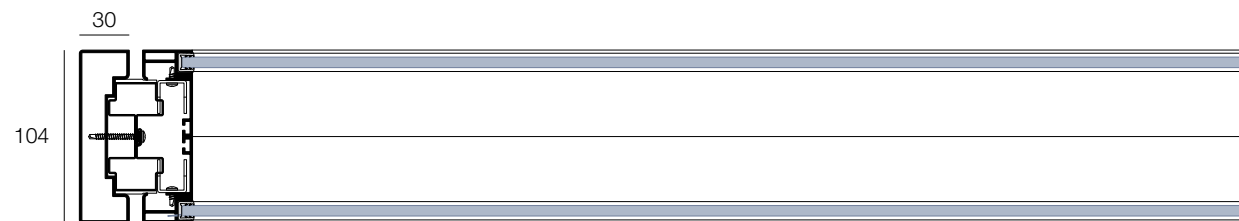


Upright from wall-end compensation panel

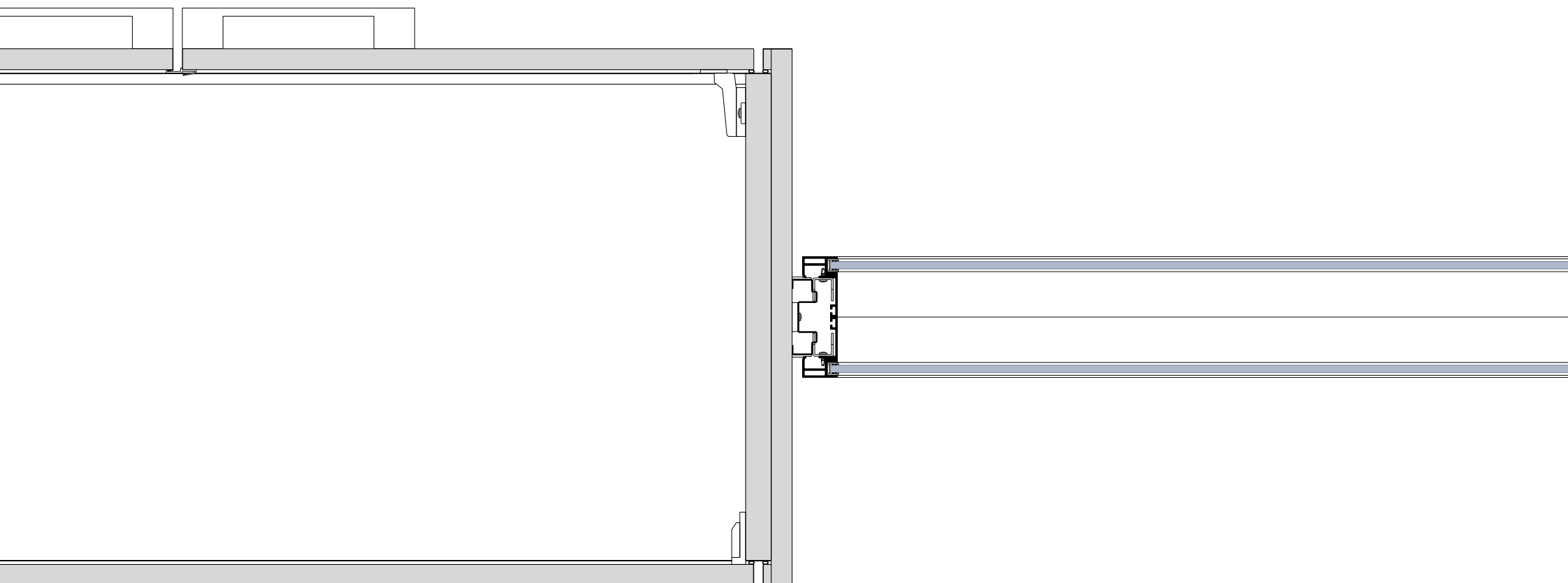


Wall-end upright

# Wall-end upright

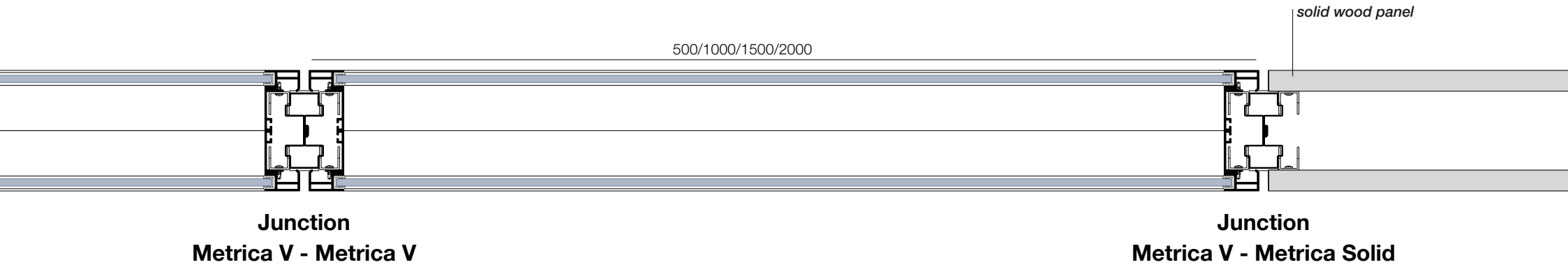


End profile

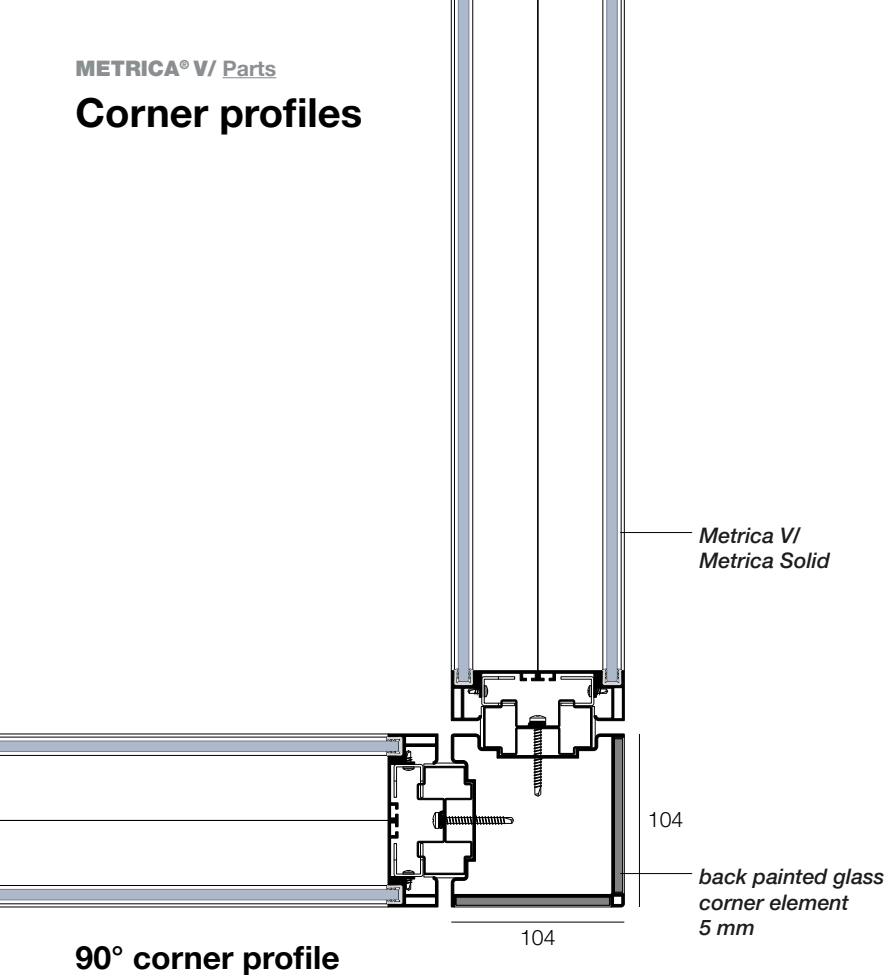


Storage-end upright

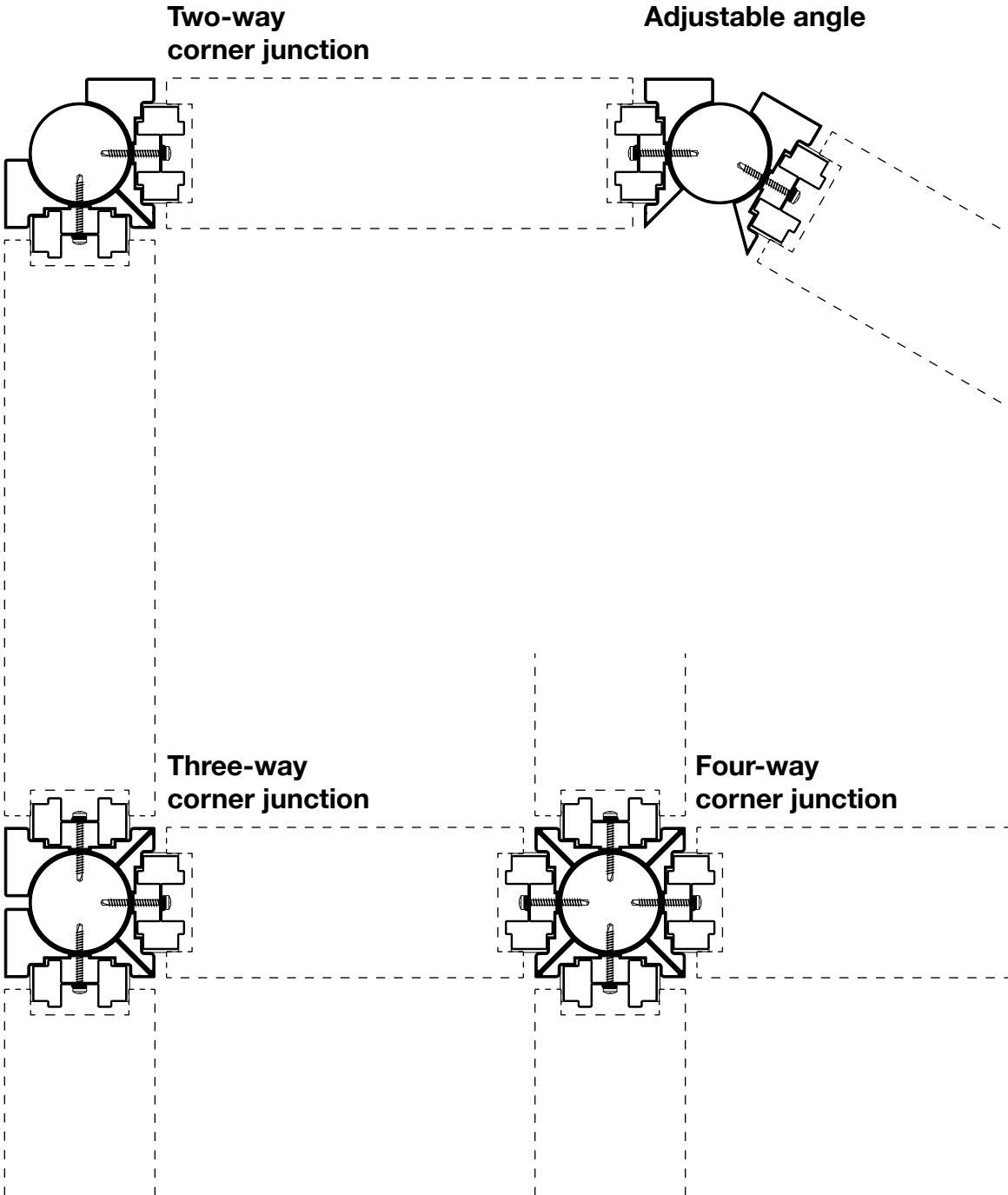
Junction profiles



Corner profiles



90° corner profile

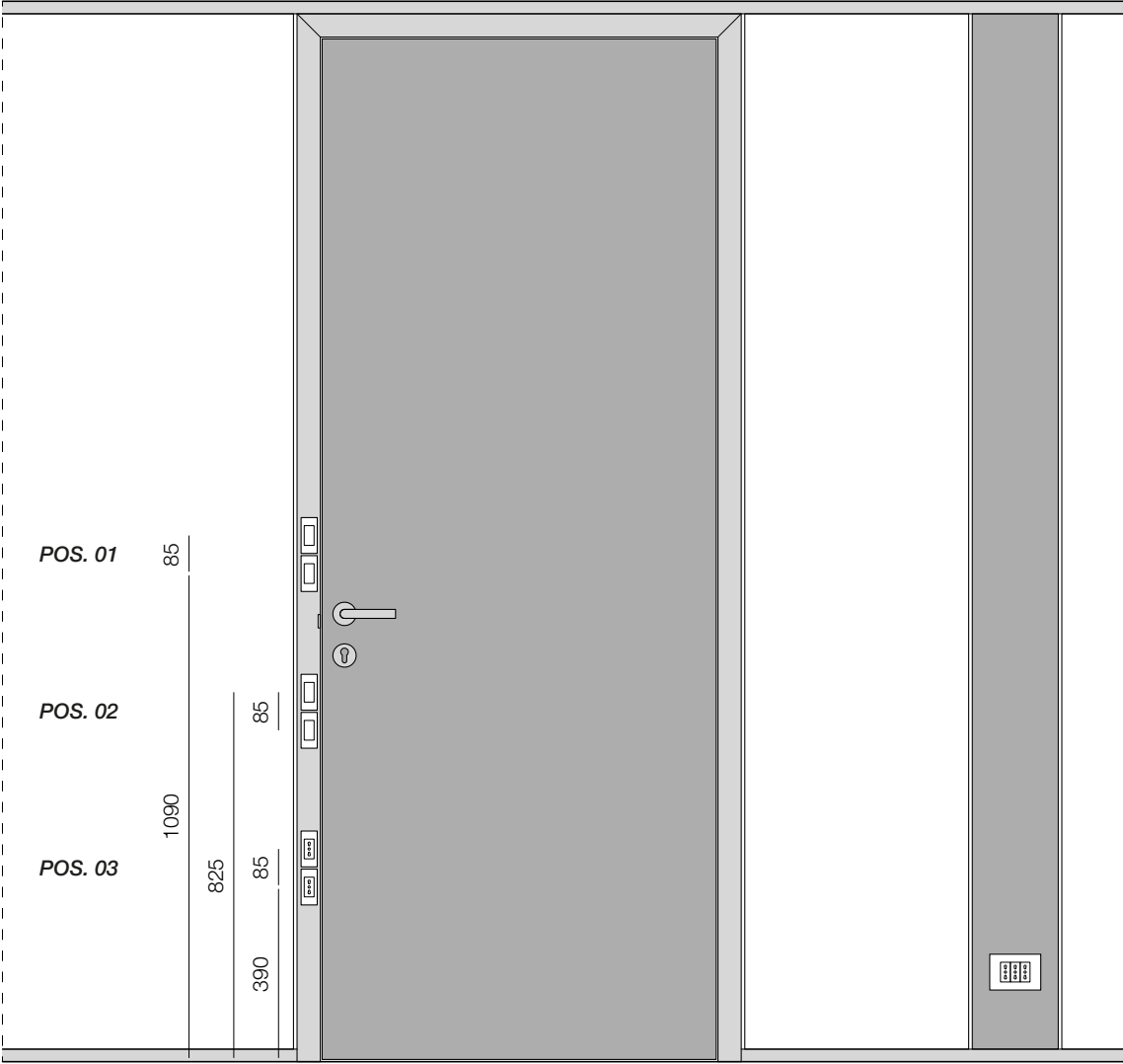
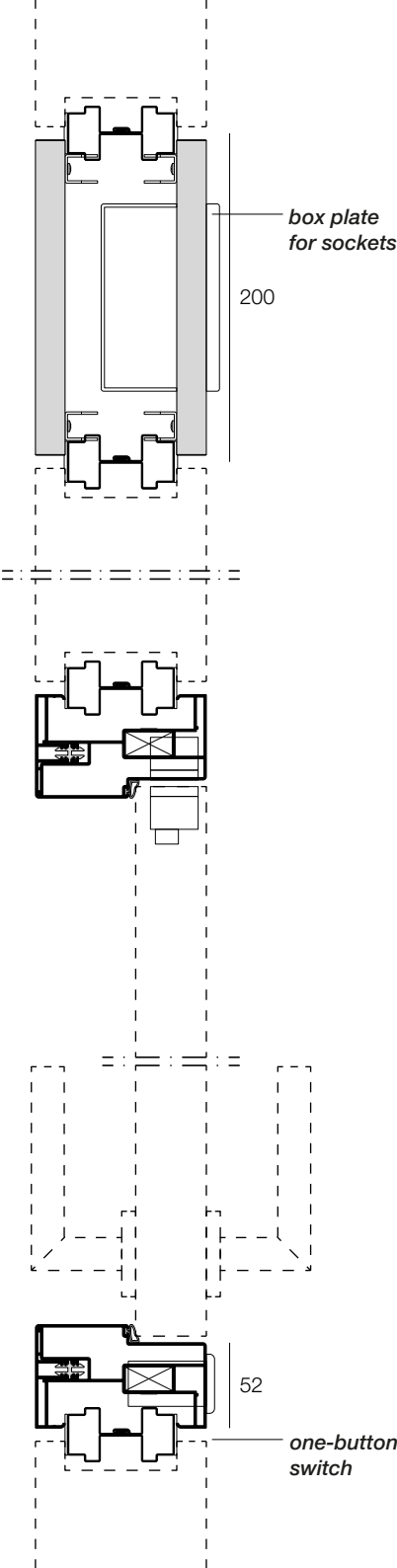




Cabling and utility module  
for hinged doors

Utility module

Cabling solution

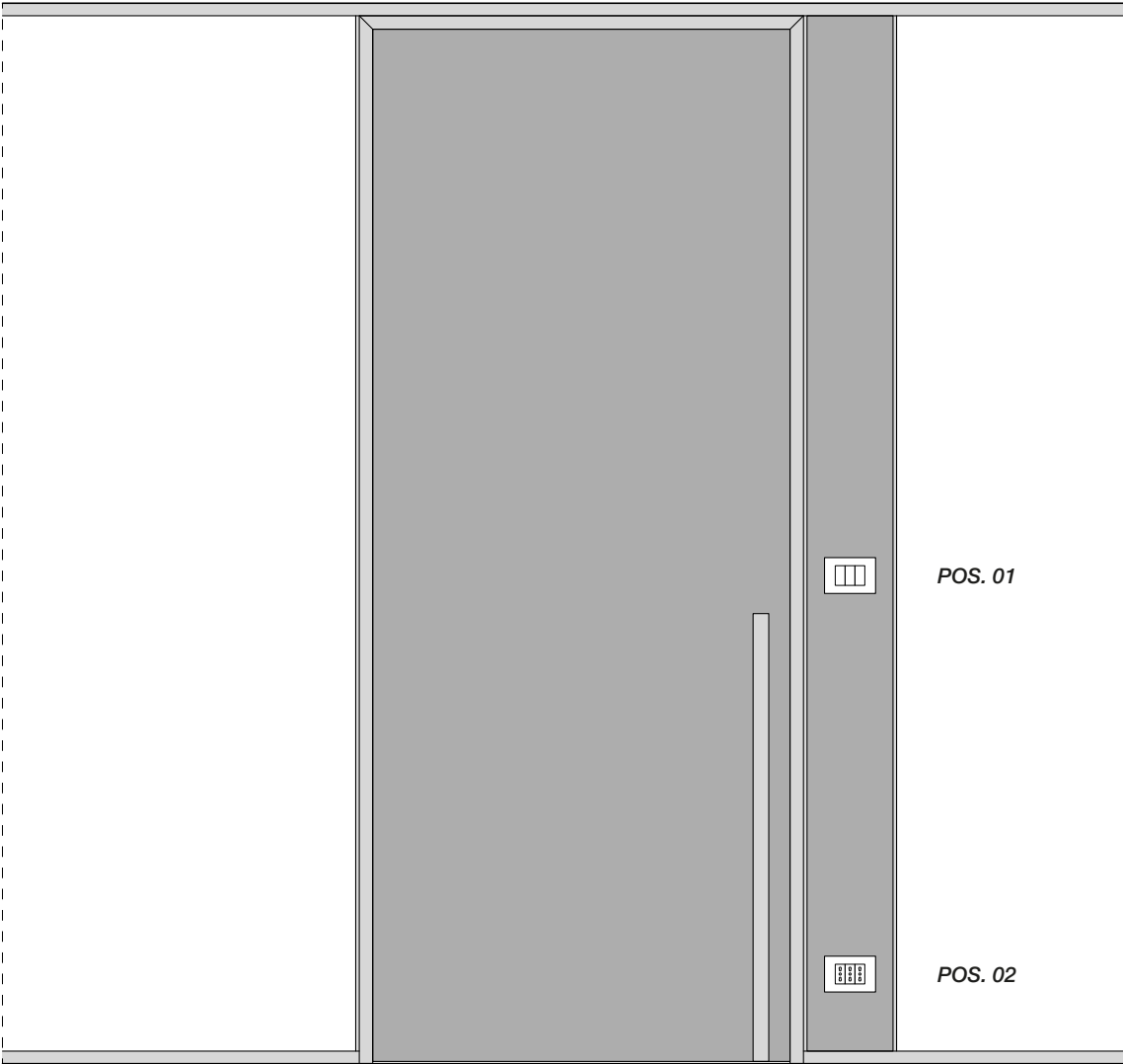
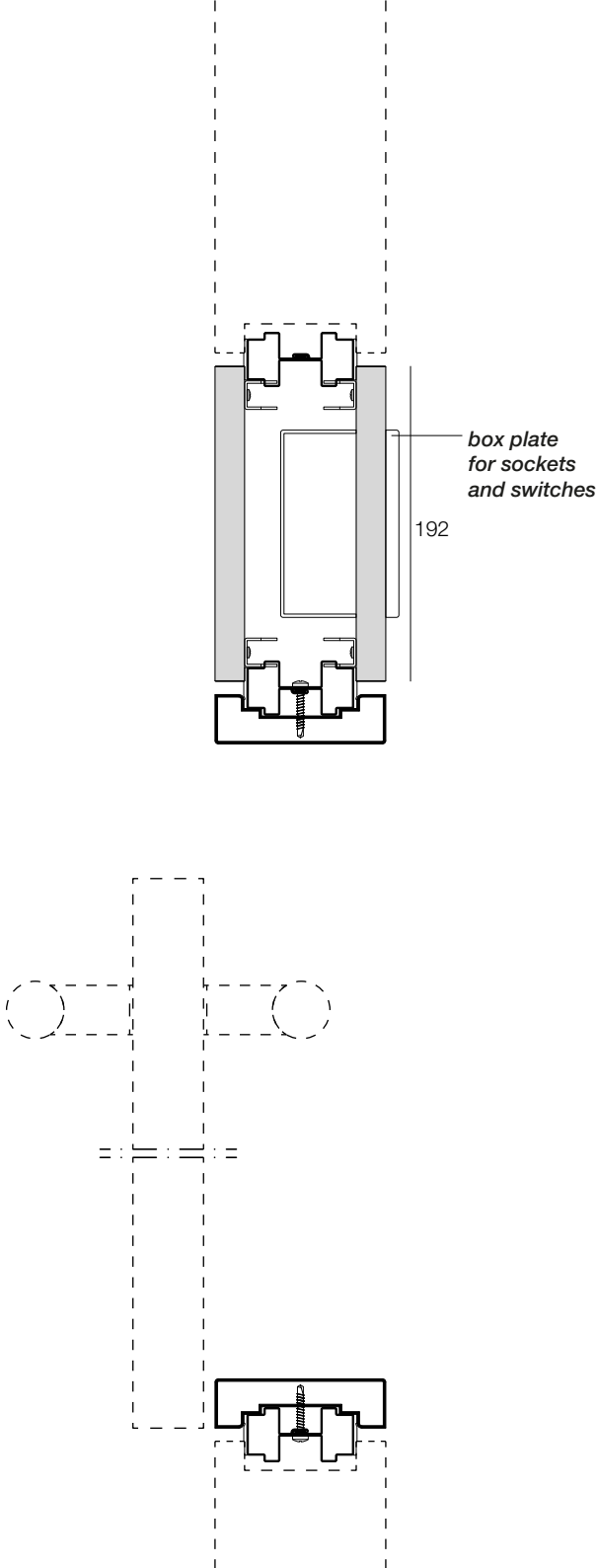


\*possible positions for switches and sockets on the door frame

Utility module  
for sliding doors



Utility module



*\*possible positions for switches and sockets on the utility module*

**METRICA® S**

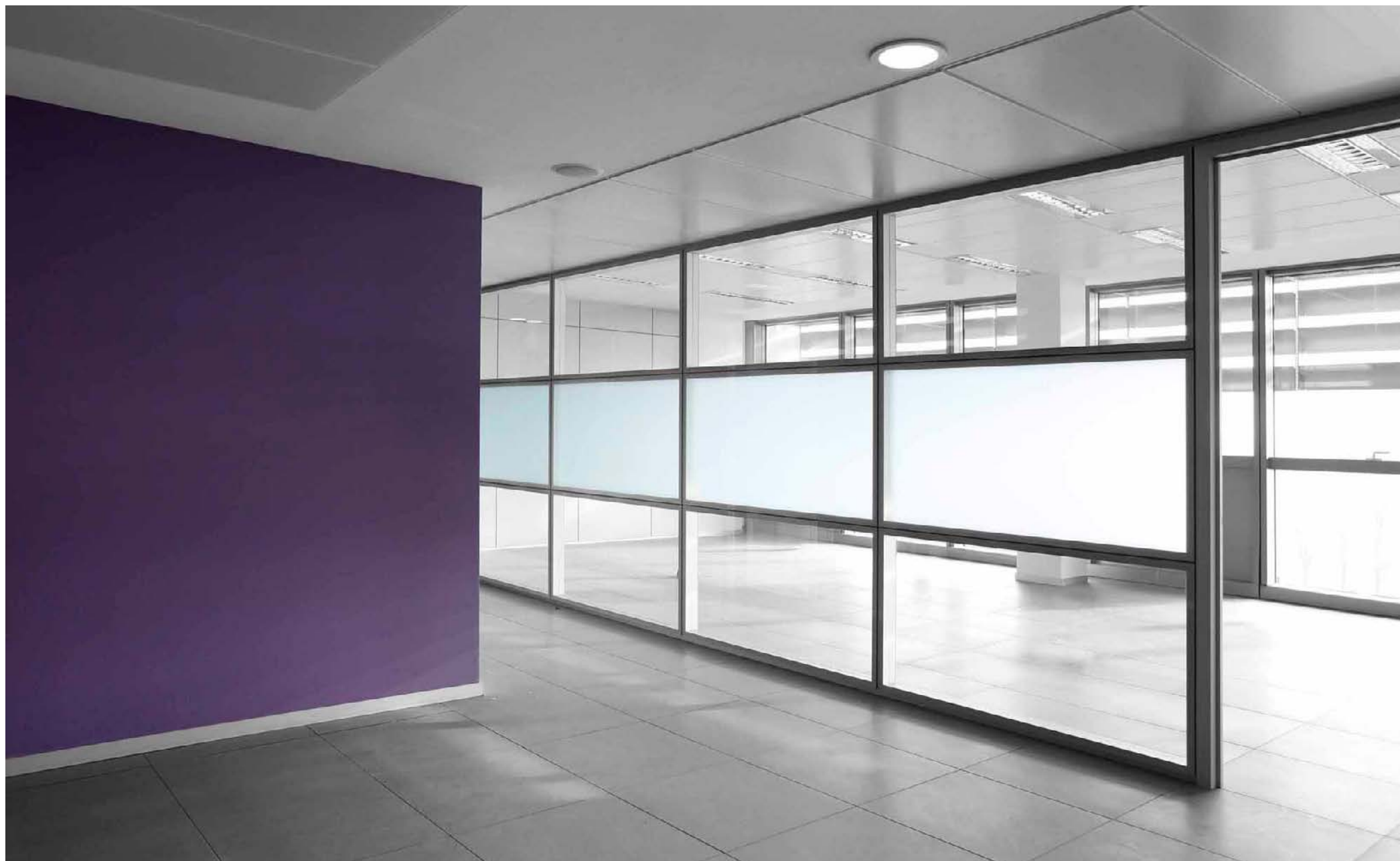
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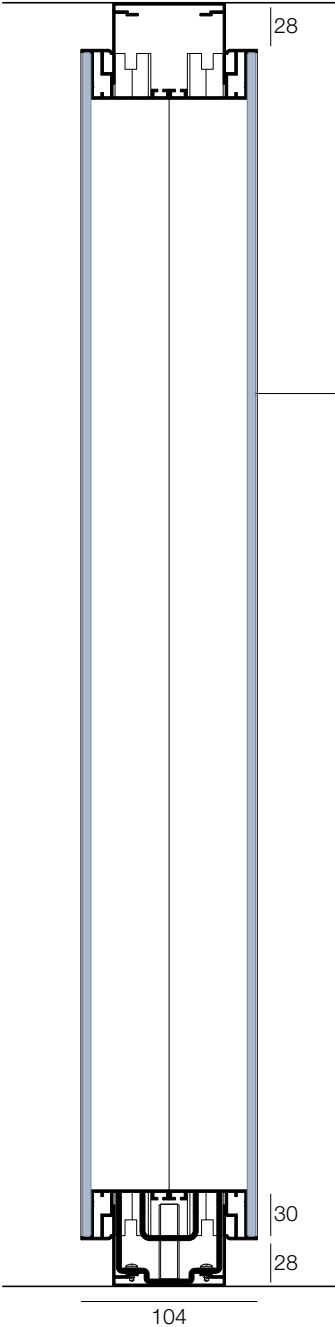


- 01.** Thickness: 104 mm
- 02.** Supporting structure in UNI EN 10143 zinc-plated sheet
- 03.** Partition panels mounted vertically or horizontally
- 04.** Panels with width 500/1000/1500/2000 mm
- 05.** Double flush glass with screen-printing on four sides - 5-mm-thick tempered glass
- 06.** Fixed or adjustable corner profiles, 2-, 3- or 4-way junctions
- 07.** Door frame with cable routing
- 08.** Inspectable 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

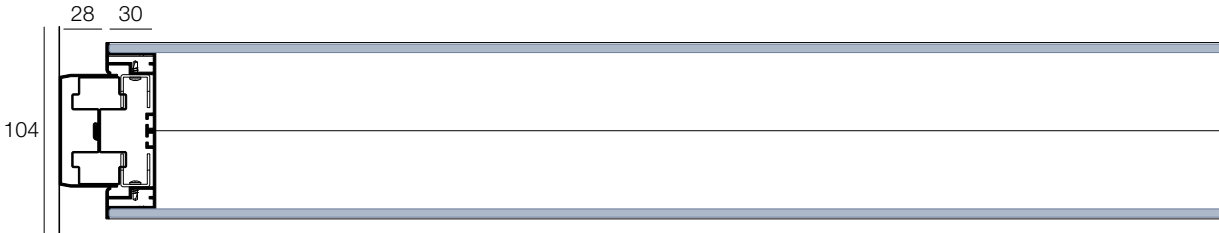
- 01.** Double vertical 5-mm-thick glass - **38 dB**
- 02.** Double horizontal 5-mm-thick glass - **41 dB**
- 03.** Double vertical 5-mm-thick glass + solid panel from **39 dB** to **44 dB**



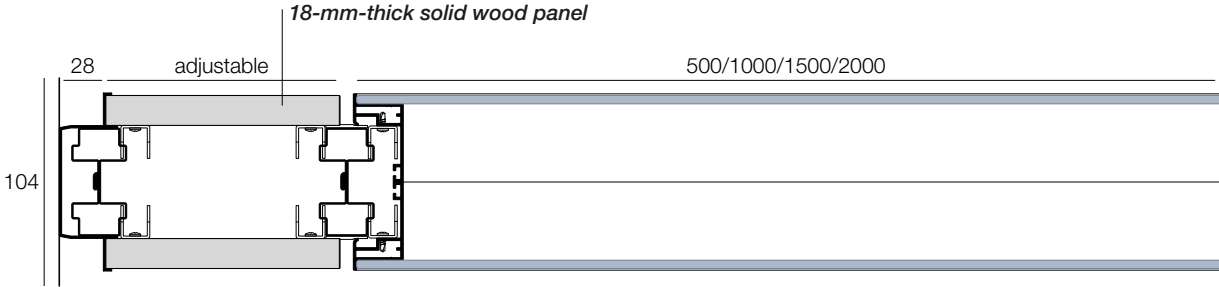
Wall-end upright



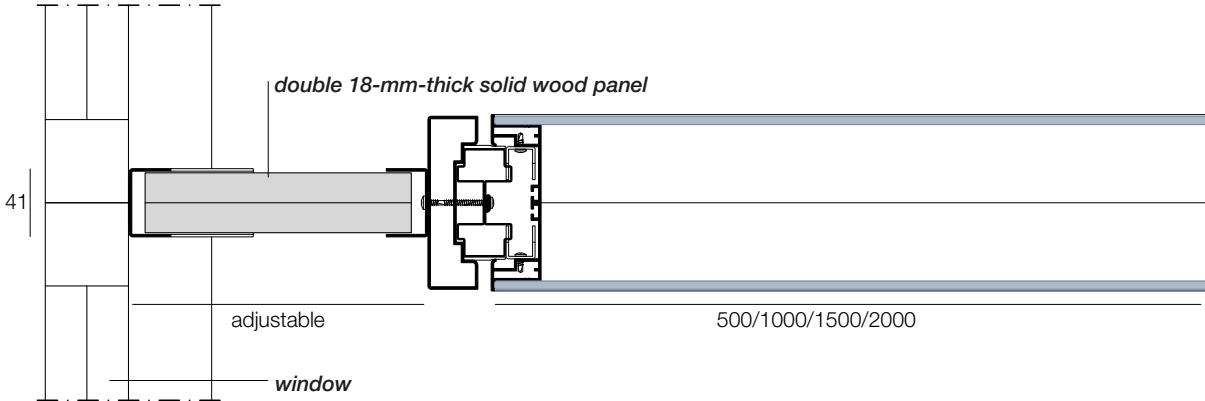
5-mm-thick tempered glass with screen-printing on four sides



Adjustable wall-end upright

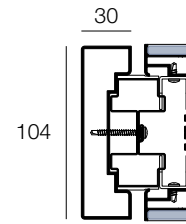


Upright from wall-end compensation panel

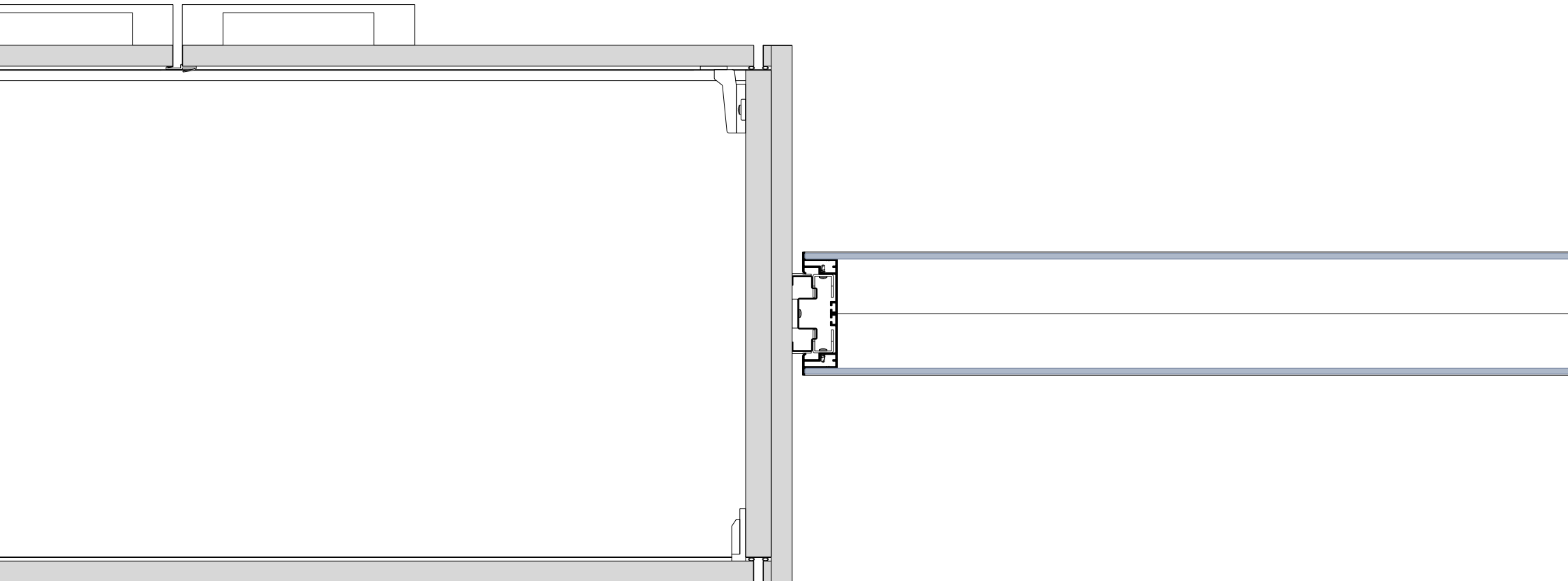


Wall-end upright

# Wall-end upright



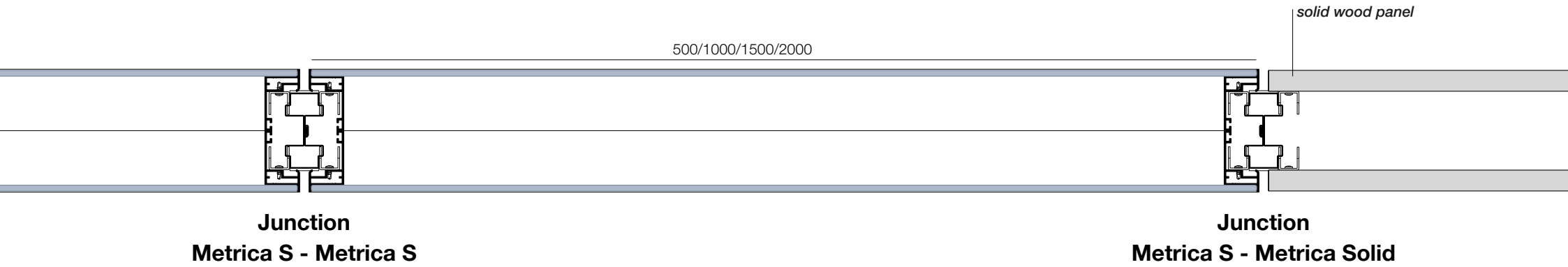
End profile



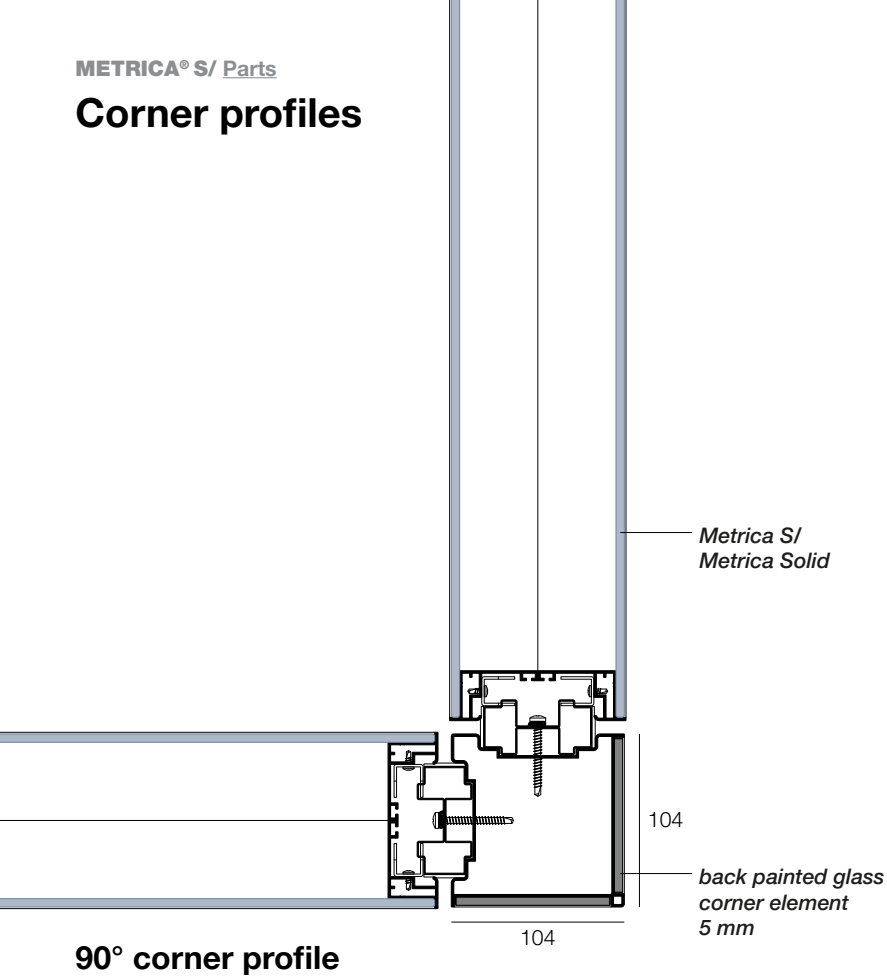
Storage-end upright



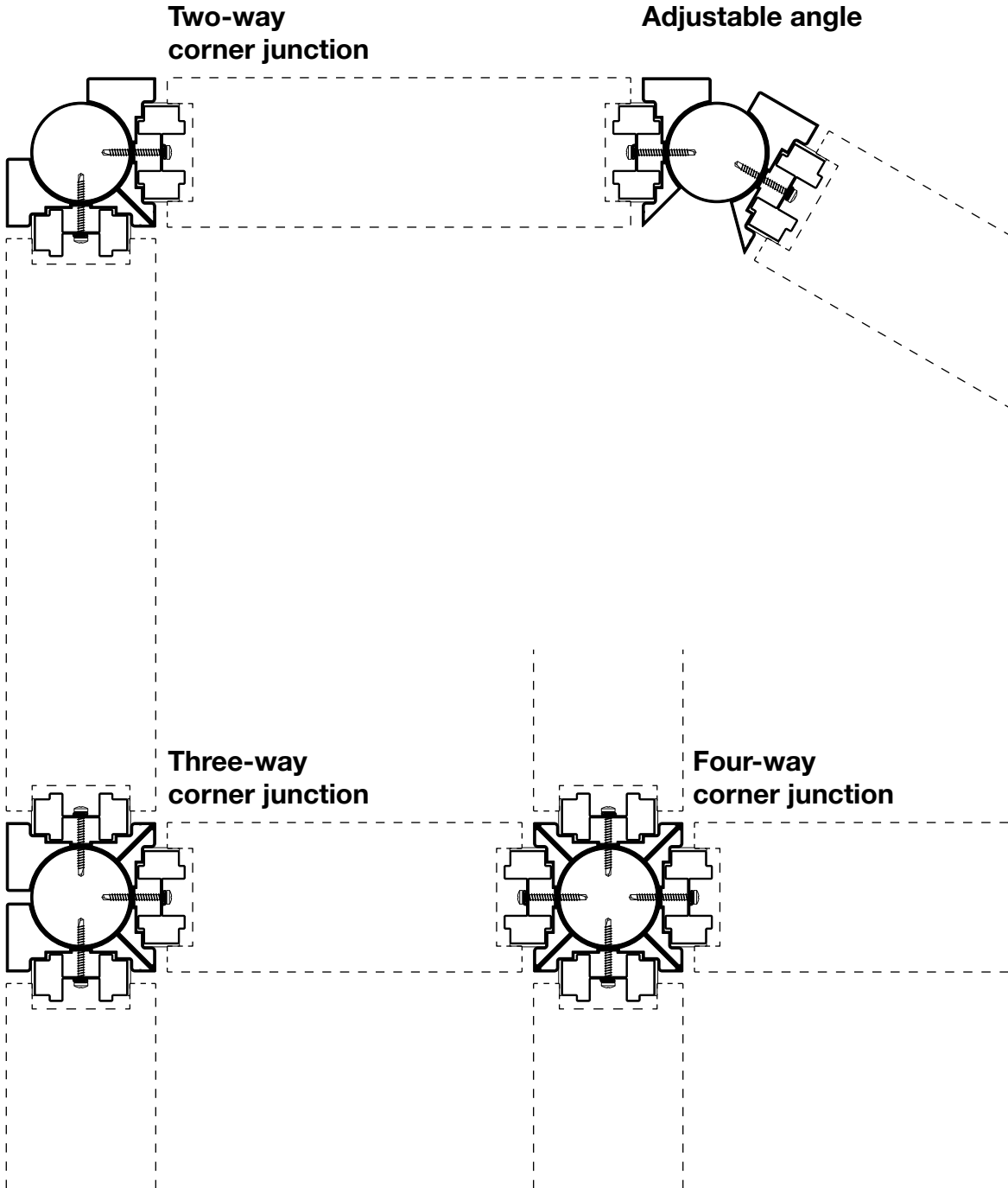
Junction profiles



Corner profiles



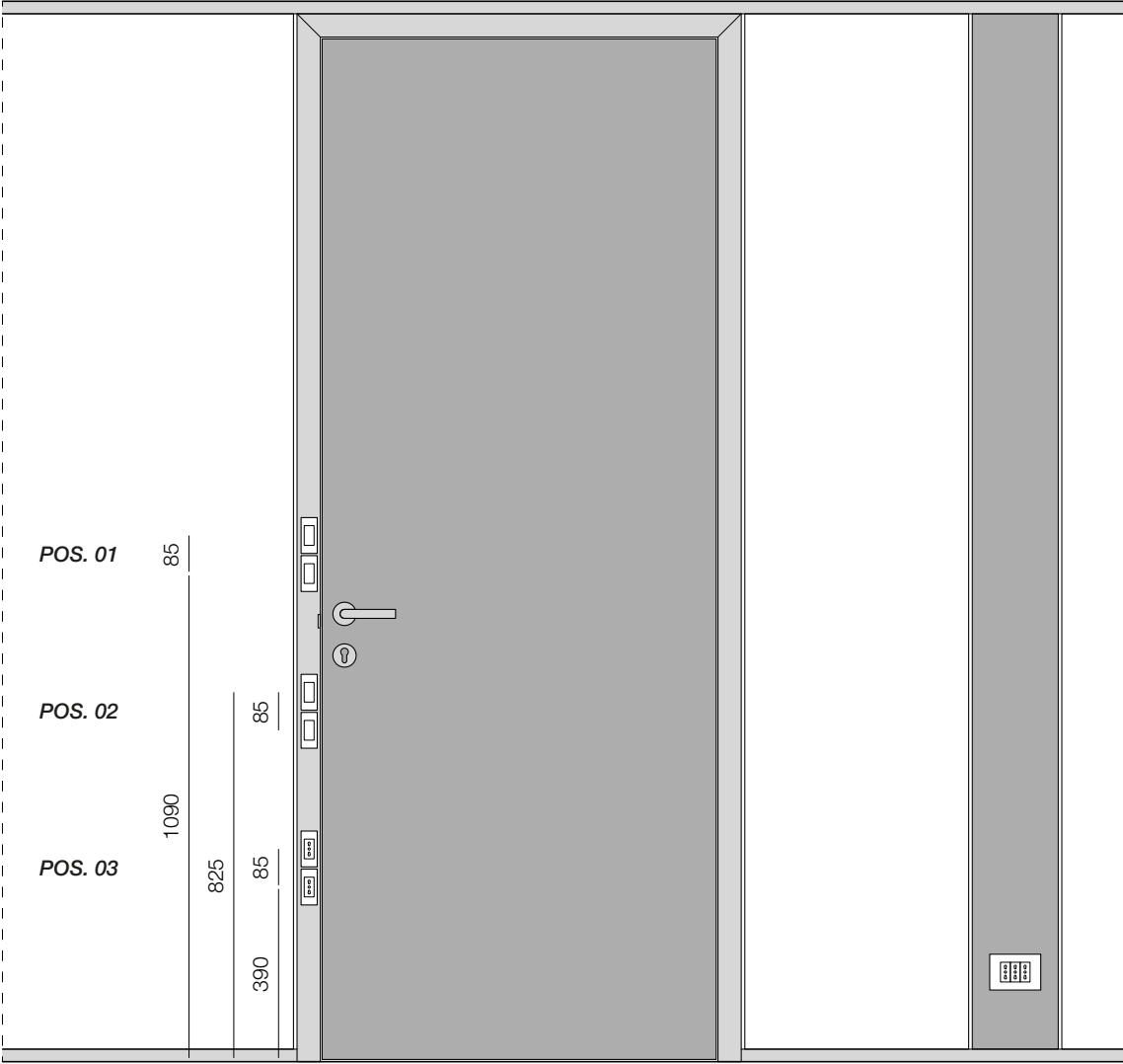
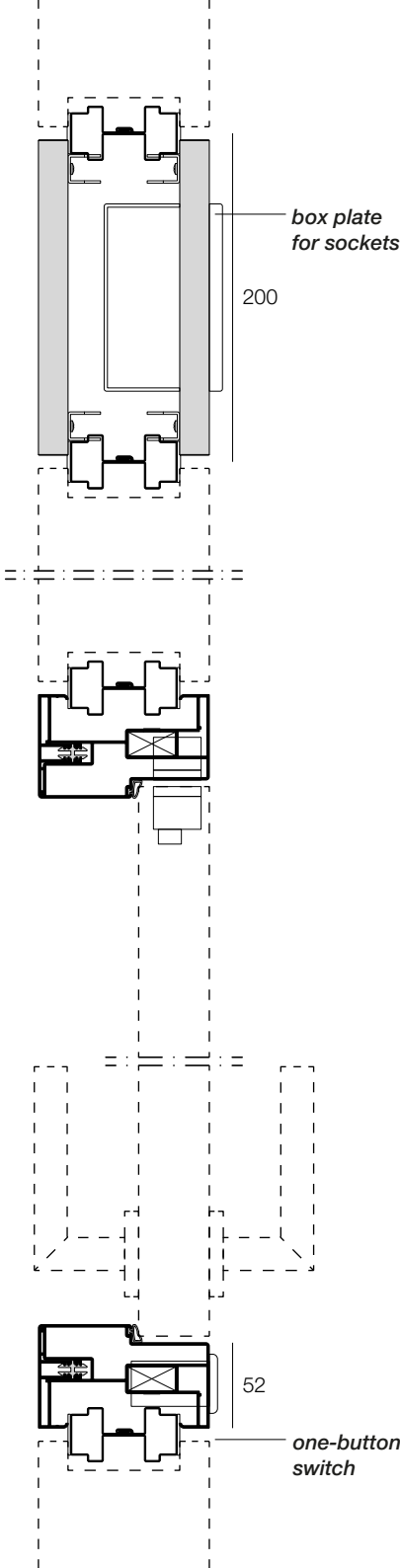
90° corner profile



Cabling and utility module  
for hinged doors

Utility module

Cabling solution

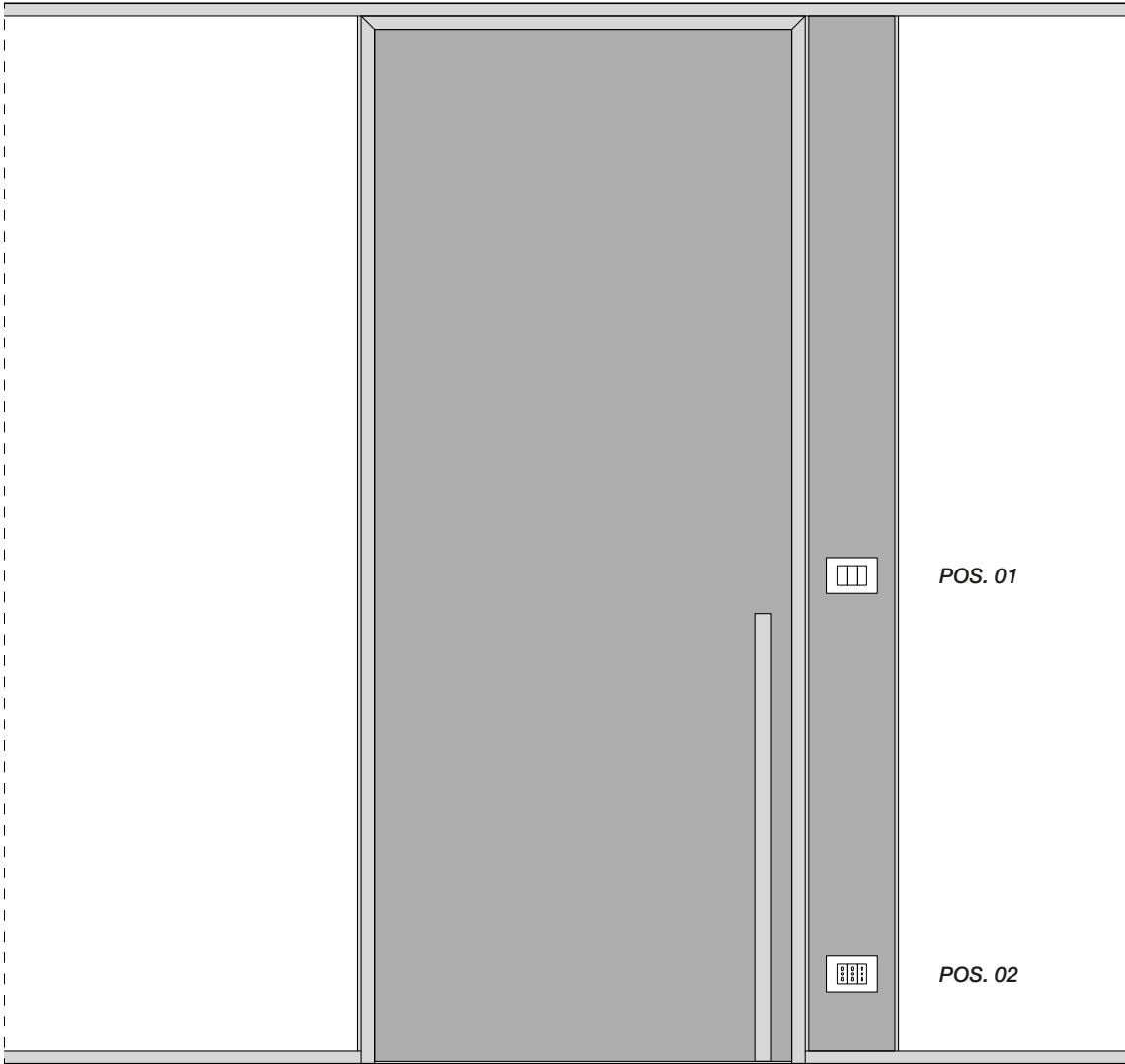
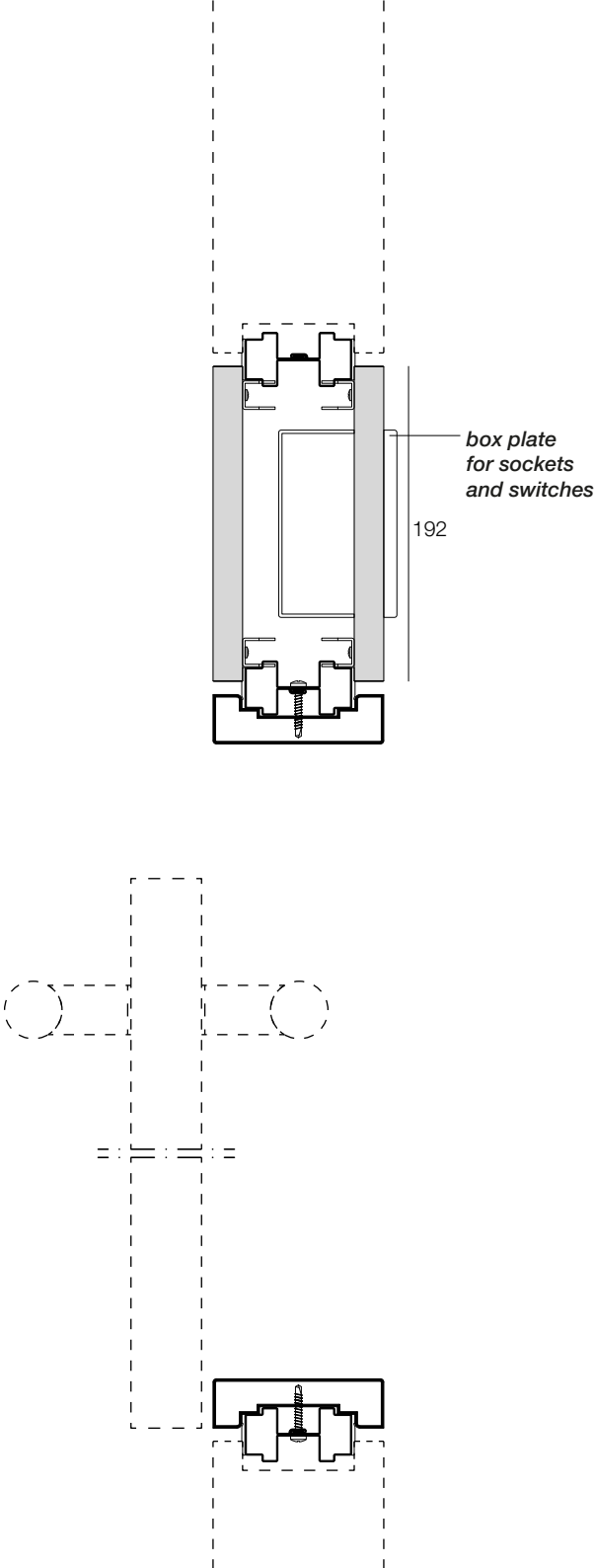


\*possible positions for switches and sockets on the door frame

Utility module  
for sliding doors



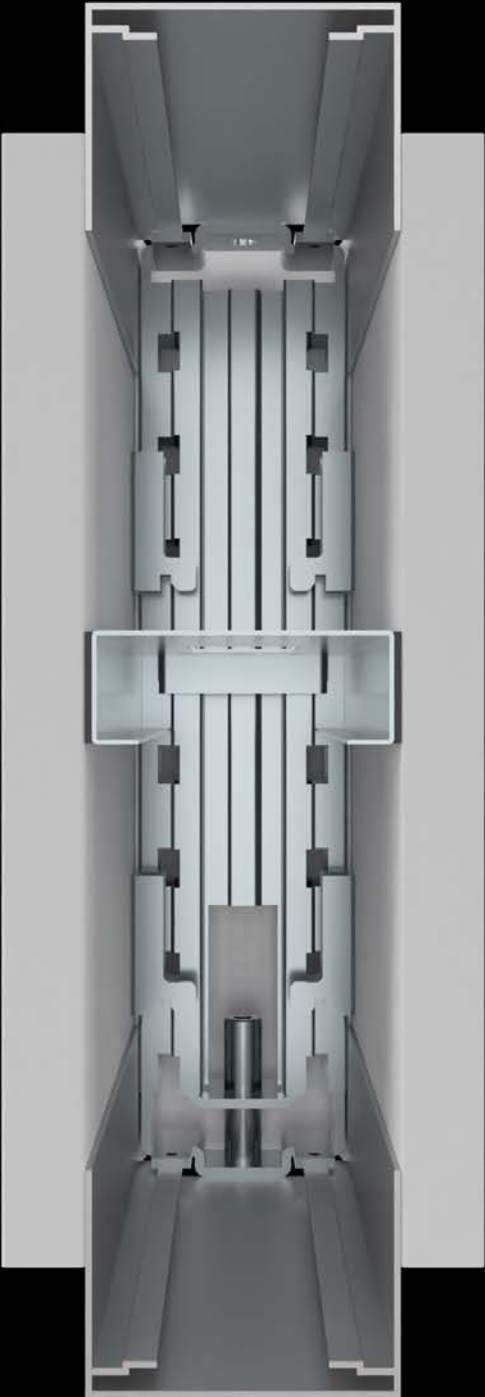
Utility module



*\*possible positions for switches and sockets on the utility module*

**METRICA® SOLID**

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## Plus and Acoustic performance



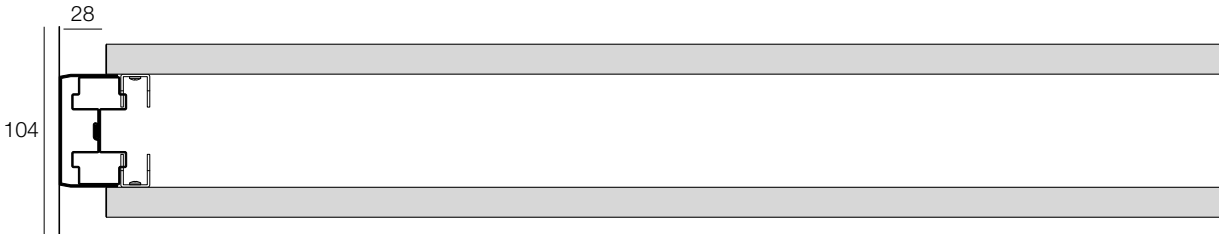
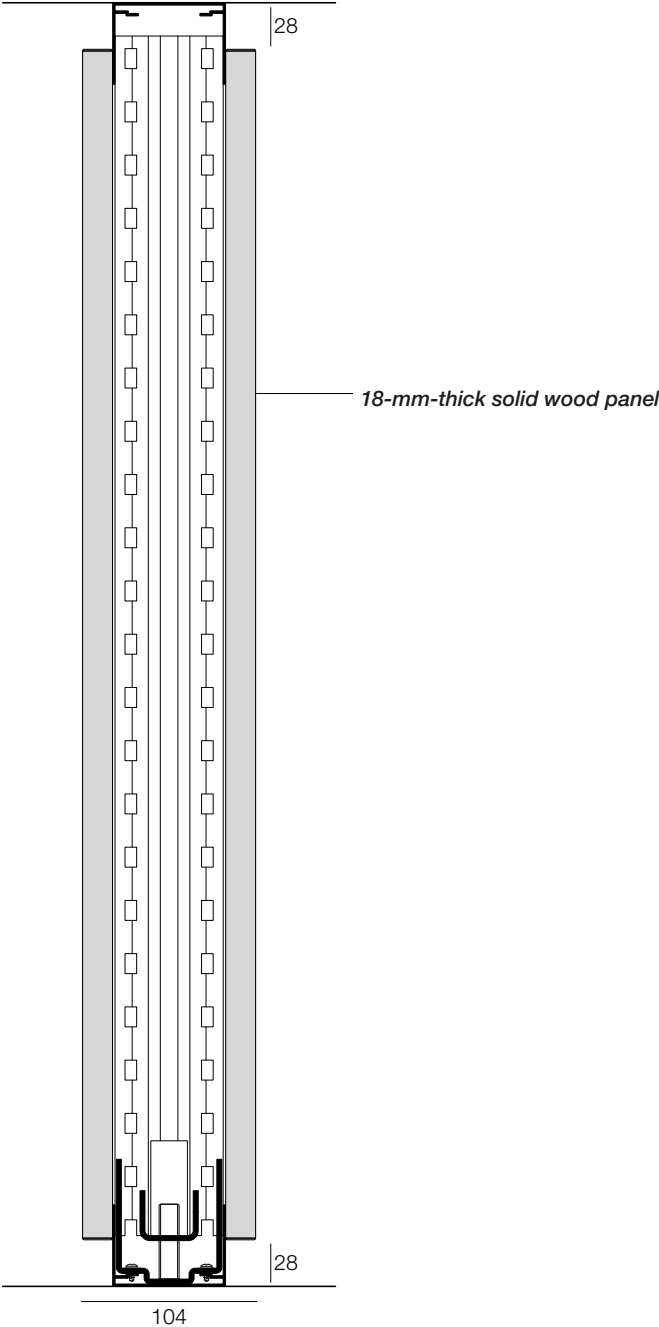
- 01.** Thickness: 104 mm
- 02.** Supporting structure in UNI EN 10143 zinc-plated sheet
- 03.** Partition panels mounted vertically or horizontally
- 04.** Panels with width 500/1000/1500/2000 mm
- 05.** Double solid panels, lacquered or veneered - 18 mm thick
- 06.** Fixed or adjustable corner profiles, 2-, 3- or 4-way junctions
- 07.** Door frame with cable routing
- 08.** Inspectable utility module
- 09.** 9 versions of hinged doors - solid, tempered glass and framed
- 10.** 2 versions of internal sliding doors - solid and tempered glass
- 11.** 5 versions of external sliding doors - solid, tempered glass and framed

- 01.** Vertical panels + insulation from **37 dB** to **44 dB**
- 02.** Horizontal panels + insulation from **38 dB** to **46 dB**

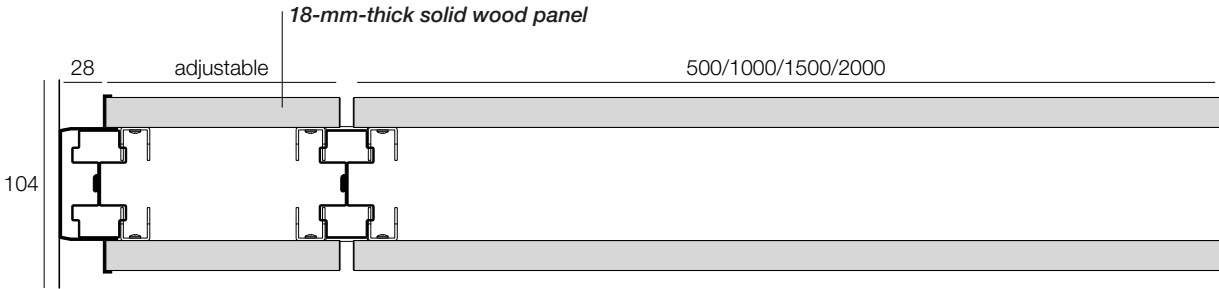




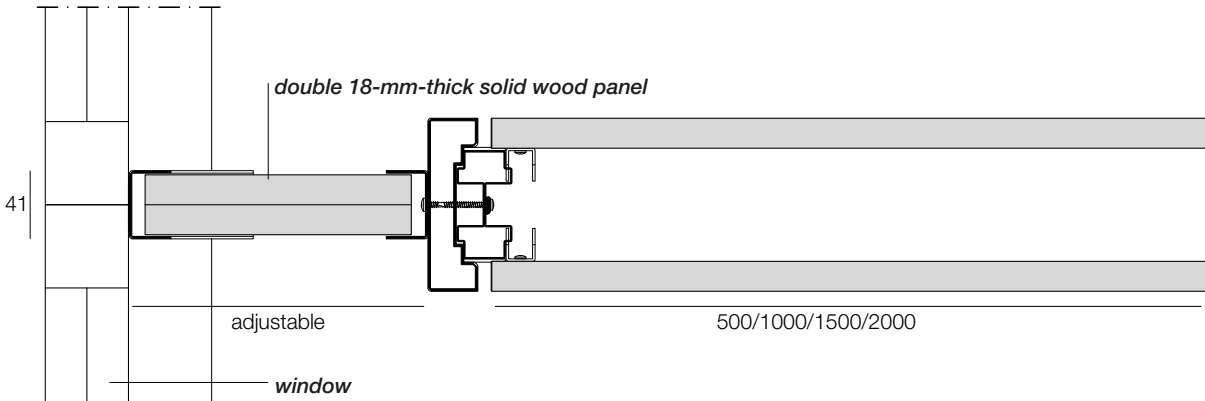
Wall-end upright



Adjustable wall-end upright

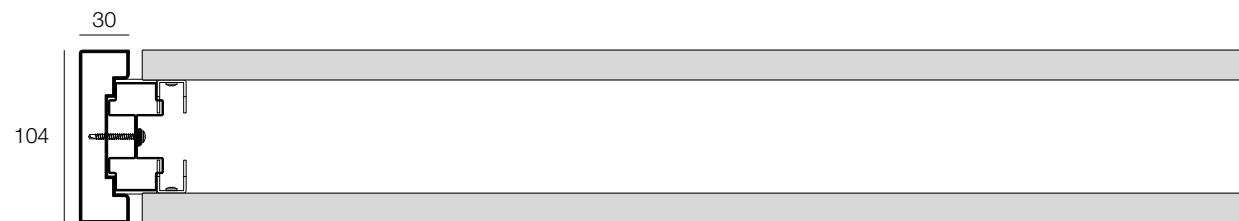


Upright from wall-end compensation panel

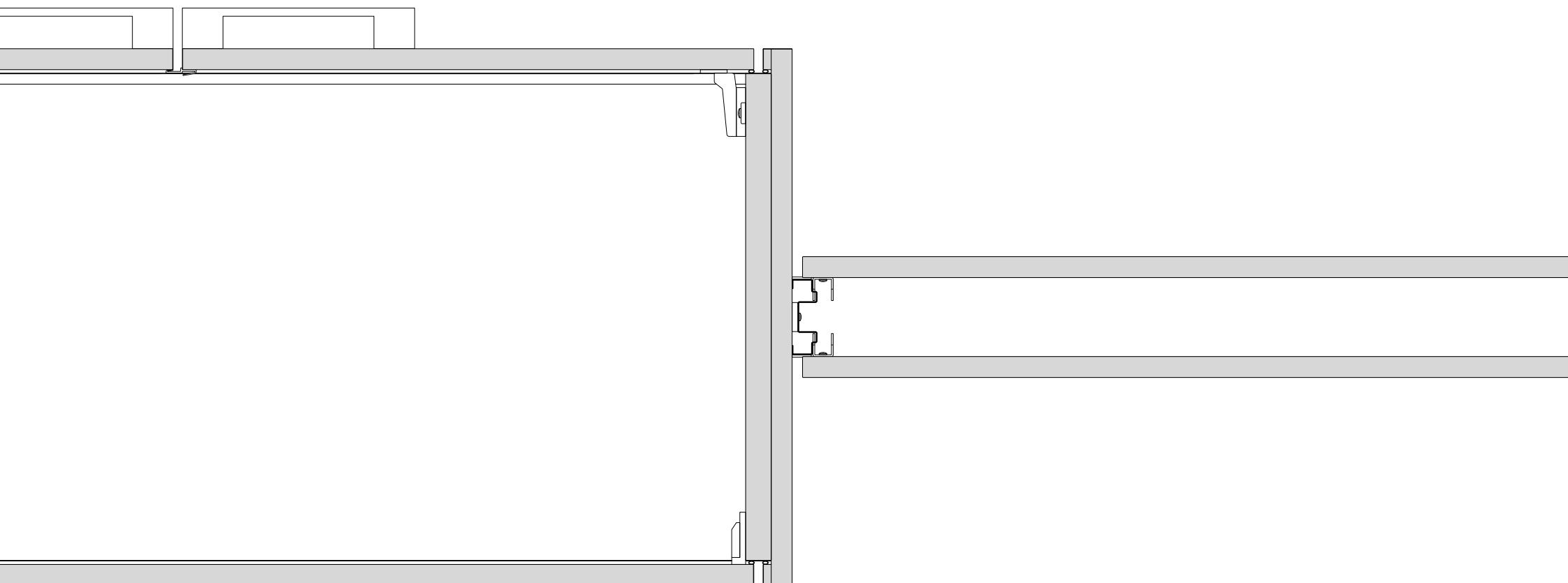


Wall-end upright

# Wall-end upright

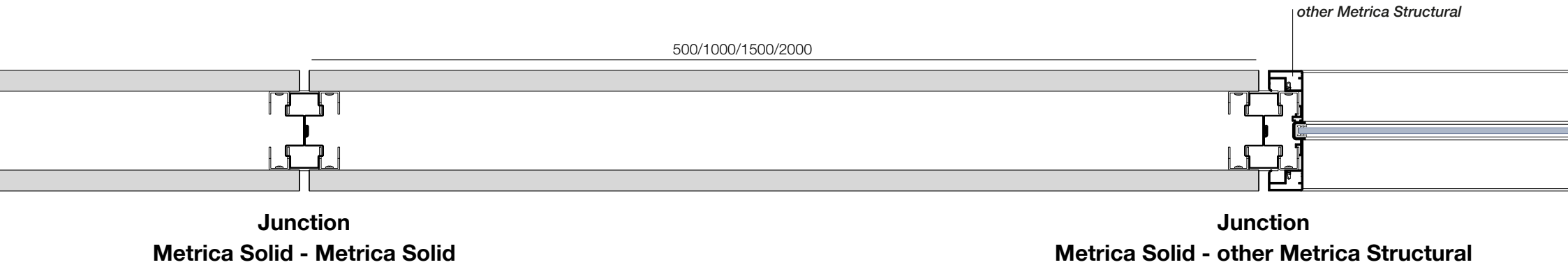


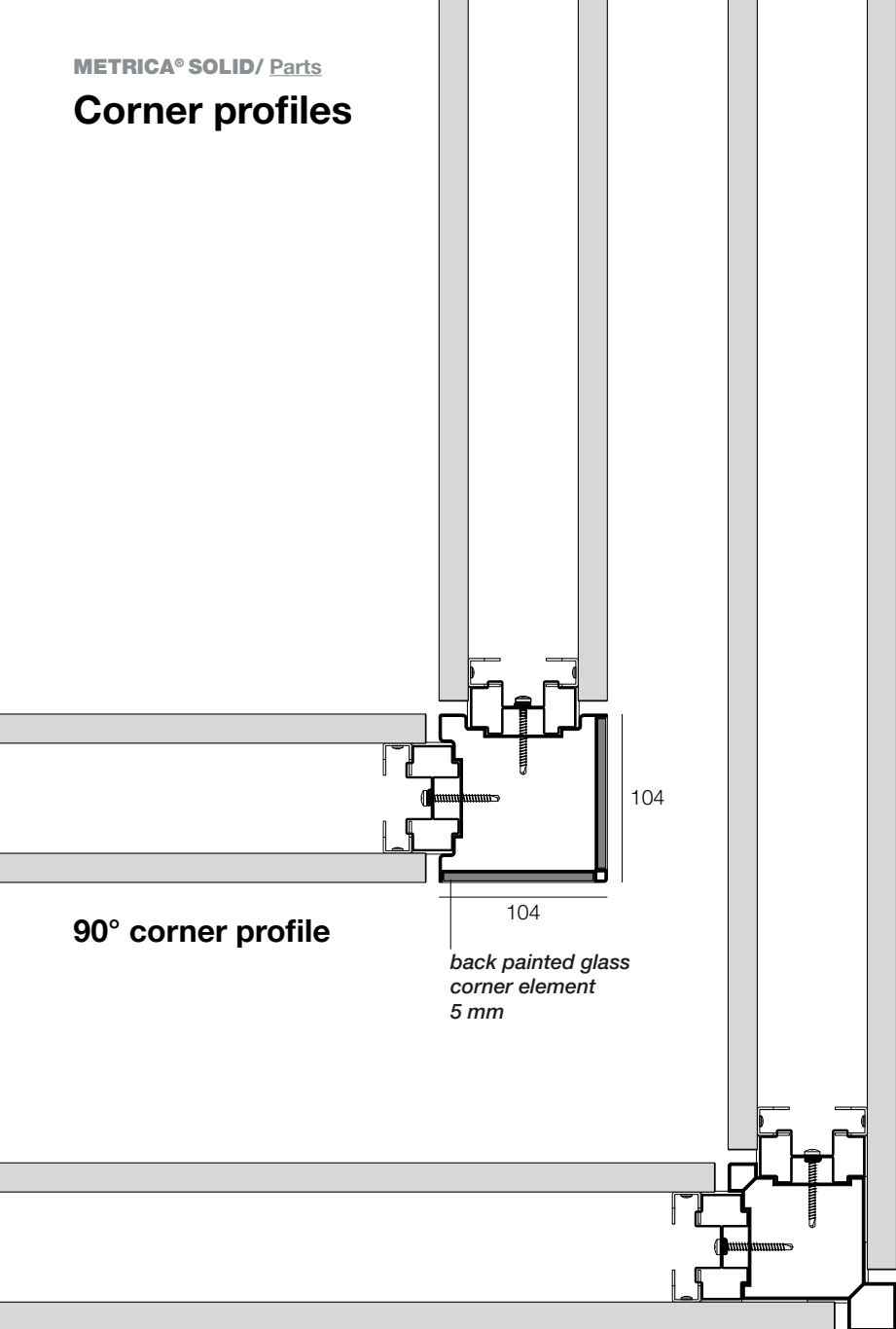
End profile



Storage-end upright

Junction profiles





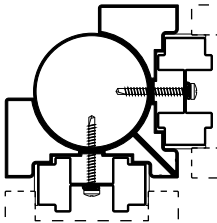
90° corner profile

*back painted glass  
corner element  
5 mm*

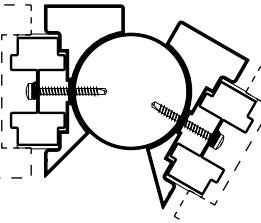
90° corner profile

*aluminium  
corner profile*

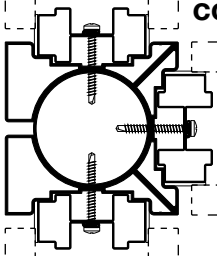
Two-way  
corner junction



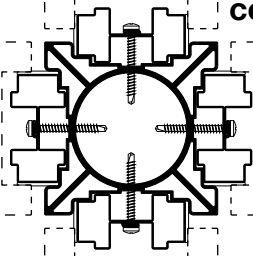
Adjustable angle



Three-way  
corner junction



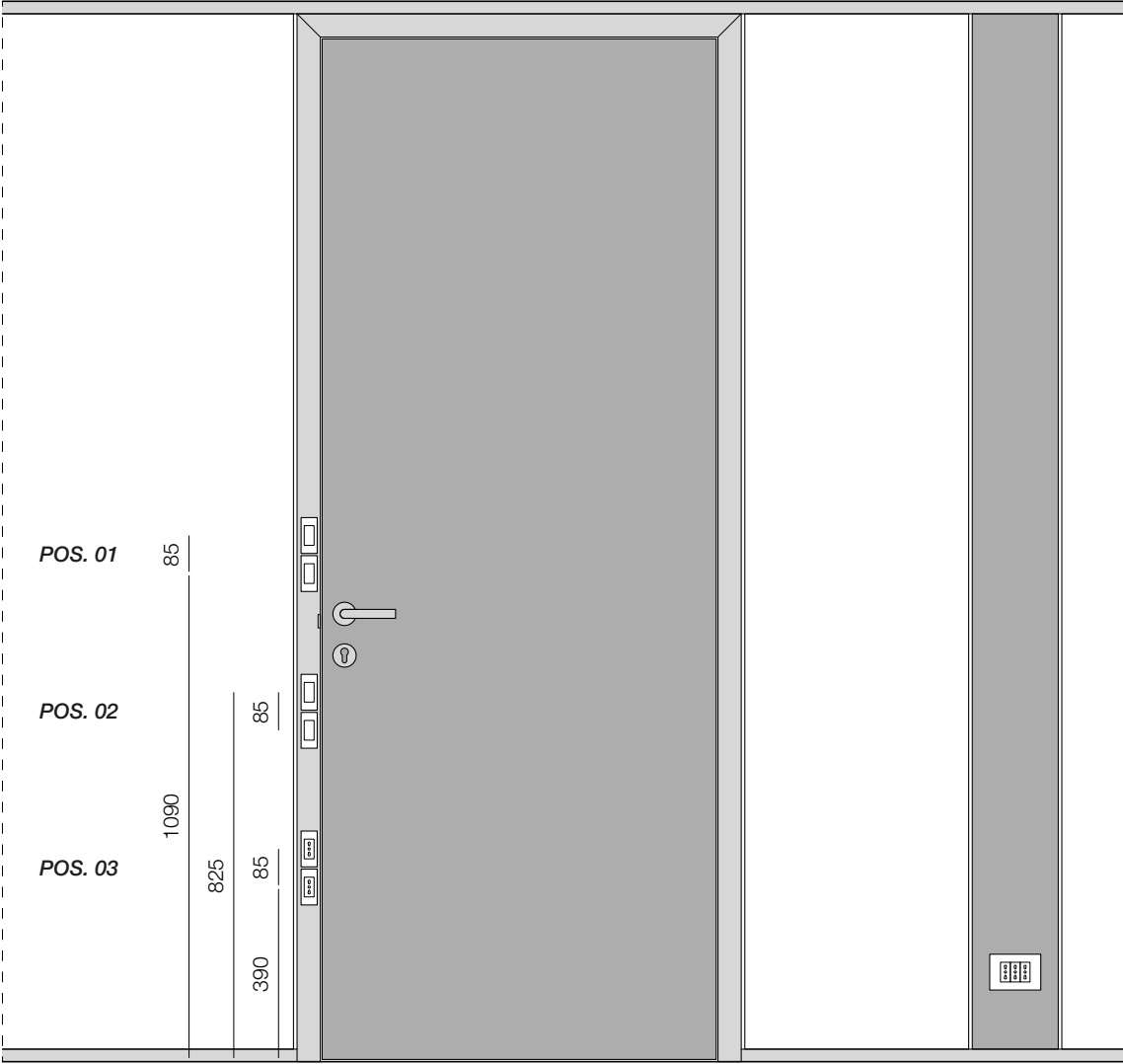
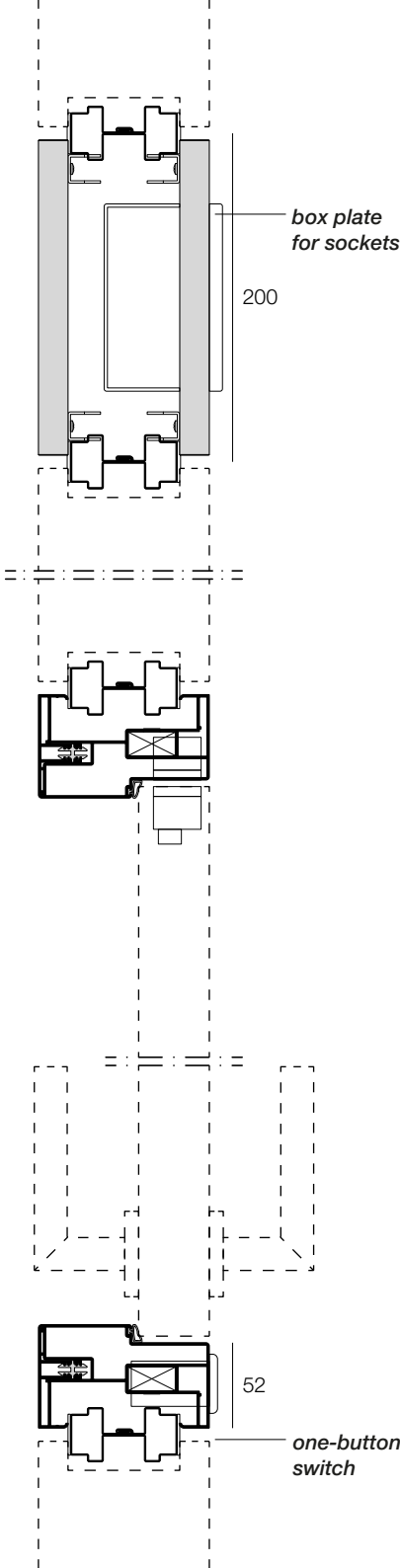
Four-way  
corner junction



Cabling and utility module  
for hinged doors

Utility module

Cabling solution

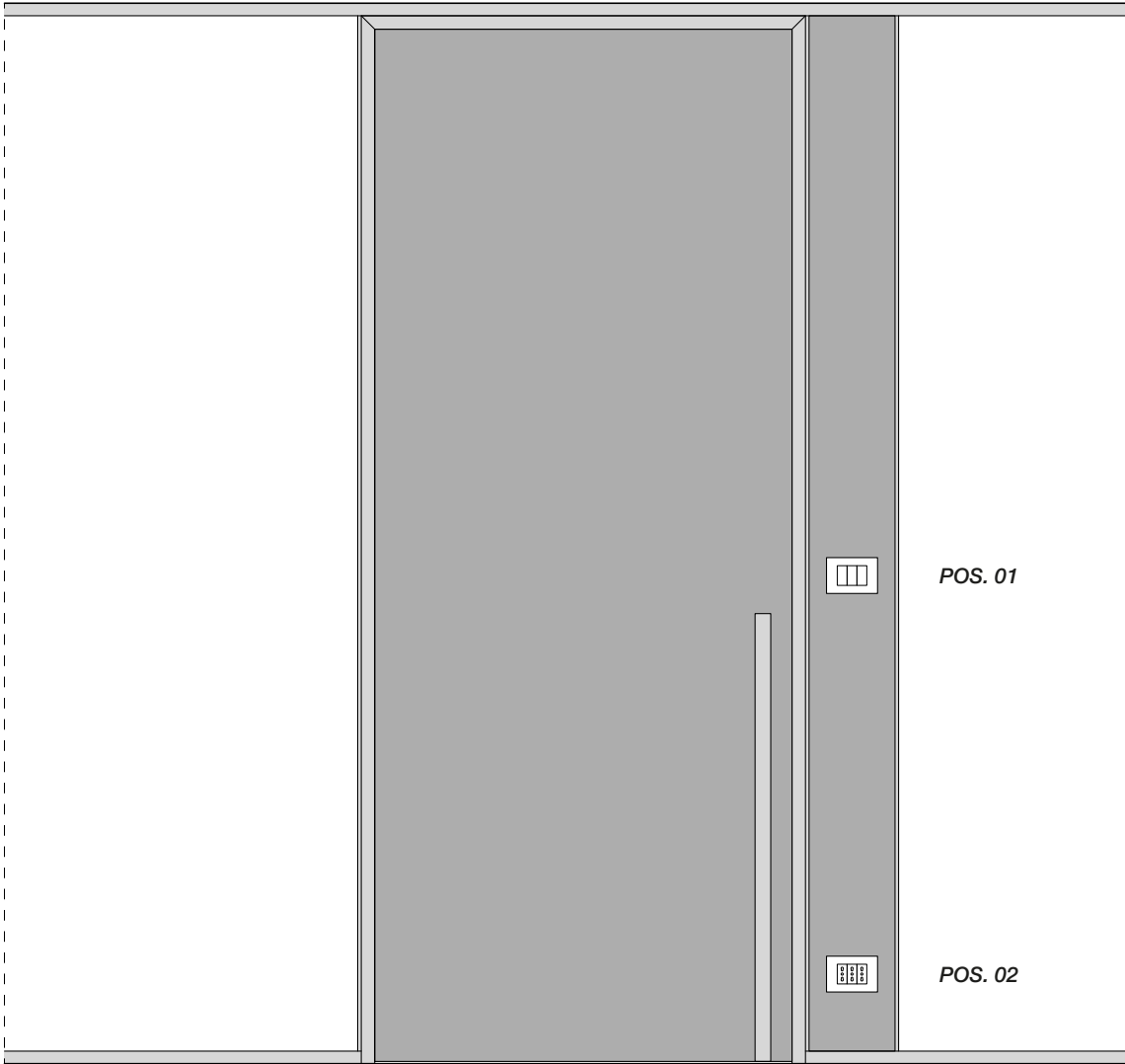
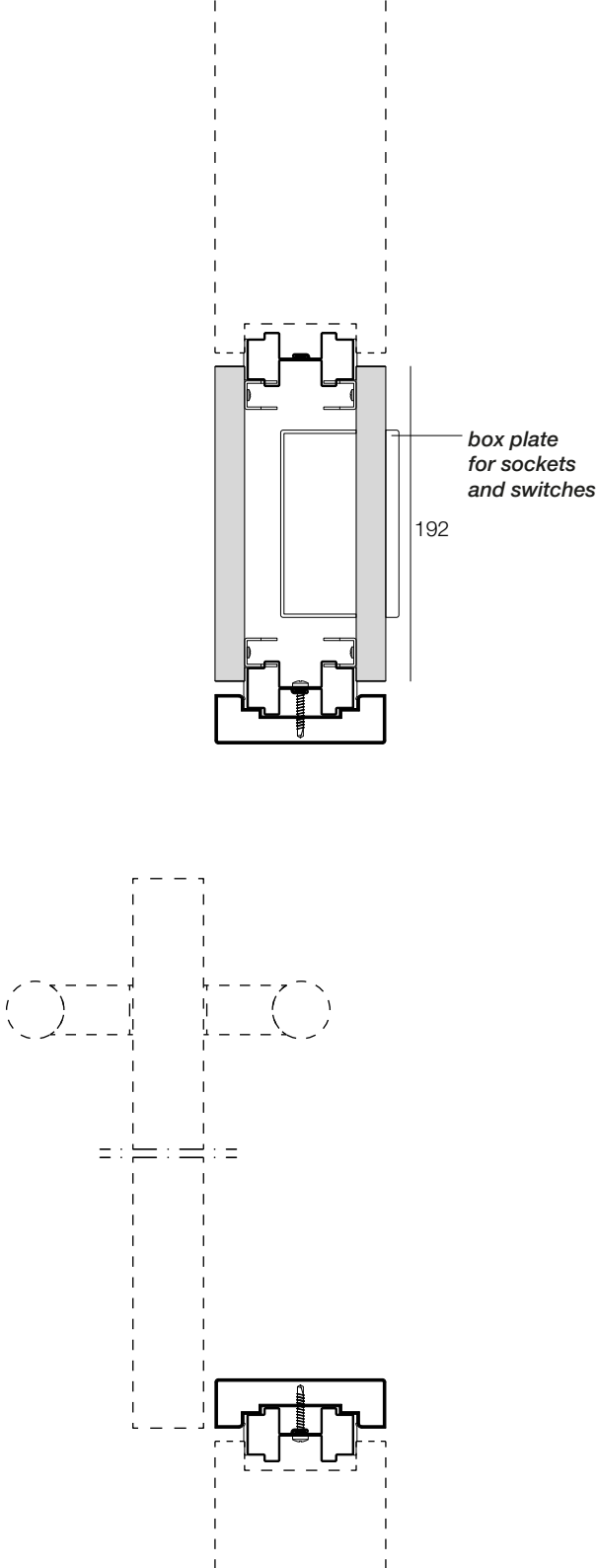


\*possible positions for switches and sockets on the door frame

Utility module  
for sliding doors



Utility module



*\*possible positions for switches and sockets on the utility module*

**METRICA®**  
STRUCTURAL

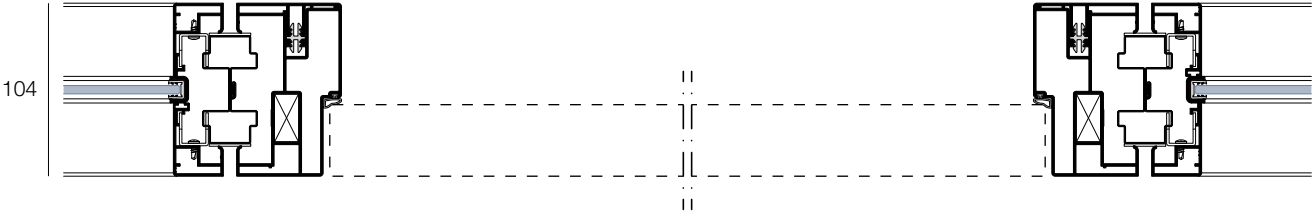
Doors and handles

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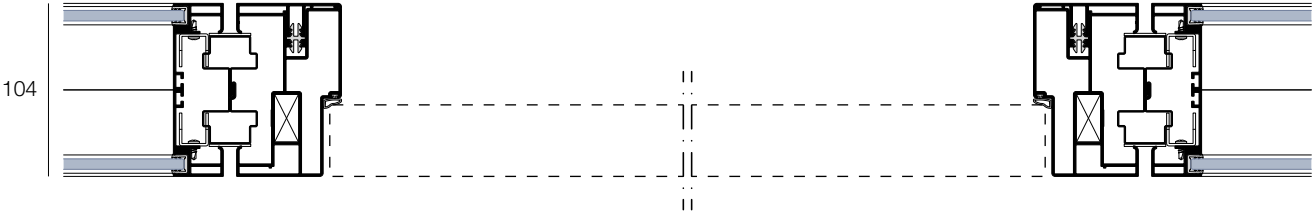
FRAMES FOR HINGED DOORS



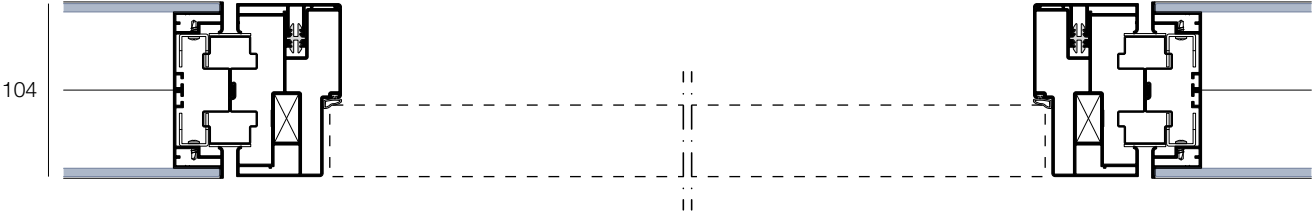
Door frame on **Metrica R**



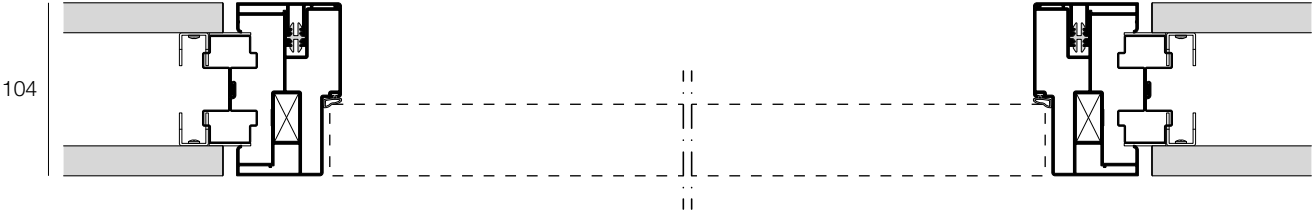
Door frame on **Metrica V**



Door frame on **Metrica S**

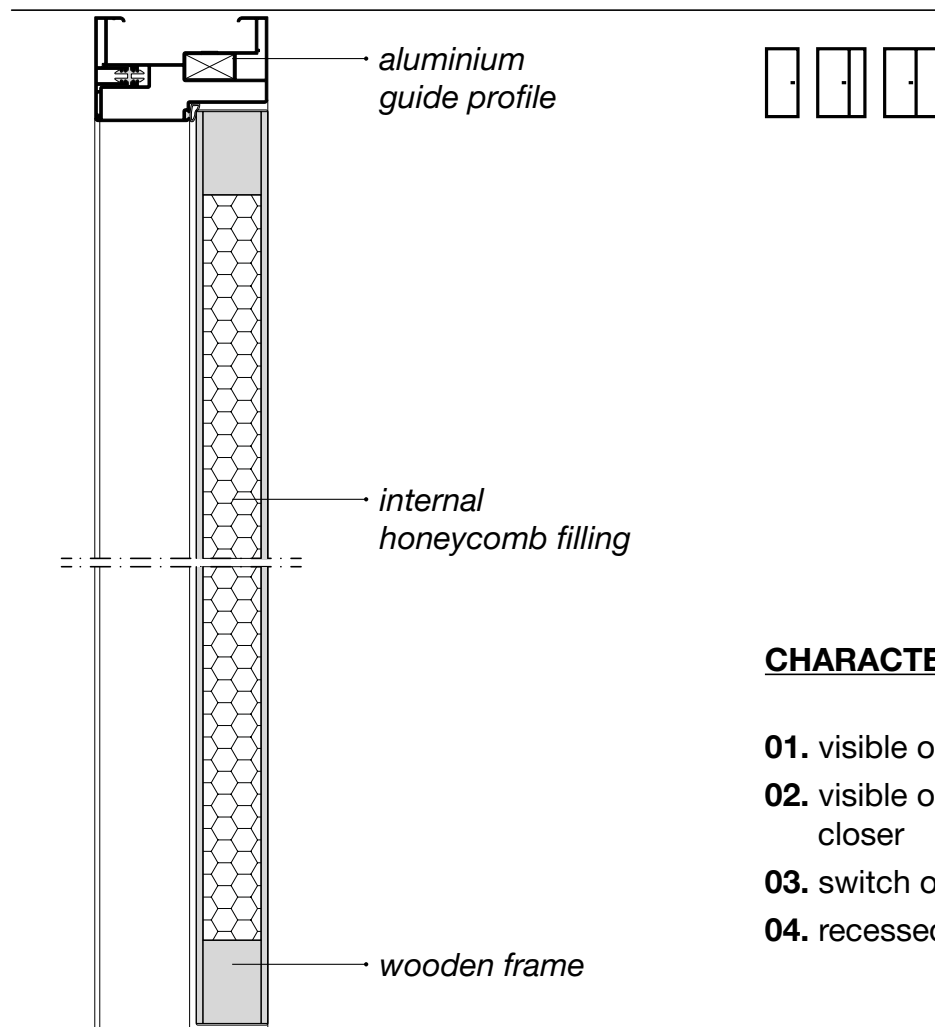


Door frame on **Metrica Solid**



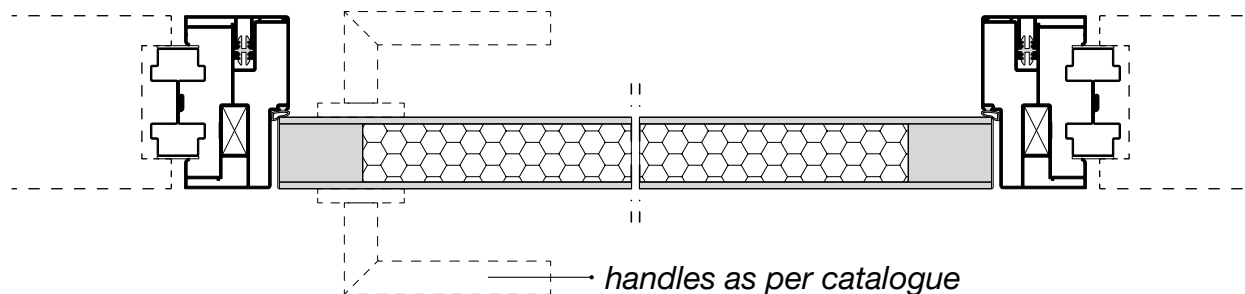


## SOLID DOOR LEAF 43 mm thick

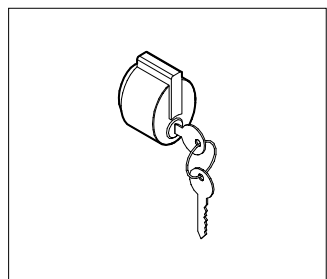


### CHARACTERISTICS

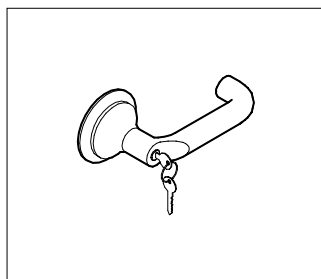
- 01.** visible or concealed hinge
- 02.** visible or concealed door closer
- 03.** switch on door upright
- 04.** recessed dust seal



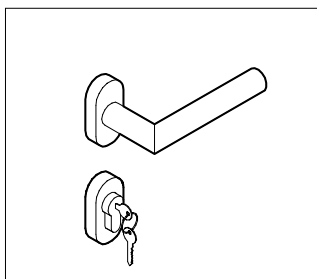
# SOLID DOOR LEAF 43 mm thick



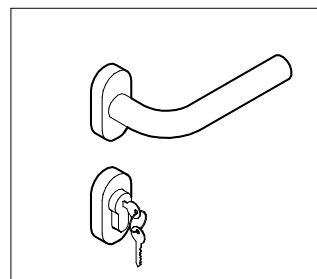
ML1



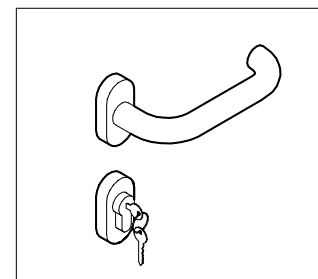
ML4



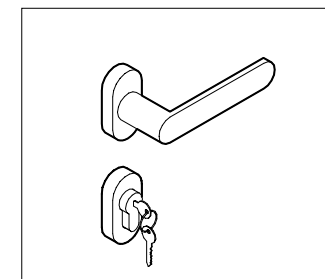
ML5



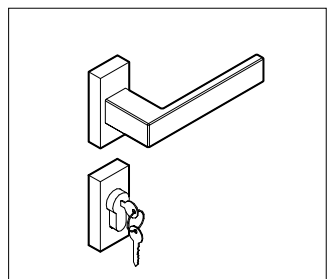
ML6



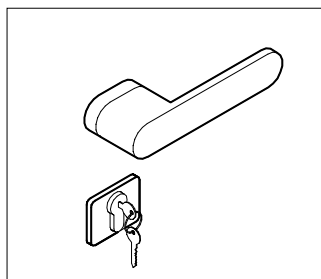
ML7



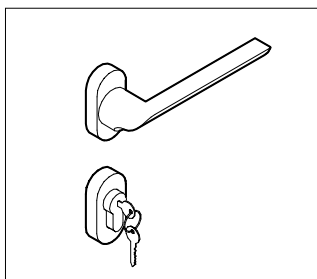
ML8



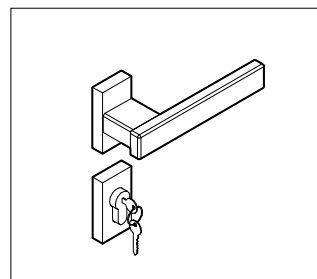
ML9



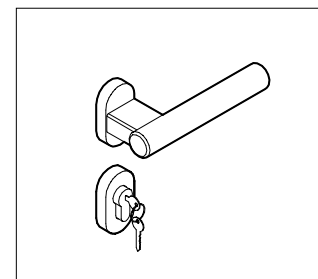
ML10



ML11

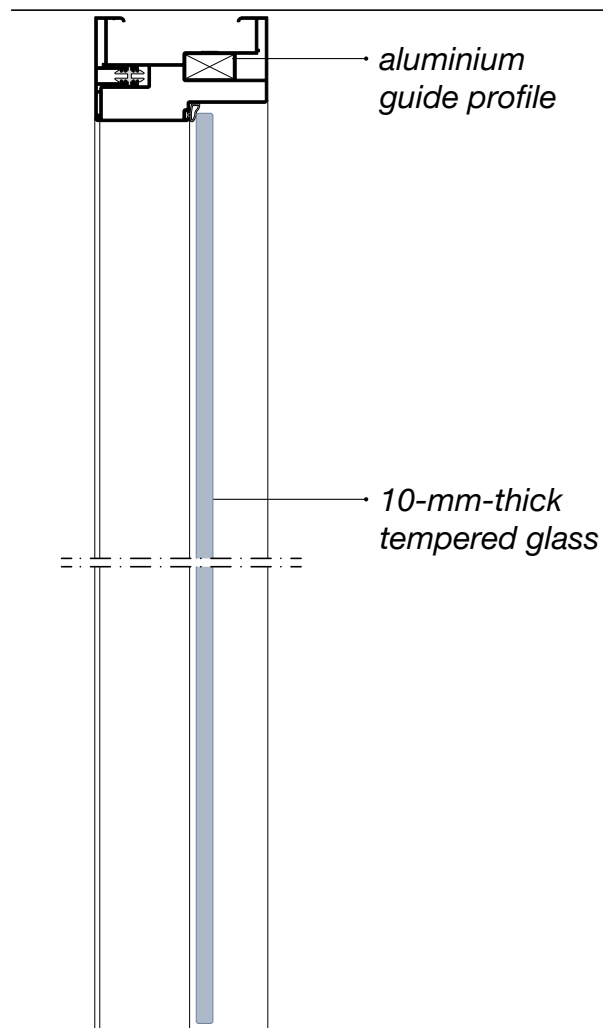


MLQ



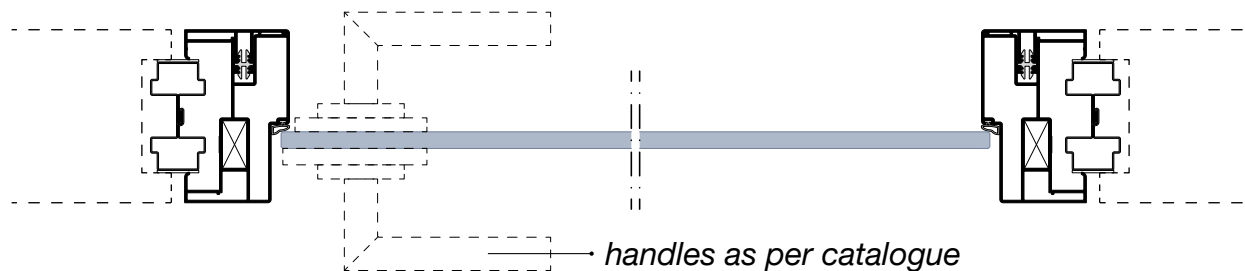
MLT

## TEMPERED GLASS DOOR LEAF\_VISIBLE HINGE 10 mm thick

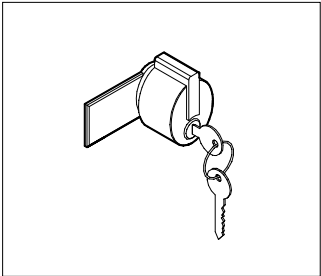


### CHARACTERISTICS

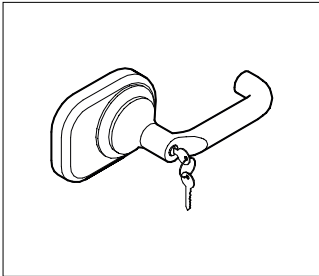
- 01.** visible hinge - 110° or 180°
- 02.** visible door closer
- 03.** handle with glass adapter
- 04.** switch on door upright
- 05.** external dust seal



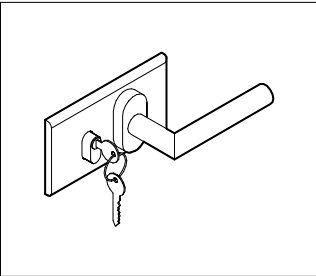
TEMPERED GLASS DOOR LEAF\_VISIBLE HINGE 10 mm thick



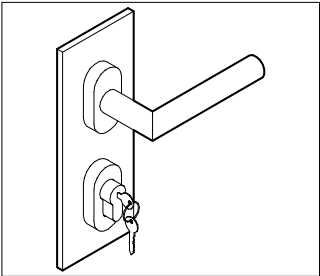
MC1



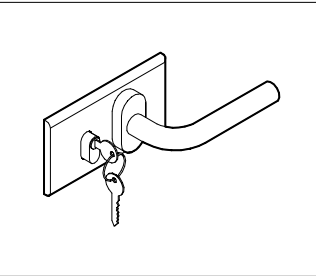
MC4



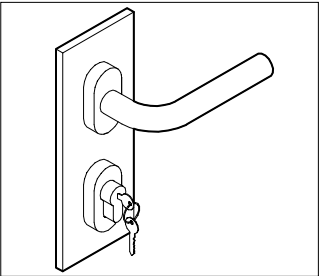
MC5



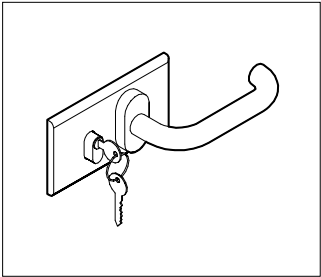
MC5V



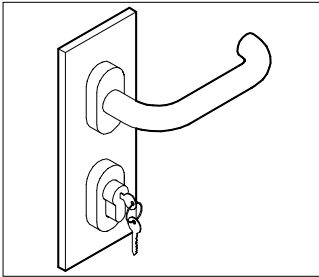
MC6



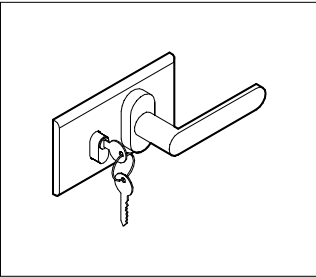
MC6V



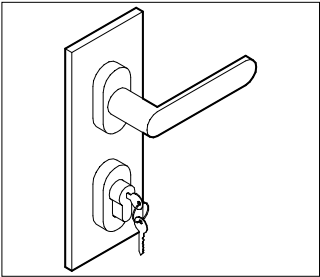
MC7



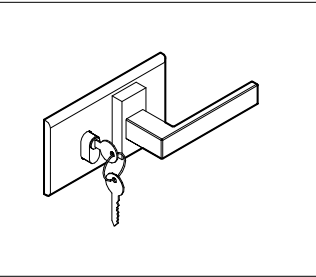
MC7V



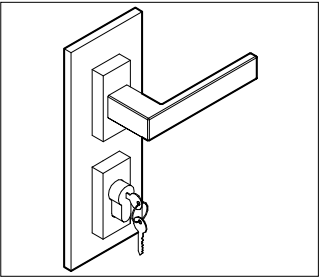
MC8



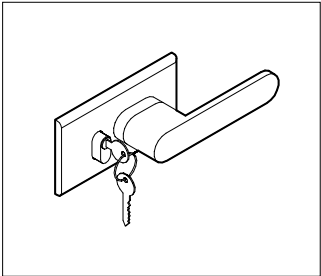
MC8V



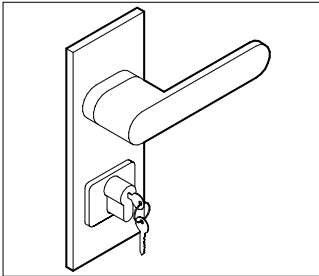
MC9



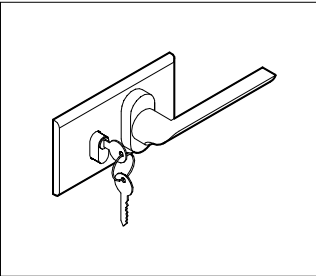
MC9V



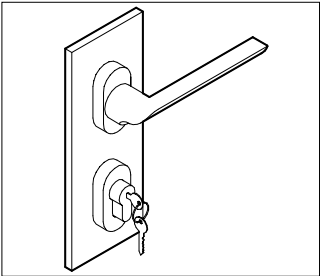
MC10



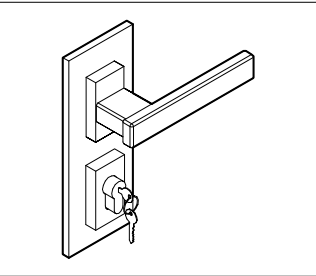
MC10V



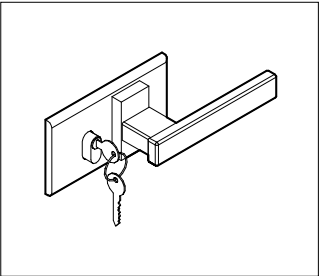
MC11



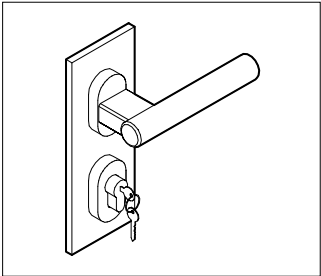
MC11V



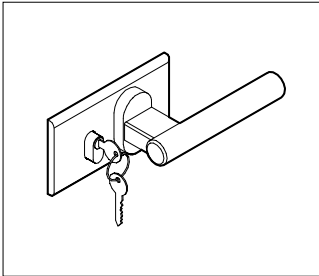
MCQ



MCQO

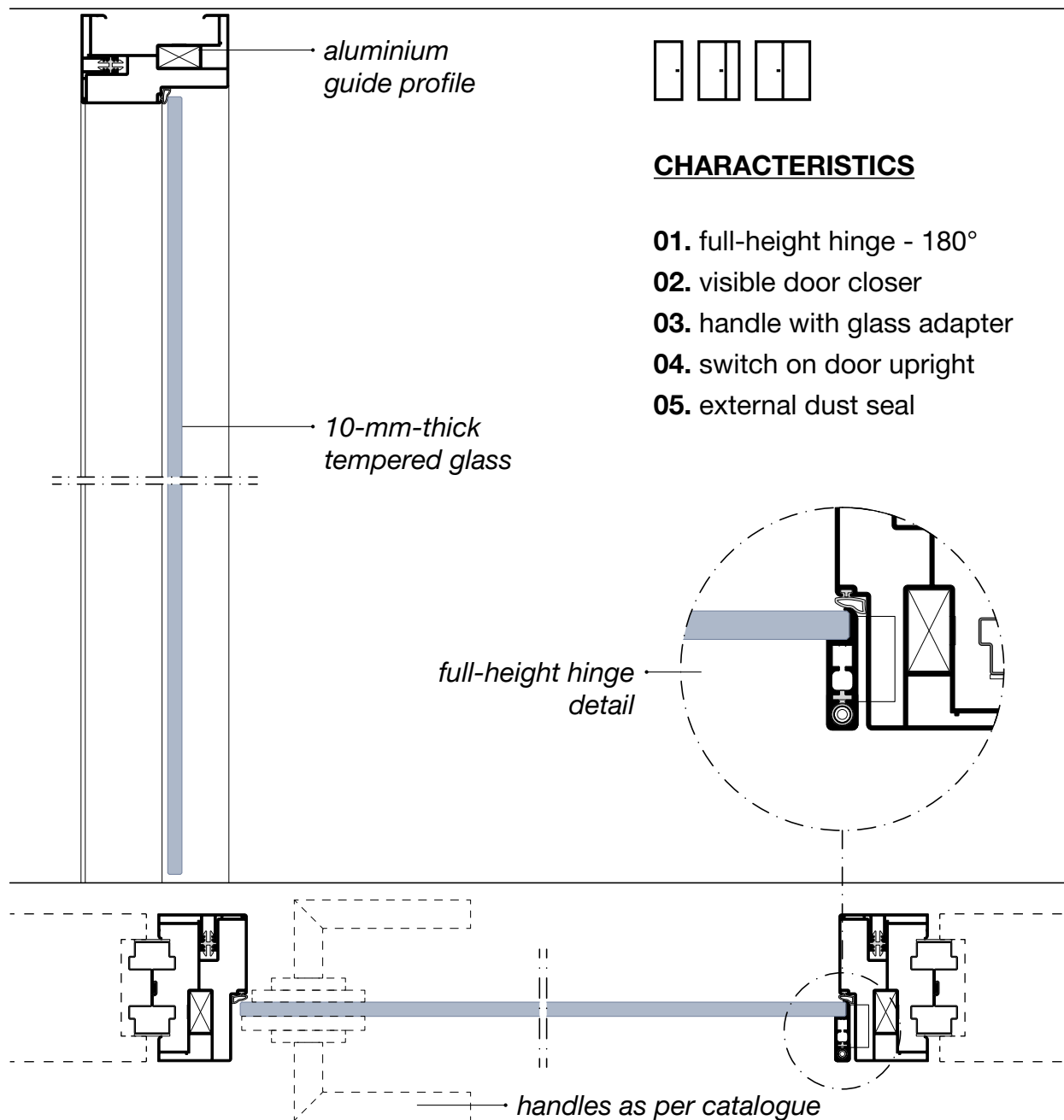
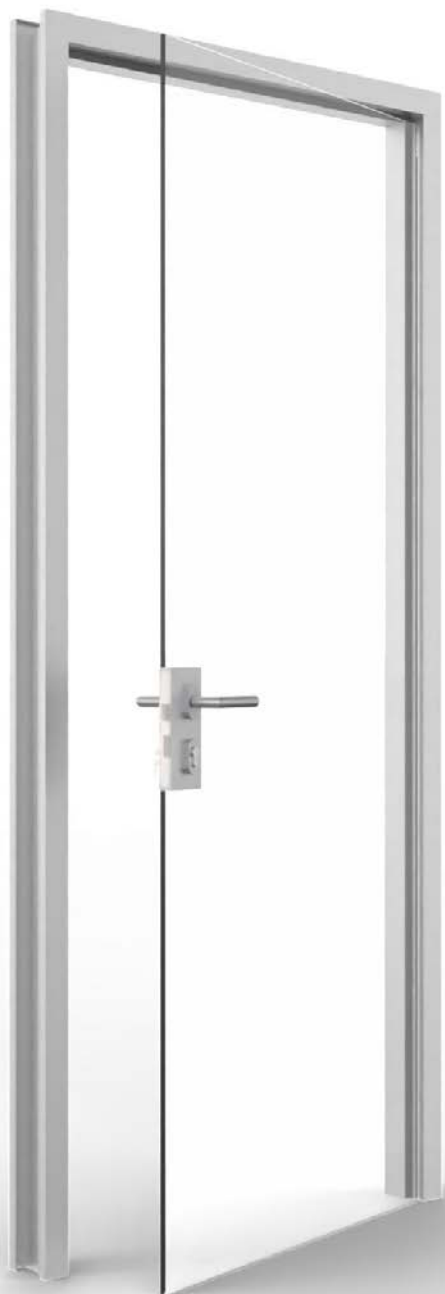


MCT

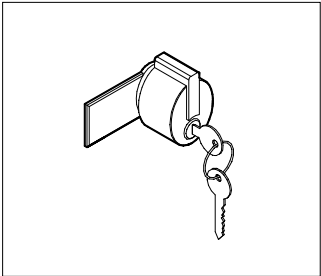


MCTO

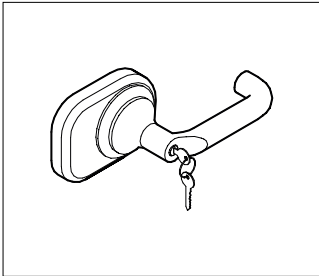
## TEMPERED GLASS DOOR LEAF\_ANODIZED FULL-HEIGHT HINGE 10 mm thick



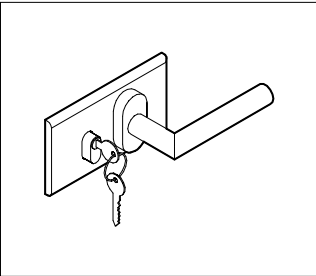
TEMPERED GLASS DOOR LEAF\_ANODIZED FULL-HEIGHT HINGE 10 mm thick



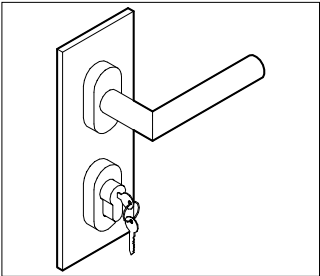
MC1



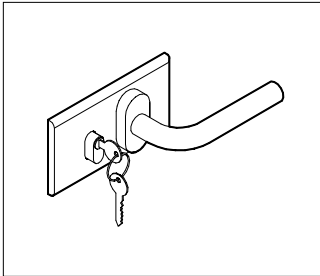
MC4



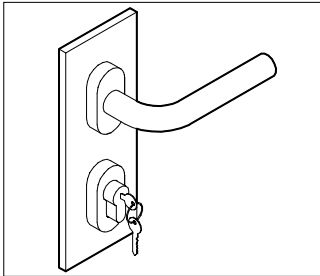
MC5



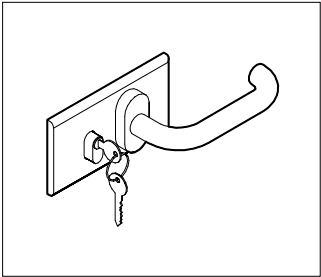
MC5V



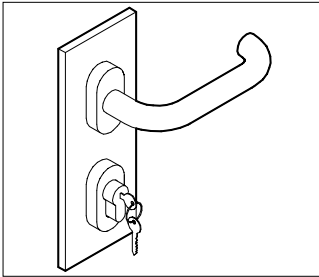
MC6



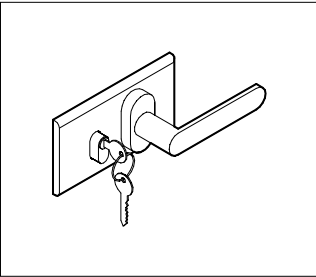
MC6V



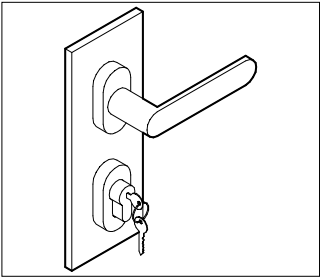
MC7



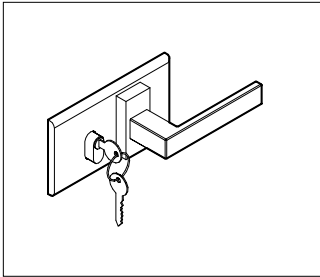
MC7V



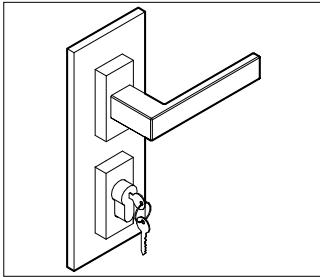
MC8



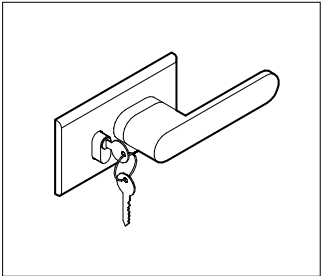
MC8V



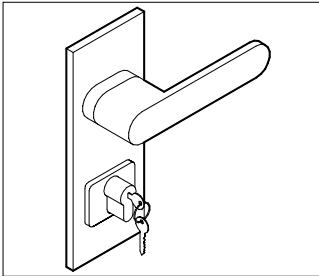
MC9



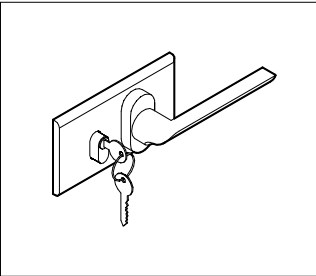
MC9V



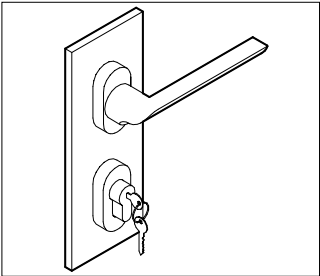
MC10



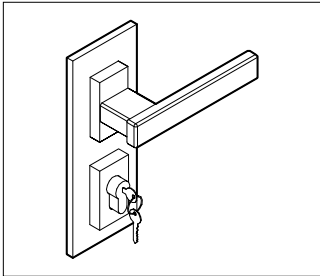
MC10V



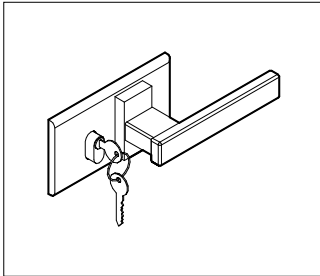
MC11



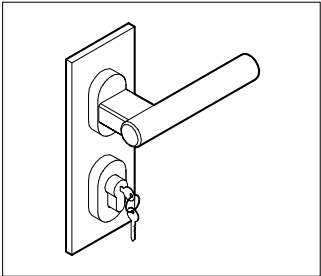
MC11V



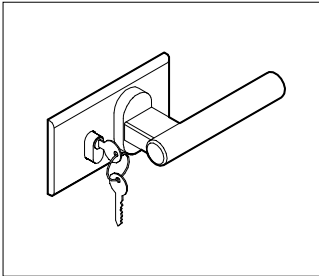
MCQ



MCQO

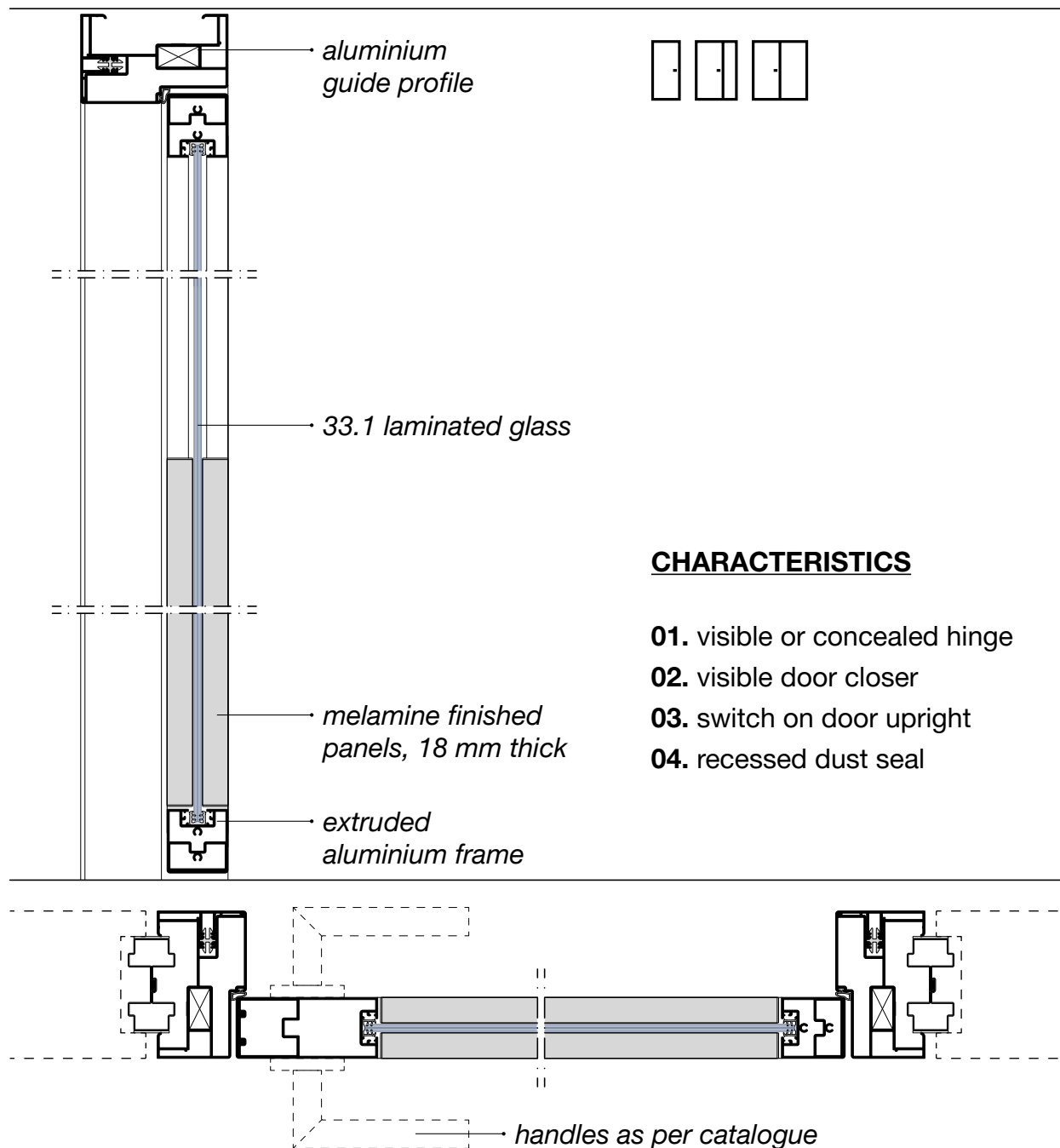


MCT

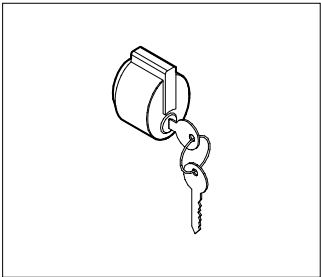


MCTO

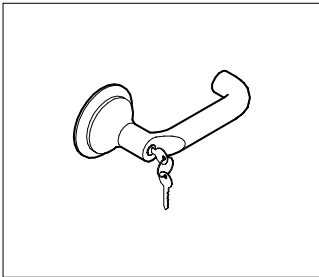
## LARGE FRAMED DOOR LEAF WITH PANEL 43 mm thick



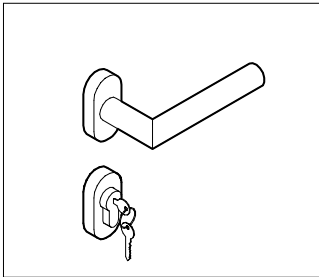
LARGE FRAMED DOOR LEAF WITH PANEL 43 mm thick



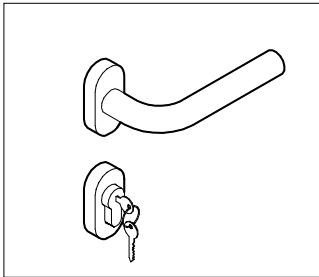
ML1



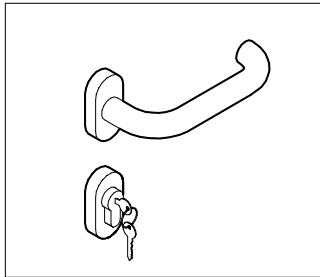
ML4



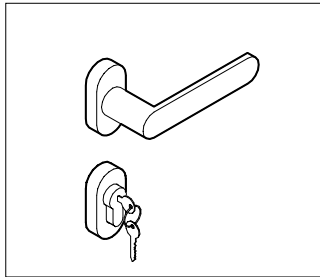
ML5



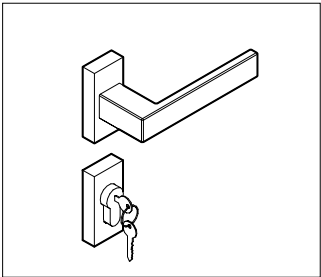
ML6



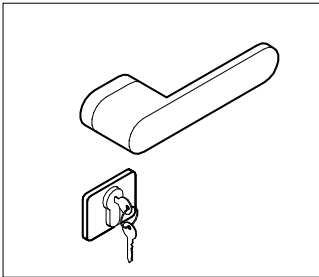
ML7



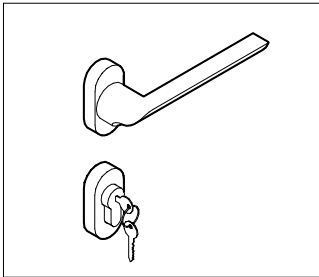
ML8



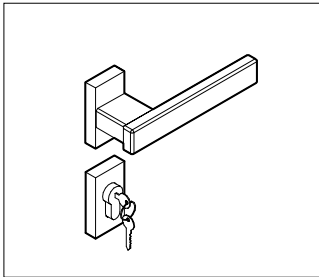
ML9



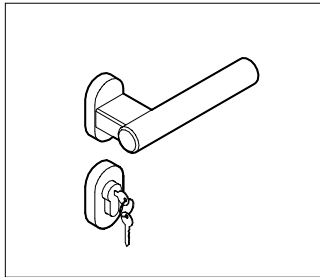
ML10



ML11



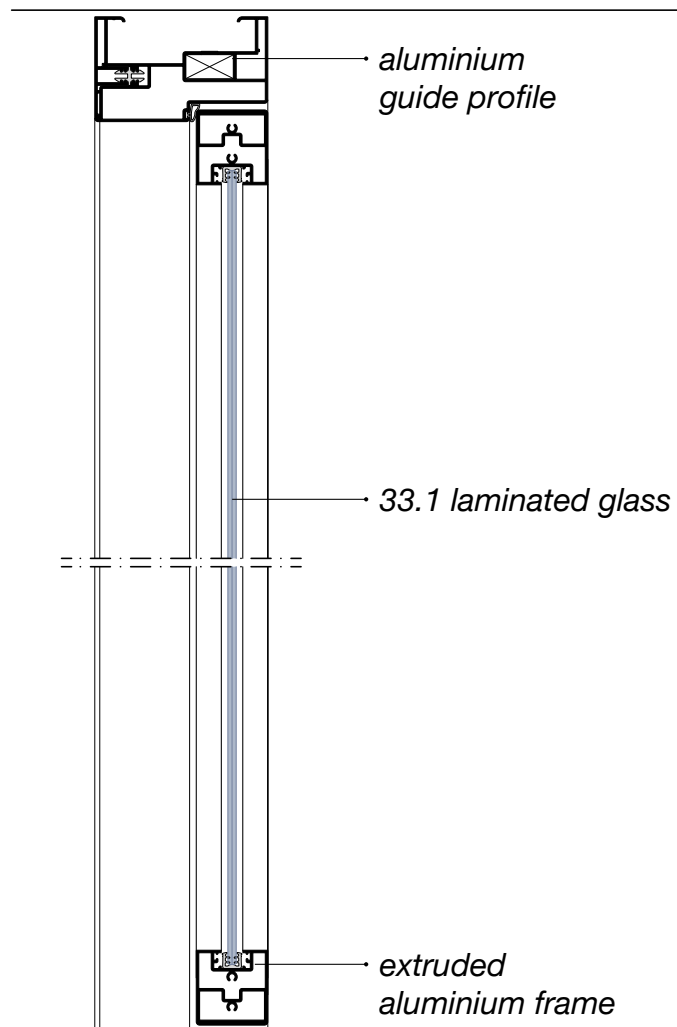
MLQ



MLT

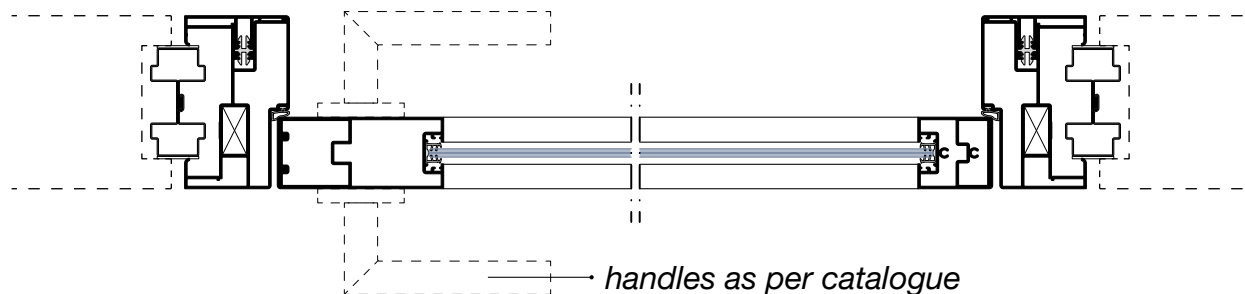


## LARGE FRAMED DOOR LEAF 43 mm thick

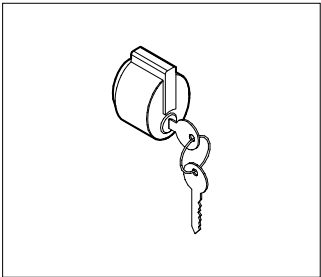


### CHARACTERISTICS

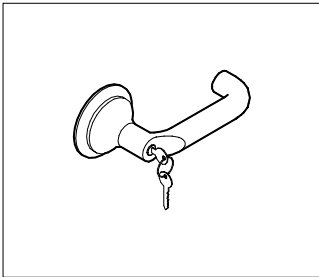
- 01. visible or concealed hinge
- 02. visible door closer
- 03. switch on door upright
- 04. recessed dust seal



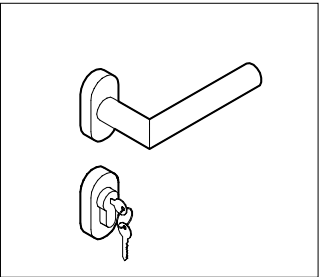
LARGE FRAMED DOOR LEAF 43 mm thick



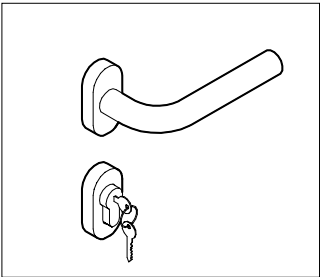
ML1



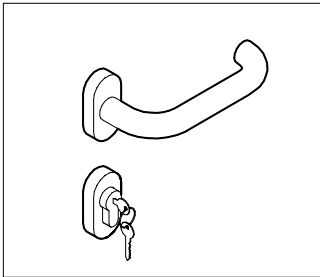
ML4



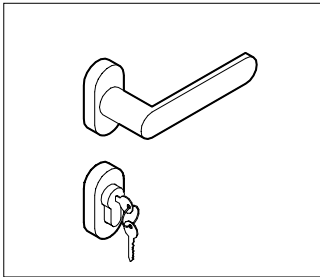
ML5



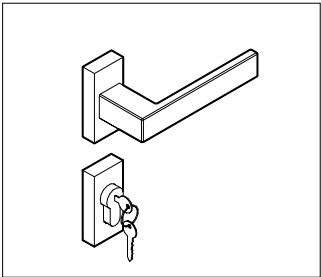
ML6



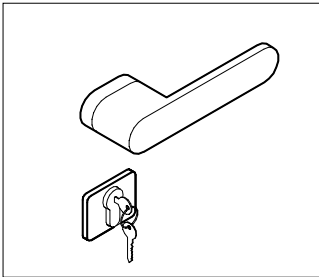
ML7



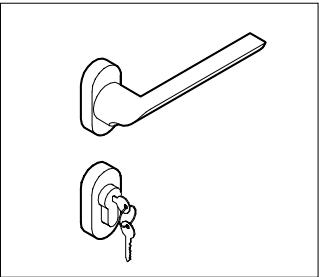
ML8



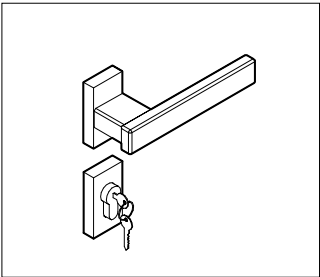
ML9



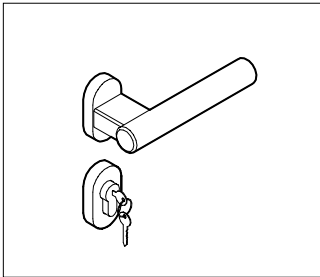
ML10



ML11

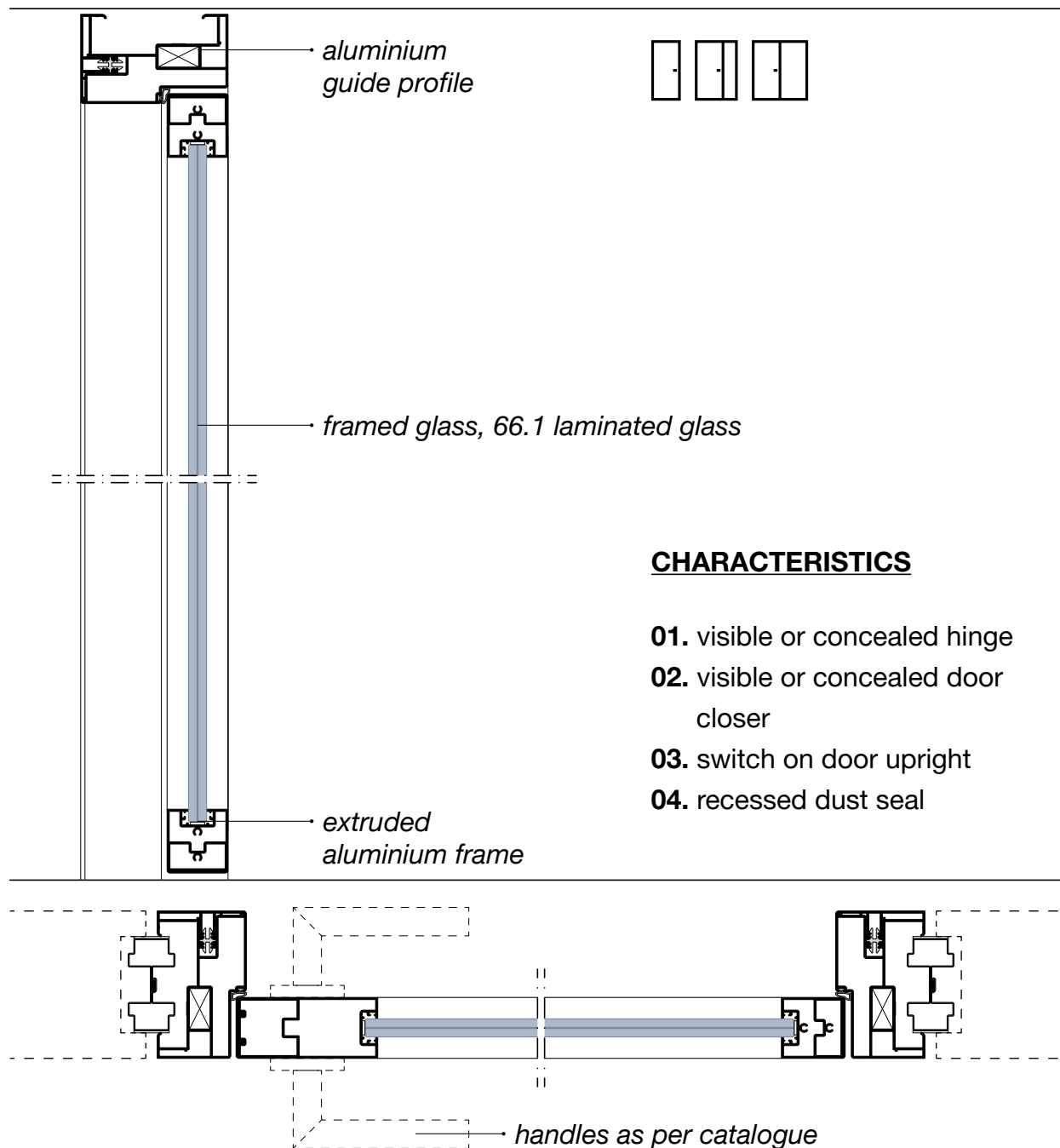


MLQ

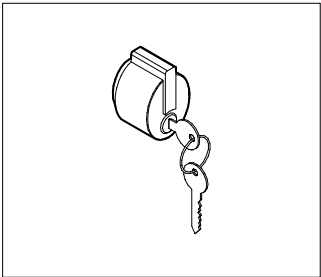


MLT

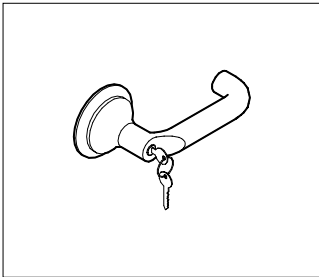
## MEDIUM FRAMED DOOR LEAF 43 mm thick



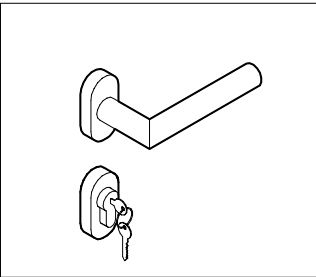
MEDIUM FRAMED DOOR LEAF 43 mm thick



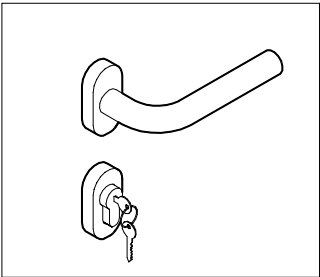
ML1



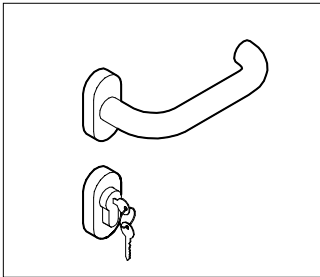
ML4



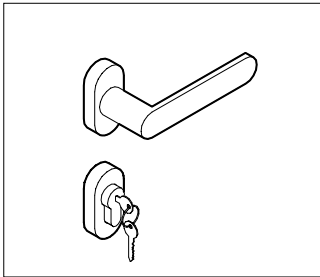
ML5



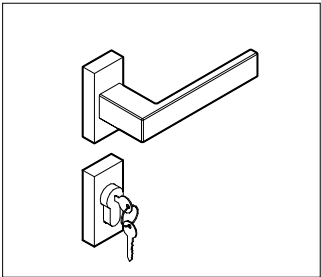
ML6



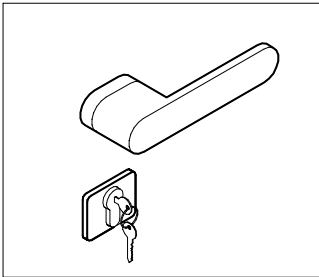
ML7



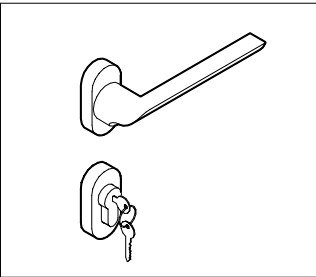
ML8



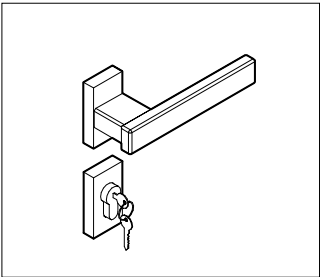
ML9



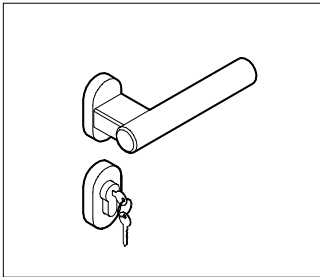
ML10



ML11

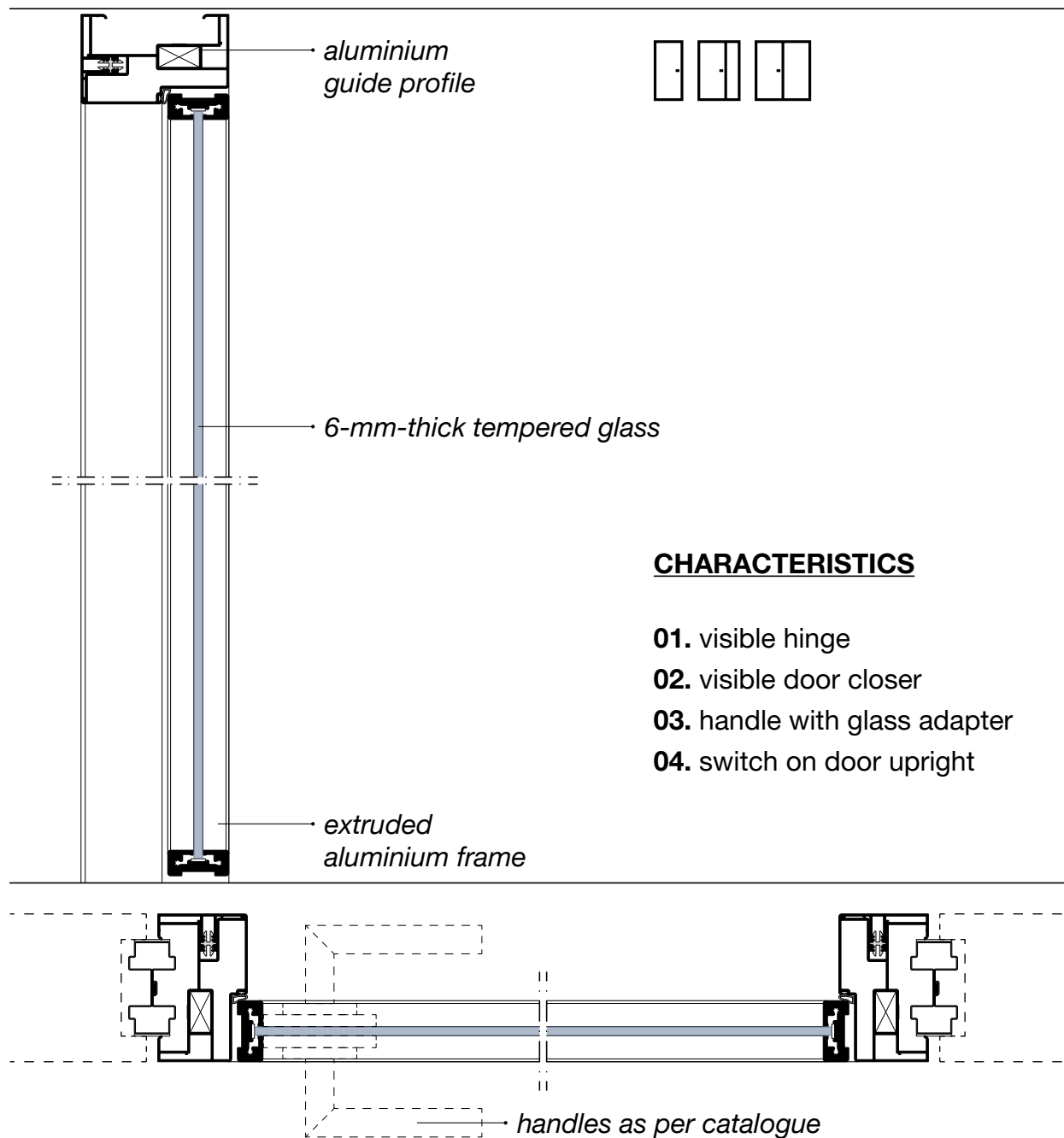


MLQ

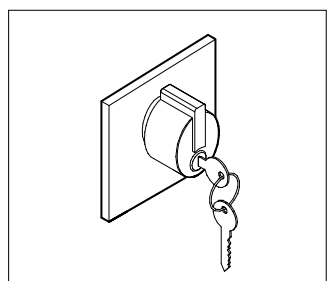


MLT

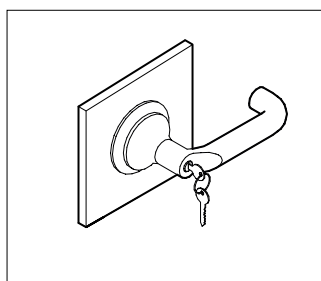
## THIN FRAMED DOOR LEAF 43 mm thick



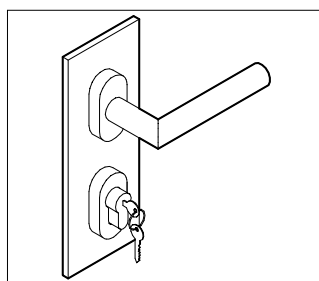
# THIN FRAMED DOOR LEAF 43 mm thick



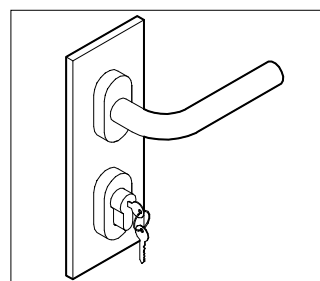
ML1



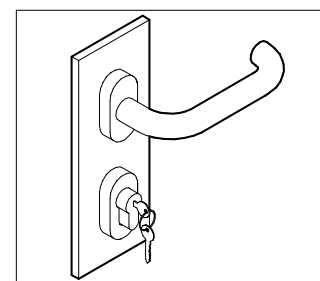
ML4



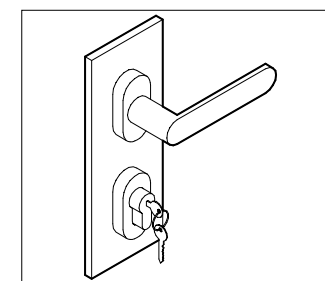
ML5



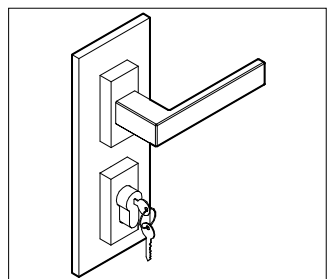
ML6



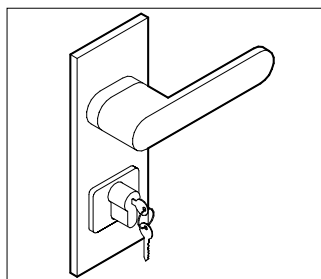
ML7



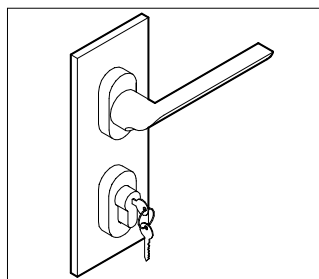
ML8



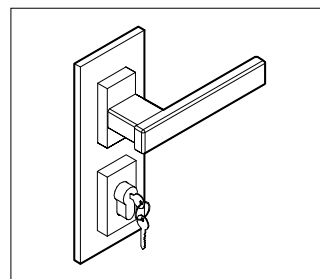
ML9



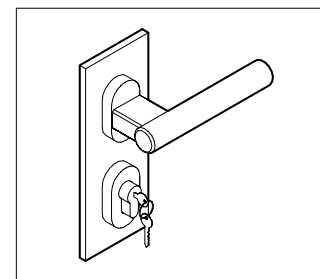
ML10



ML11

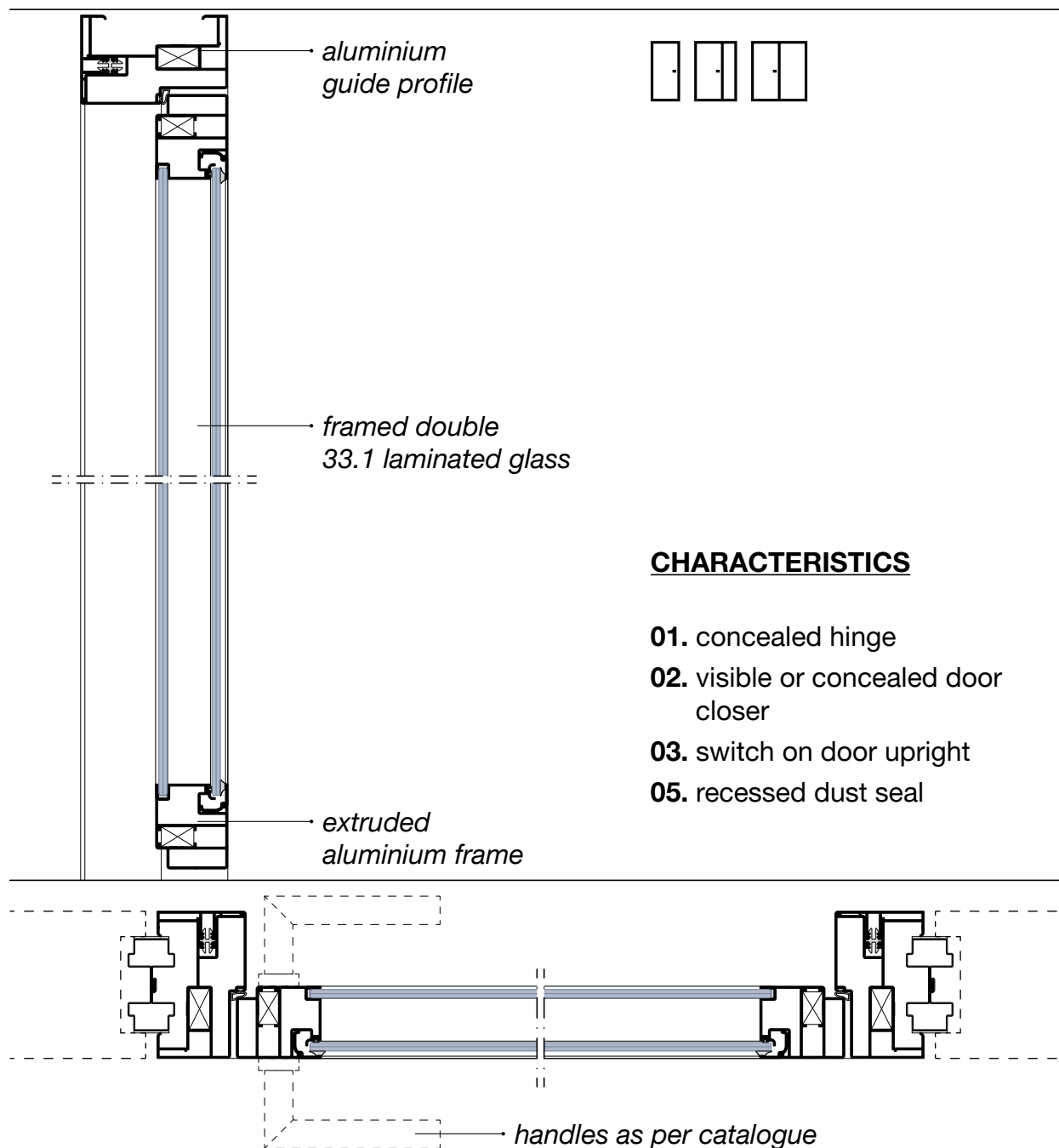


MLQ

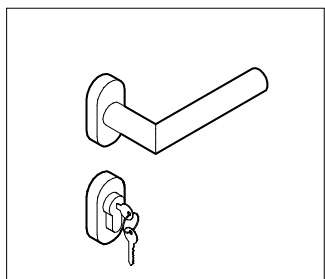


MLT

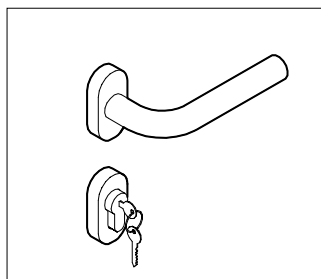
## FRAMED DOUBLE-GLASS DOOR LEAF 51 mm thick



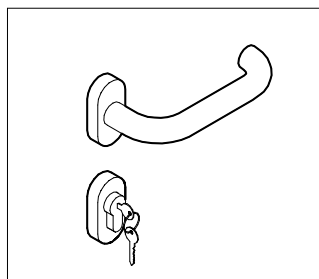
# FRAMED DOUBLE-GLASS DOOR LEAF 51 mm thick



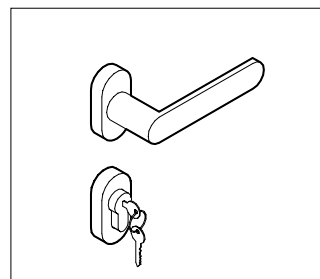
**ML5**



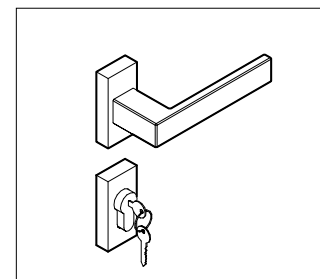
**ML6**



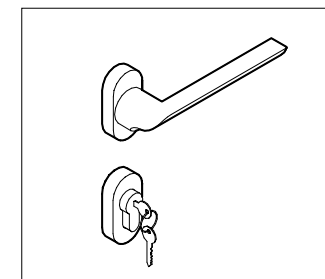
**ML7**



**ML8**



**ML9**

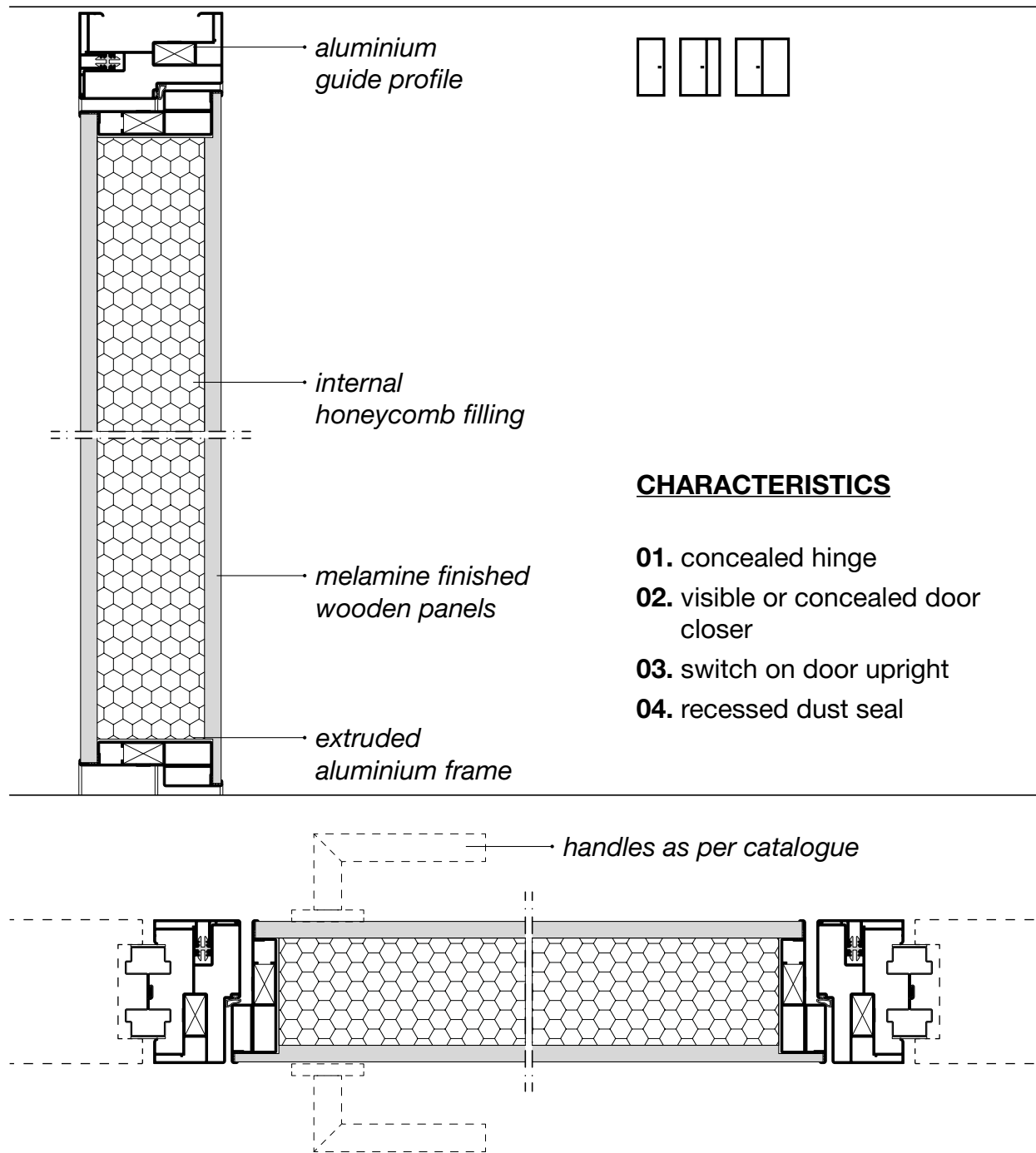


**ML11**

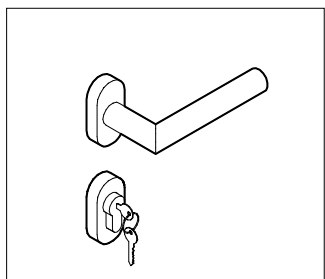


## SOLID DOOR LEAF 104 mm thick

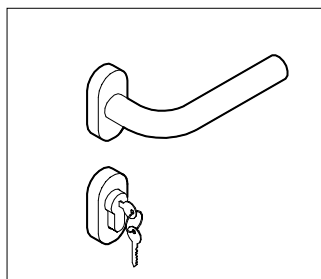
Flush door



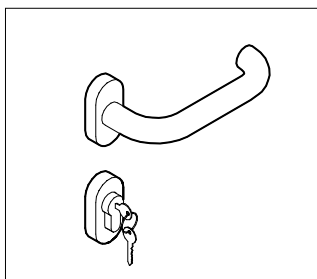
# SOLID DOOR LEAF 104 mm thick



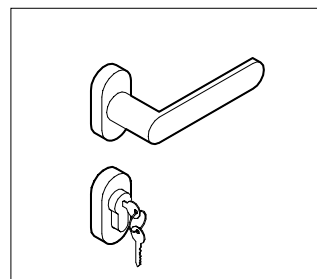
**ML5**



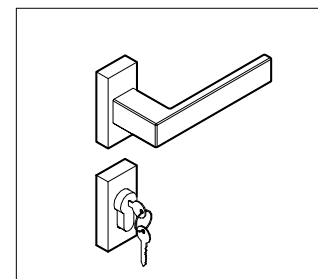
**ML6**



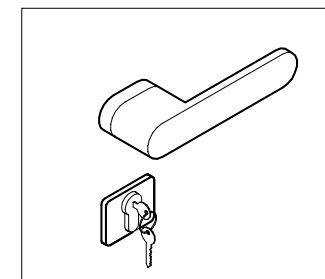
**ML7**



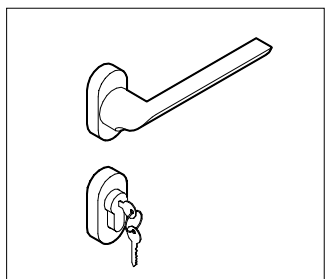
**ML8**



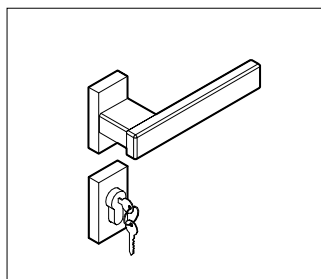
**ML9**



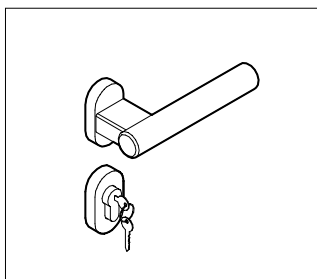
**ML10**



**ML11**



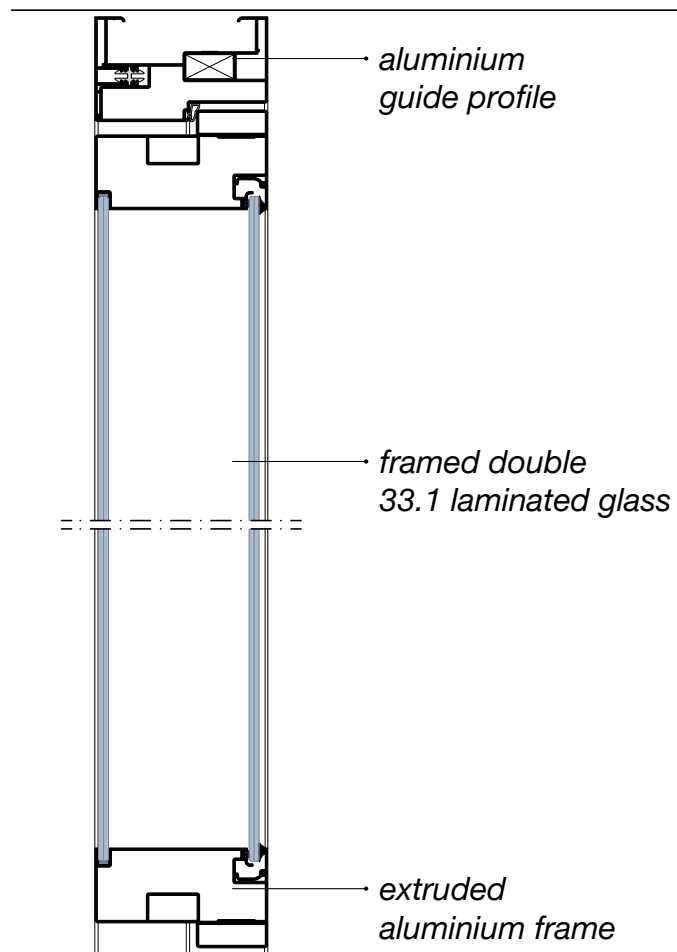
**MLQ**



**MLT**

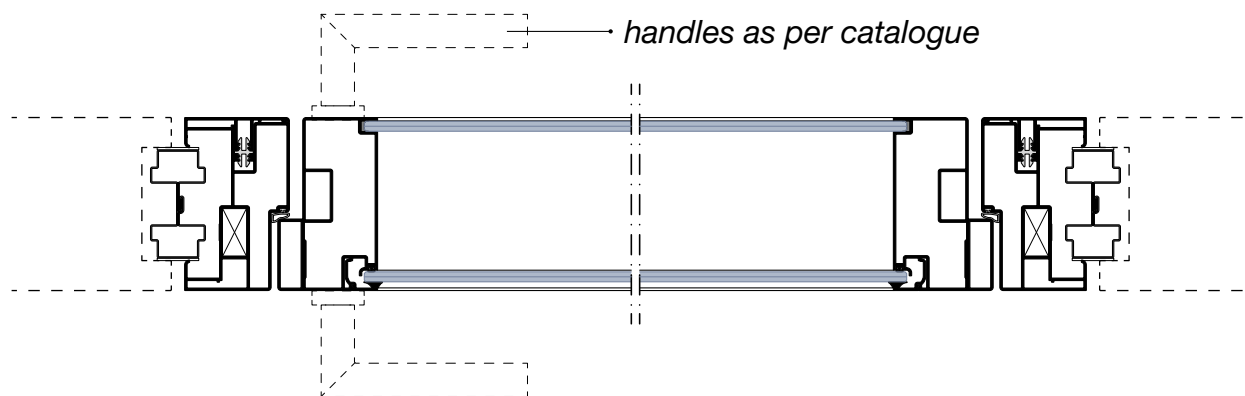
## FRAMED DOUBLE-GLASS DOOR LEAF 104 mm thick

Flush door

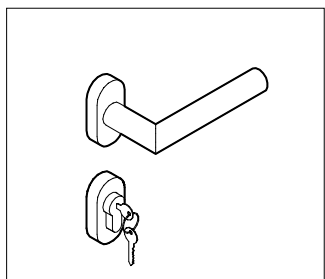


### CHARACTERISTICS

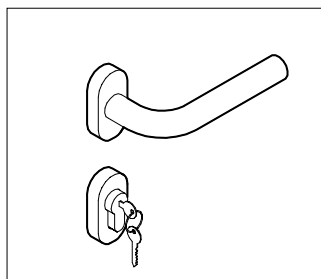
- 01.** concealed hinge
- 02.** visible or concealed door closer
- 03.** switch on door upright
- 04.** recessed dust seal



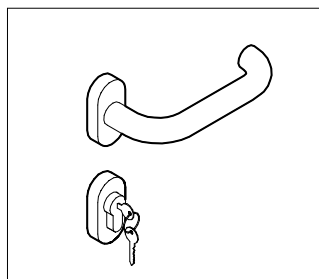
# FRAMED DOUBLE-GLASS DOOR LEAF 104 mm thick



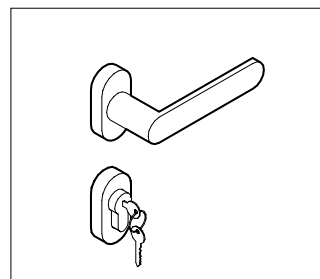
ML5



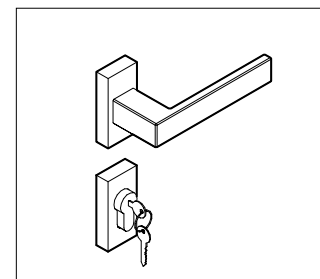
ML6



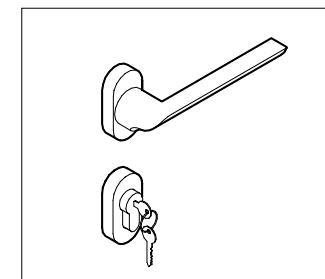
ML7



ML8



ML9

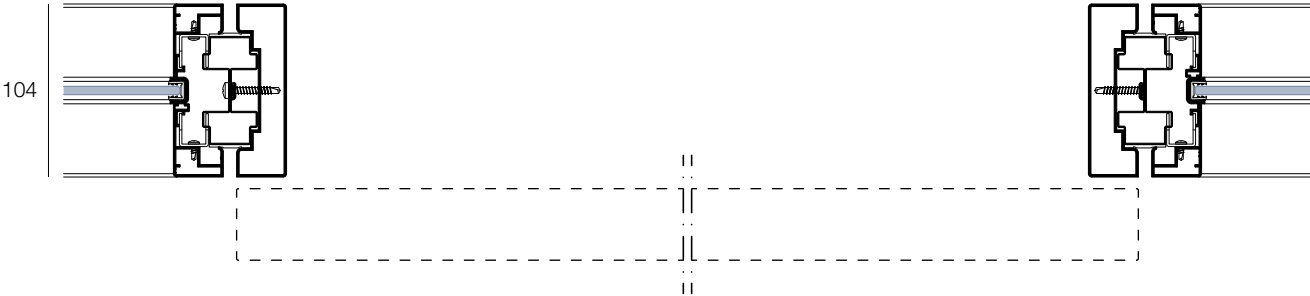


ML11

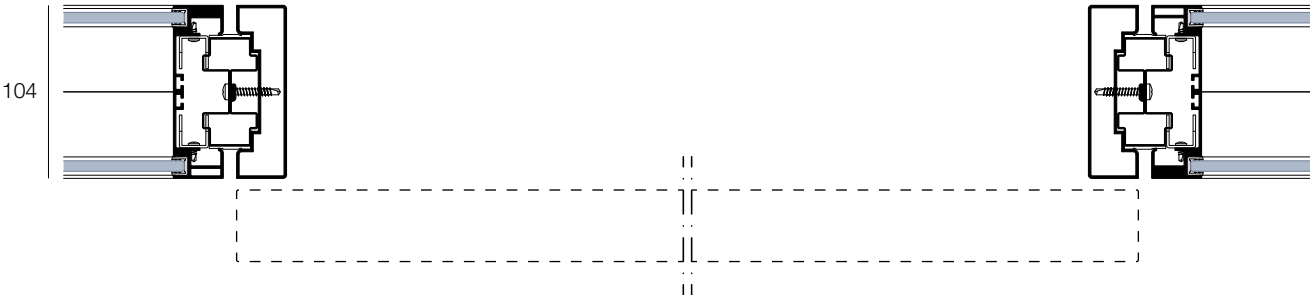
FRAMES FOR SLIDING DOORS



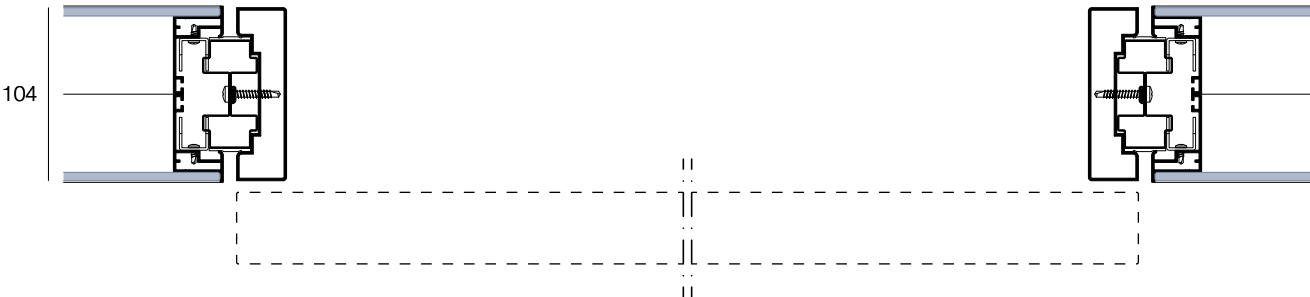
Door frame on **Metrica R**



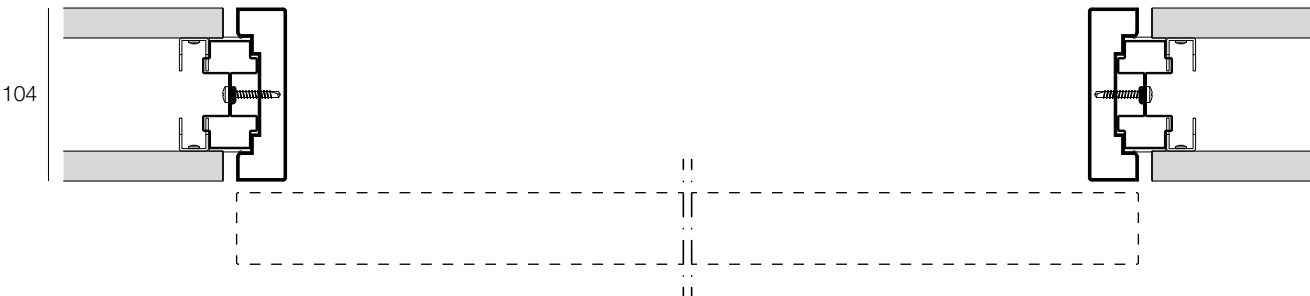
Door frame on **Metrica V**



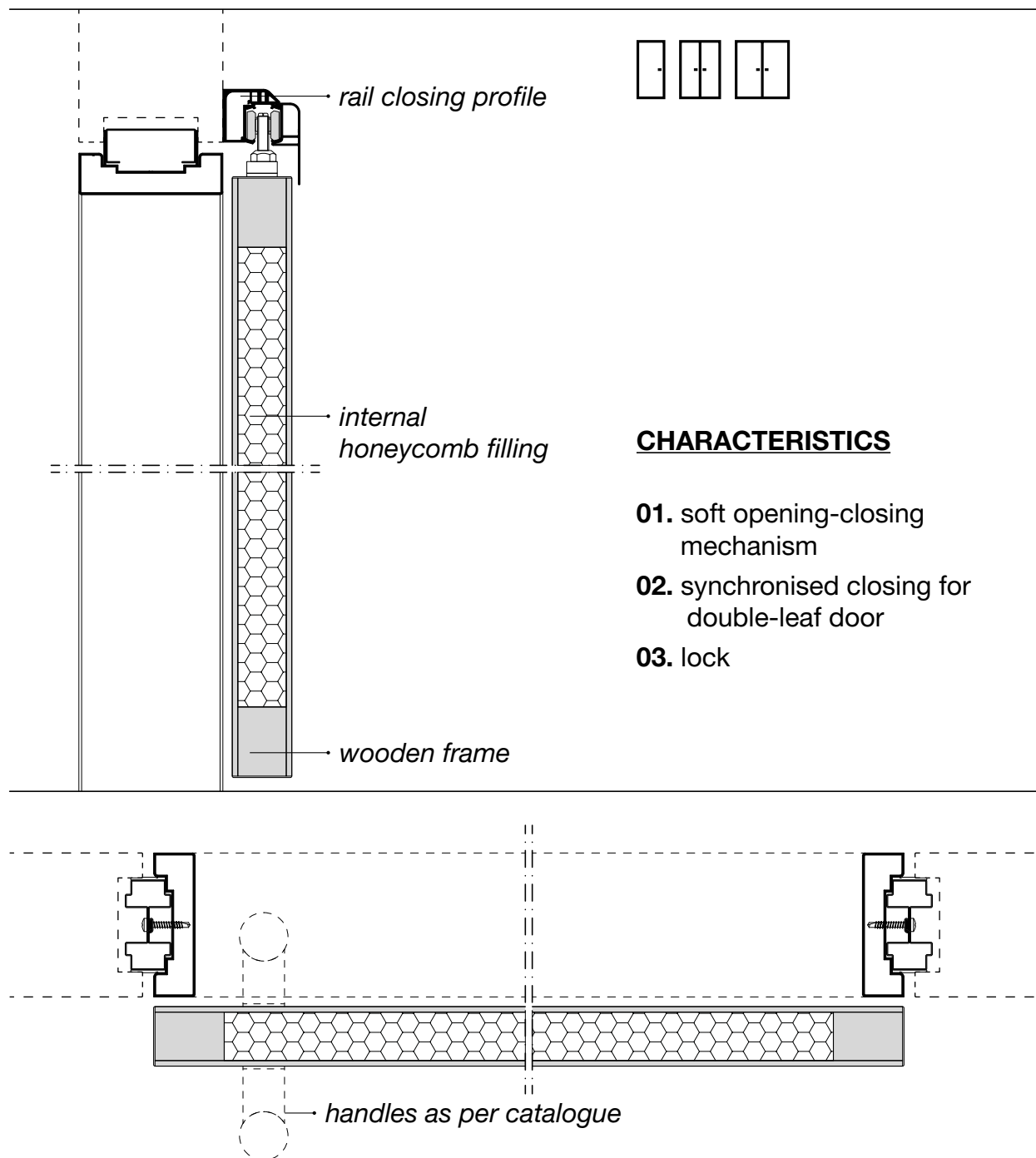
Door frame on **Metrica S**



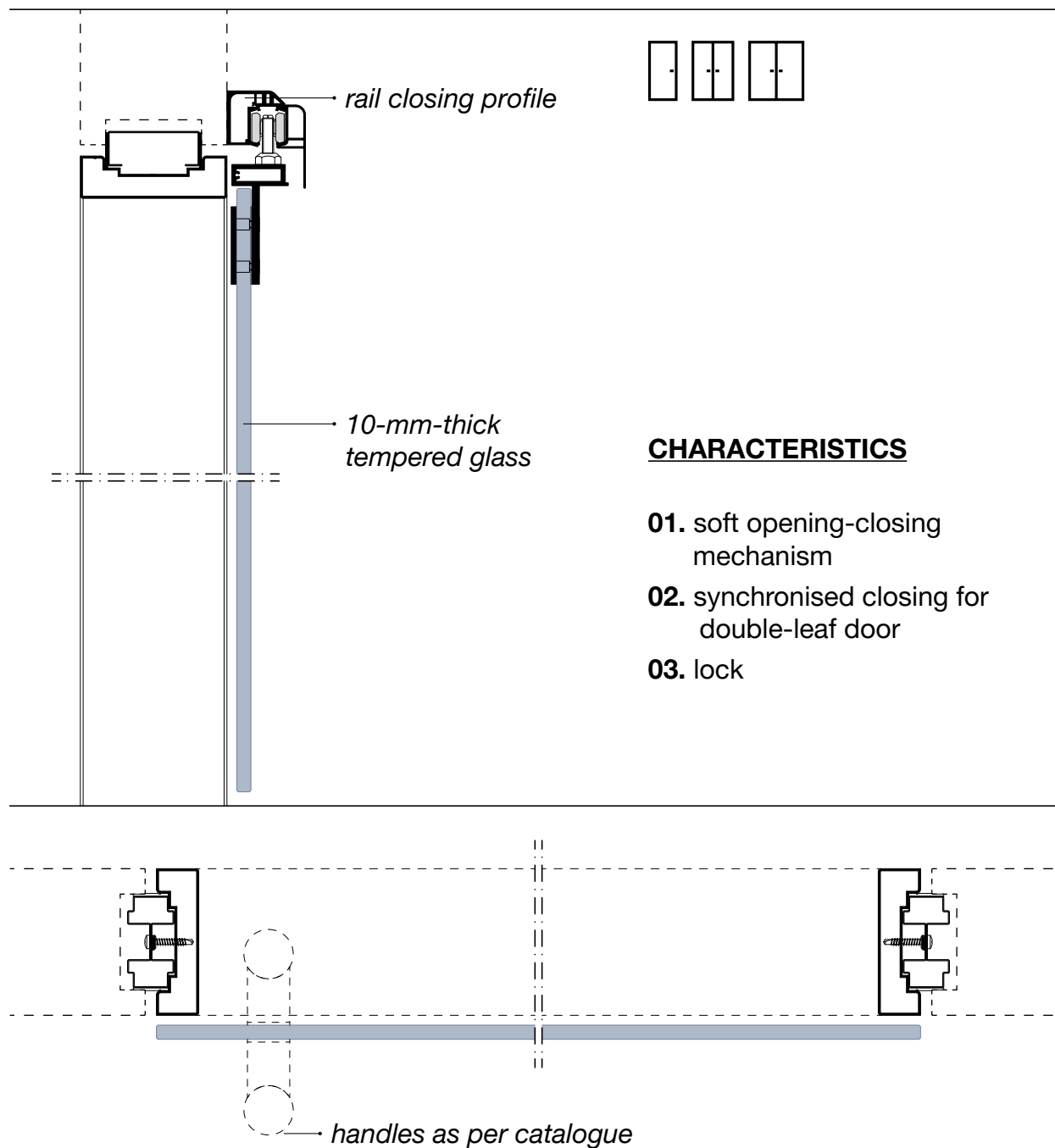
Door frame on **Metrica Solid**



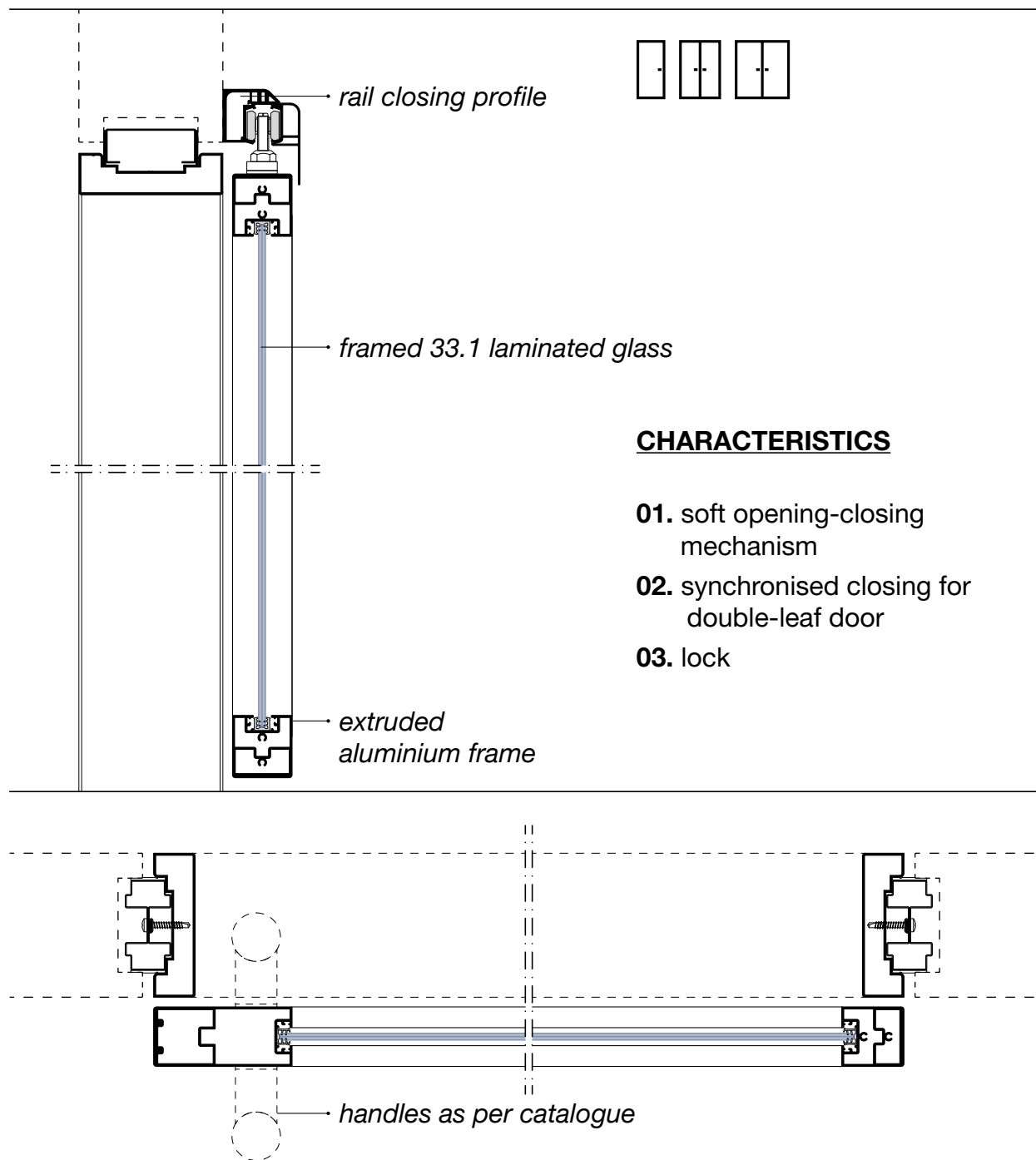
## SOLID DOOR LEAF 43 mm thick



## TEMPERED GLASS DOOR LEAF 10 mm thick

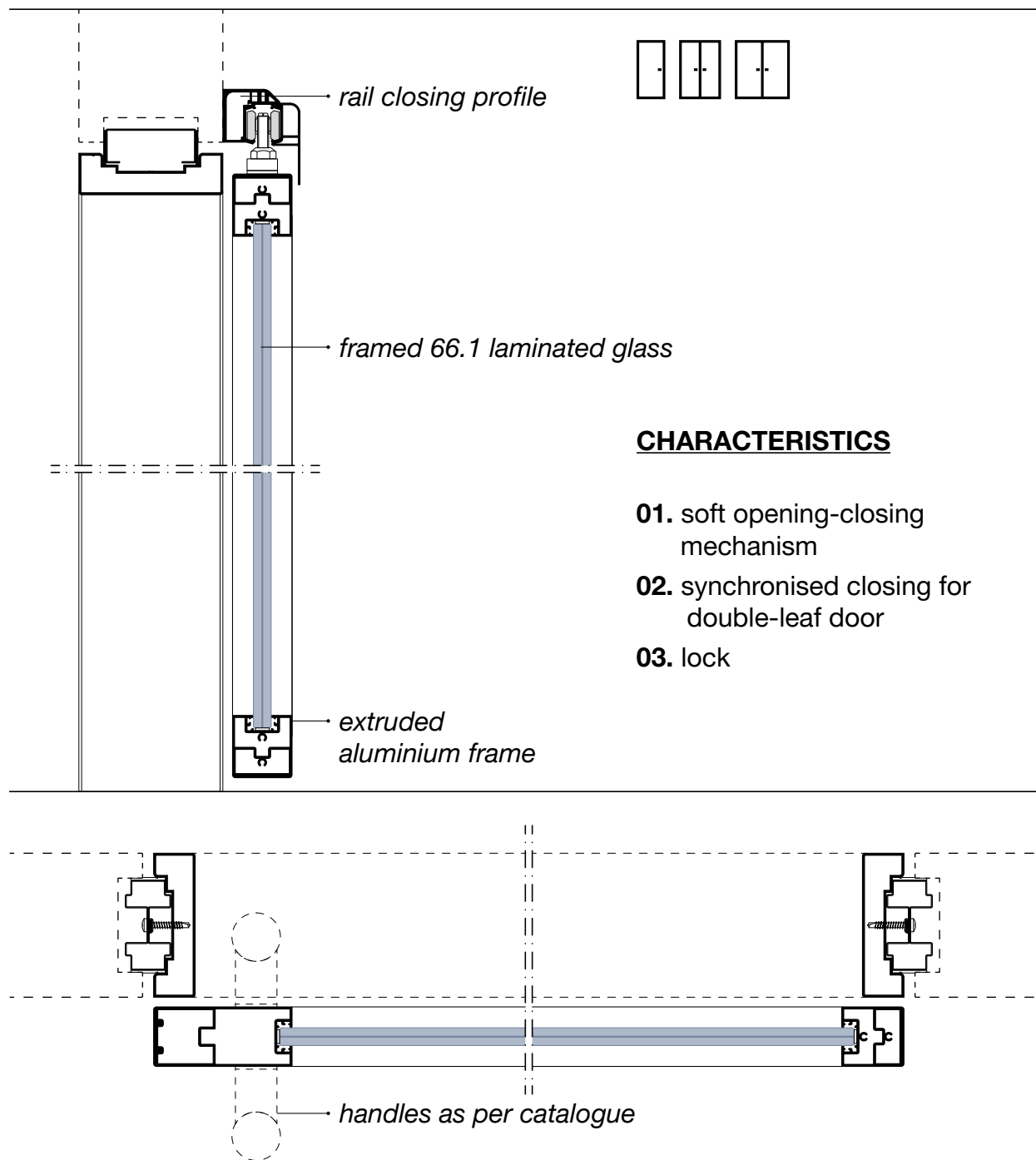


## LARGE FRAMED DOOR LEAF 43 mm thick

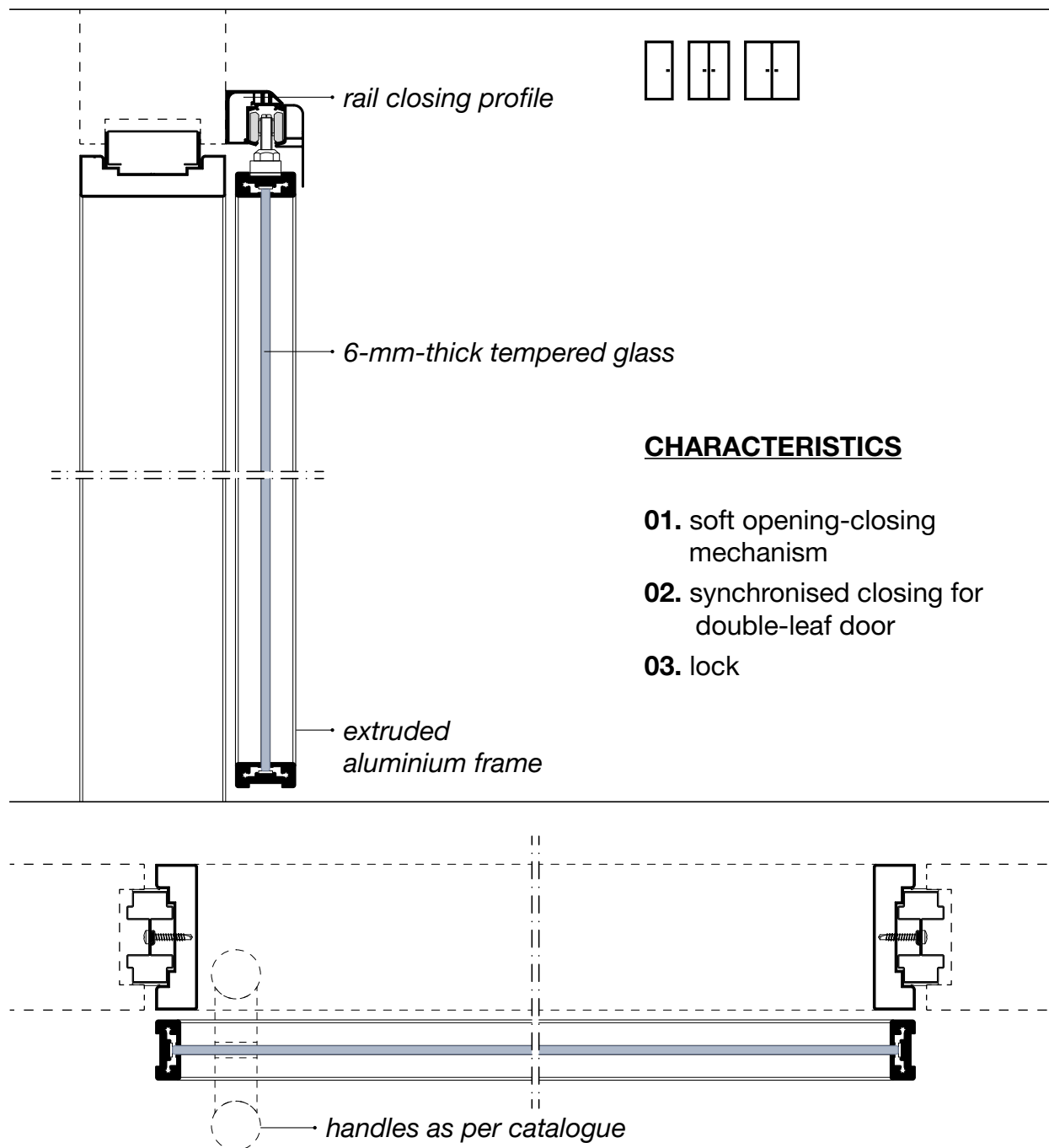




## MEDIUM FRAMED DOOR LEAF 43 mm thick

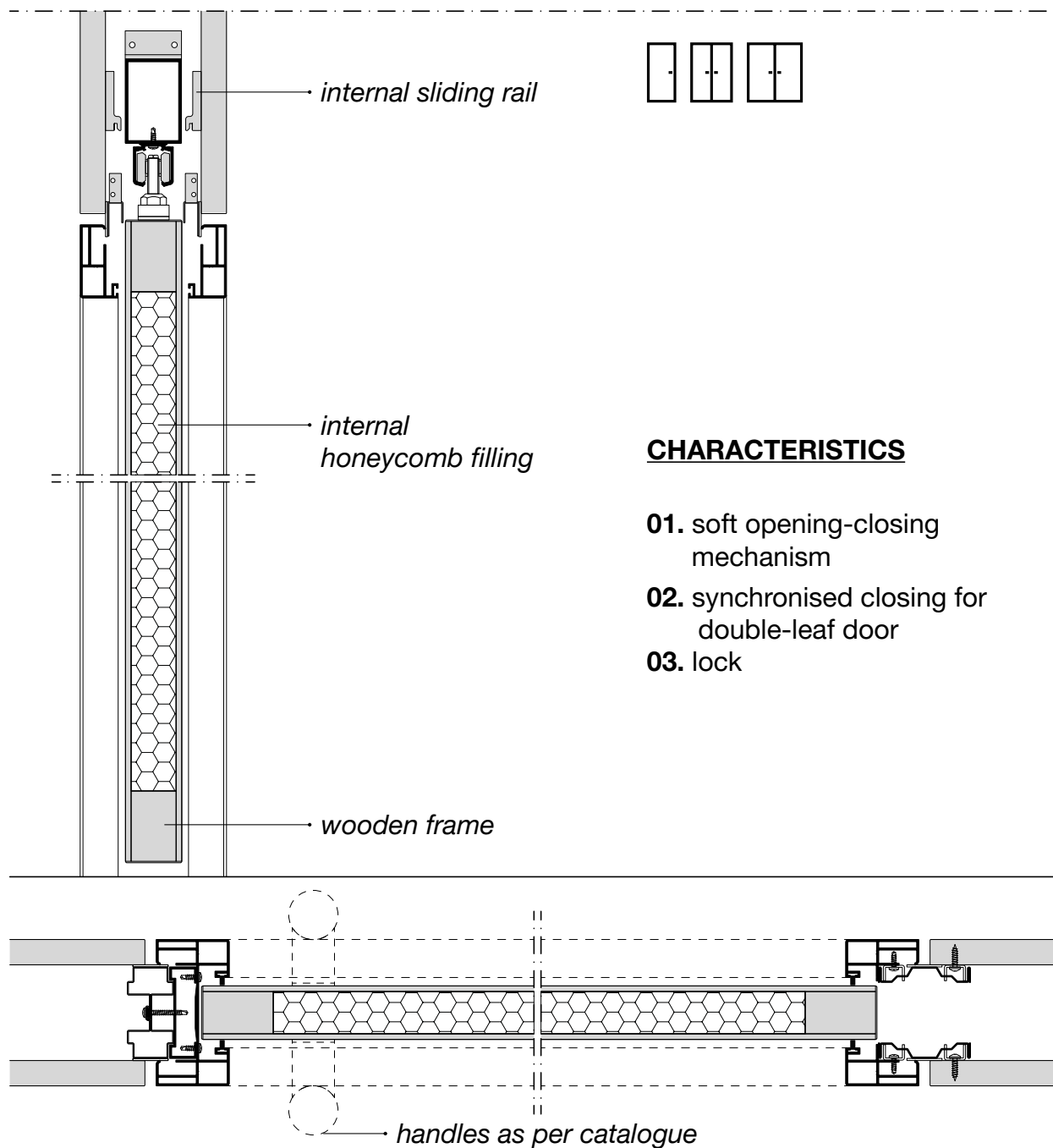


## THIN FRAMED DOOR LEAF 43 mm thick



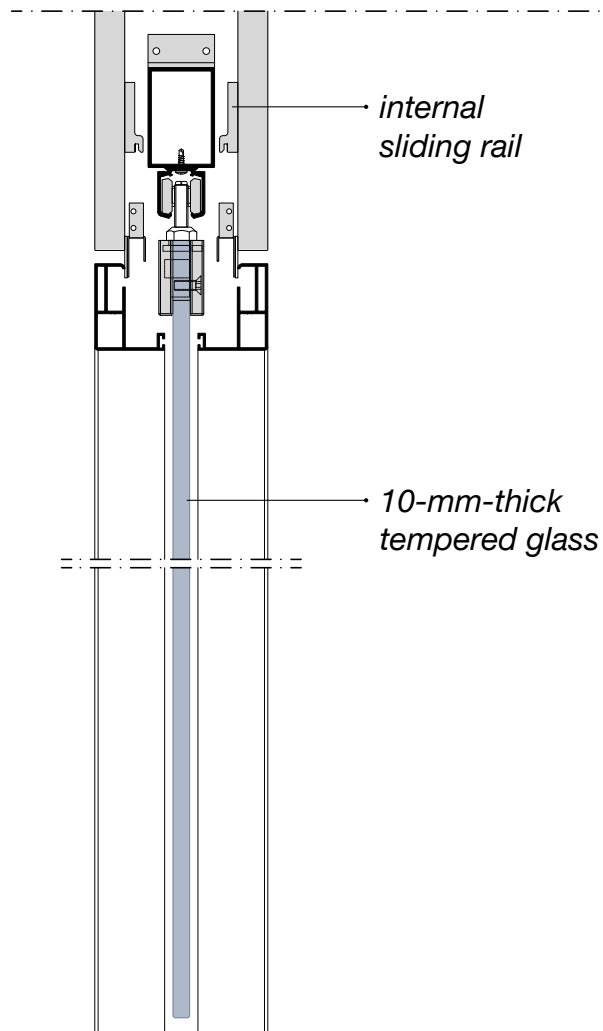
## SOLID DOOR LEAF\_INTERNAL SLIDING DOOR 38 mm thick

\*only for Metrica Solid



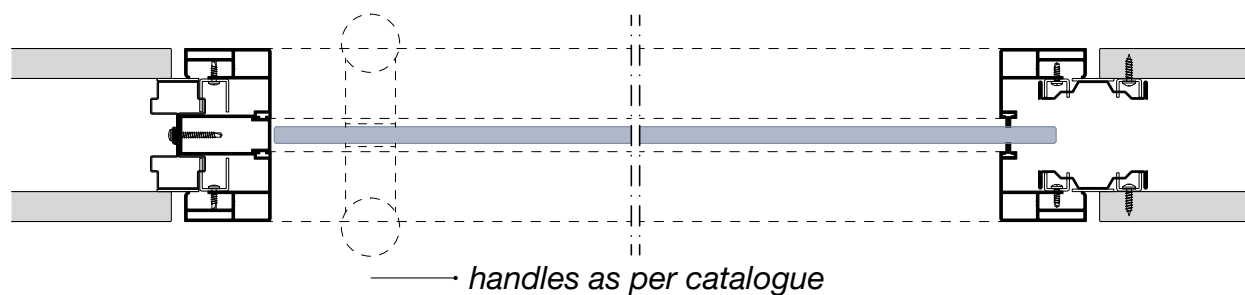
# TEMPERED GLASS DOOR LEAF\_INTERNAL SLIDING DOOR 10 mm thick

\*only for Metrica Solid



## **CHARACTERISTICS**

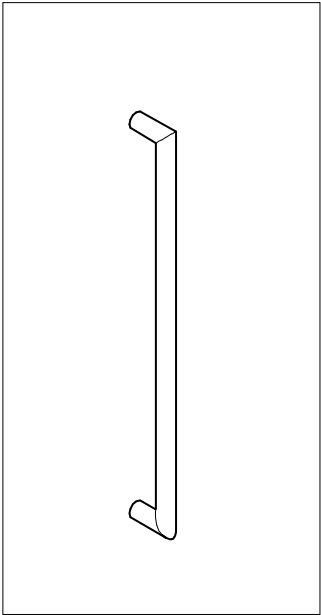
- 01.** soft opening-closing mechanism
- 02.** synchronised closing for double-leaf door
- 03.** lock



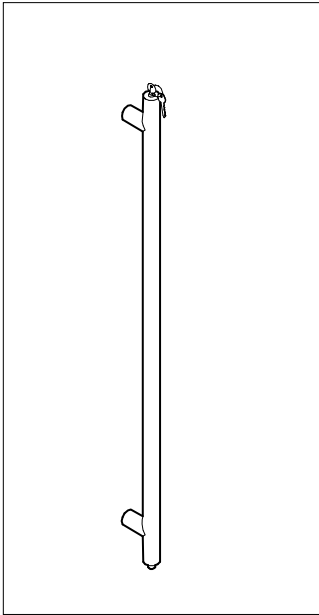
Glass door



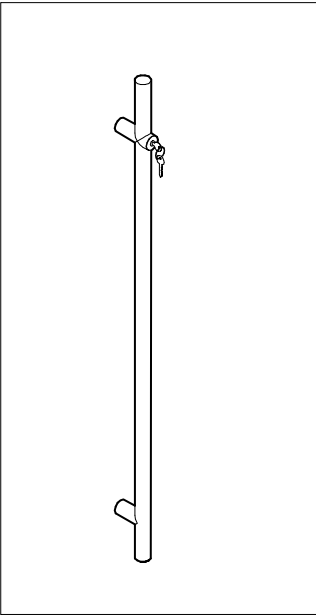
STEEL



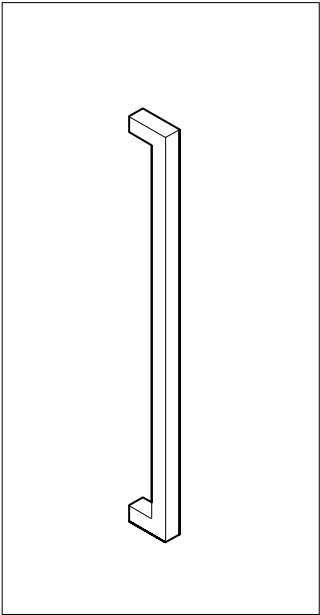
MPOMGH1\_H2\_H3



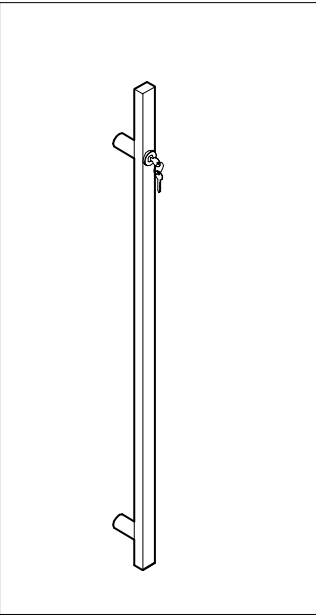
MPOM2



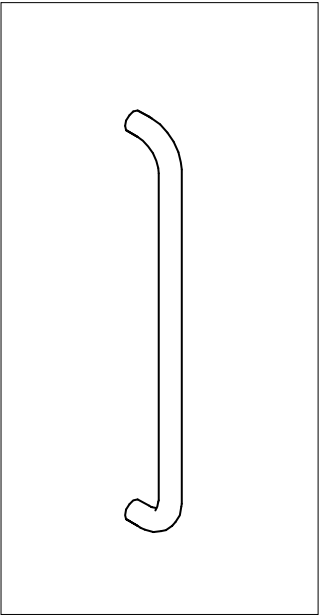
MPOM3



MPOMGH1Q\_GH2Q\_GH3Q

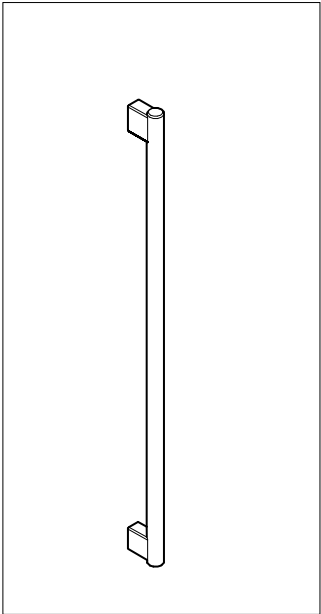


MPOM3Q

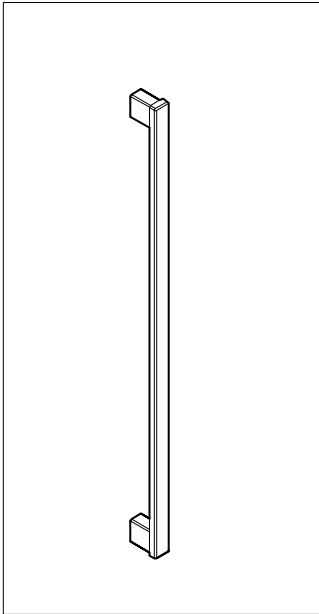


MPOM8

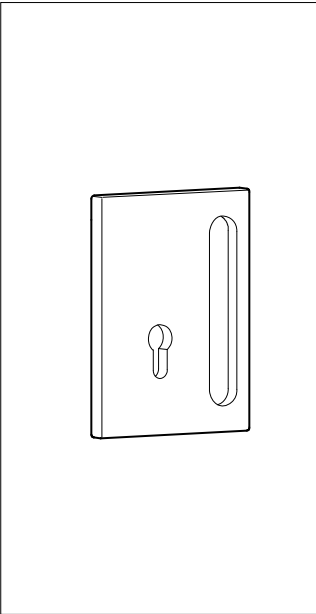
ALUMINIUM



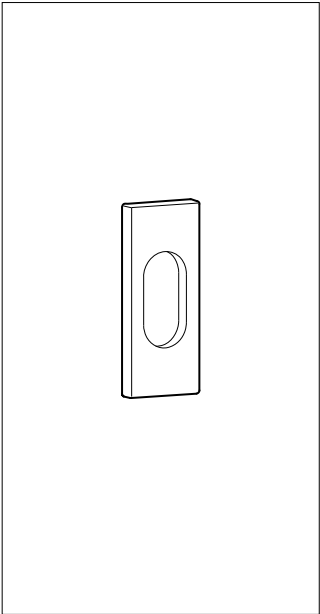
MPOMTH1\_TH2



MPOMQH1\_QH2



MPOM6

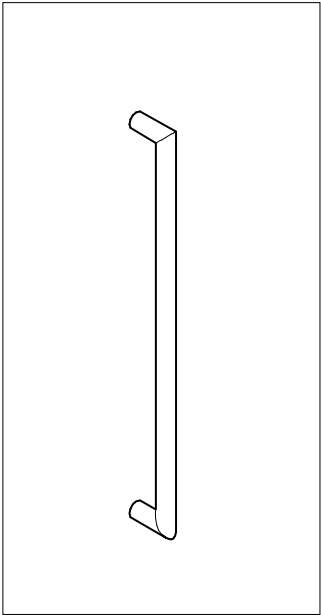


MPOM7

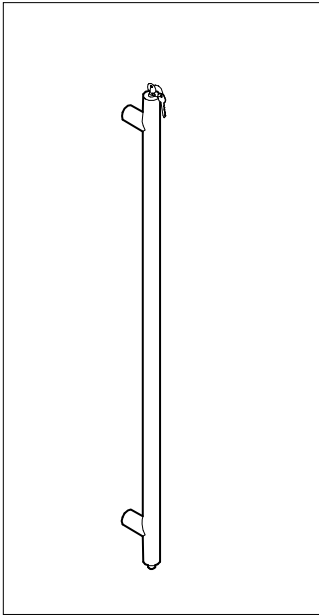


Solid door

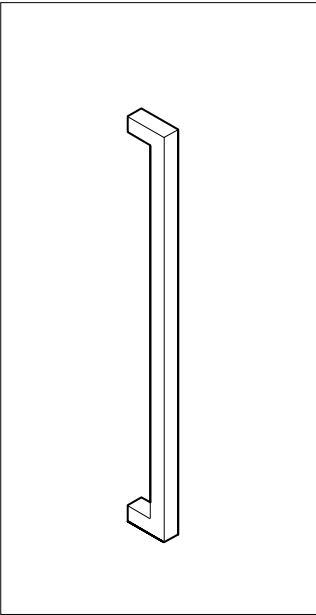
STEEL



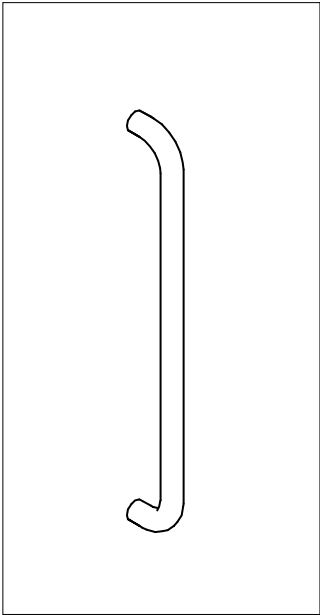
MPOMGH1\_H2\_H3



MPOM2

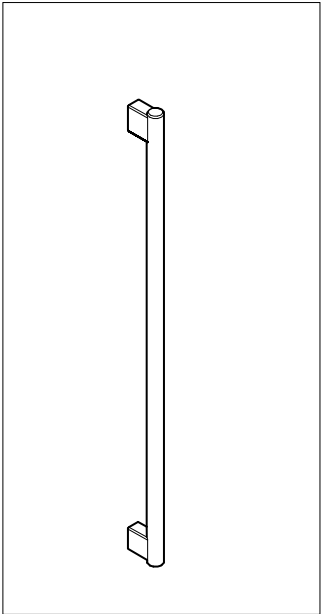


MPOMGH1Q\_GH2Q\_GH3Q

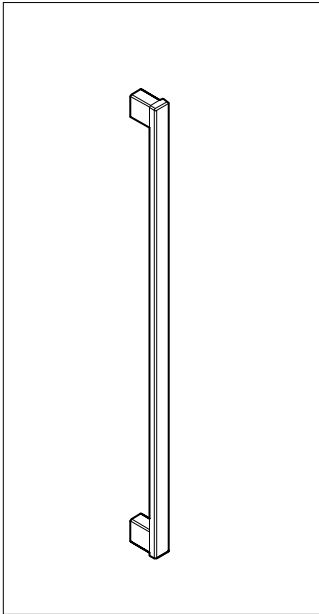


MPOM8

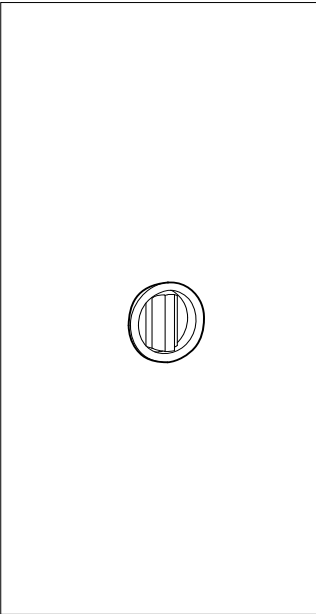
ALUMINIUM



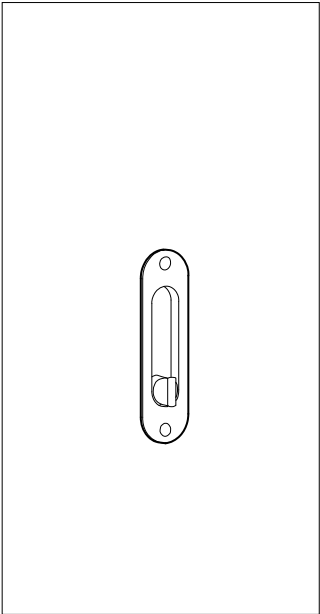
MPOMTH1\_TH2



MPOMQH1\_QH2



MPOM4



MPOM5

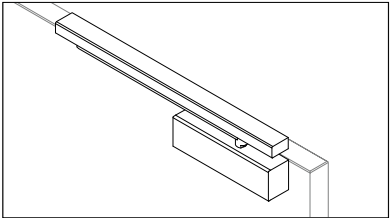
**METRICA®**  
STRUCTURAL

Accessories

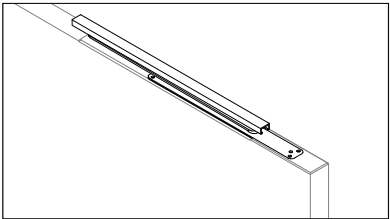
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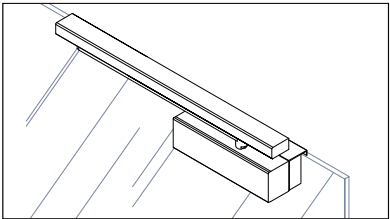
**Overhead door closer**



**01 external sliding closer**  
*for framed/solid door*

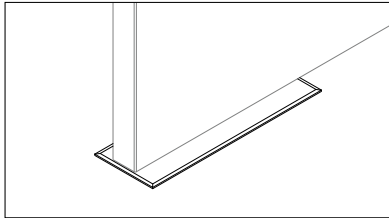


**02 concealed closer**  
*for framed/solid door*

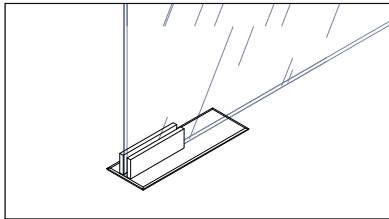


**03 external sliding closer**  
*for tempered glass door*

**Floor-mounted door closer**

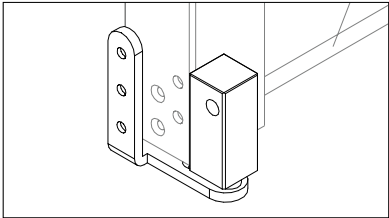


**01 floor-mounted**  
*for solid door*

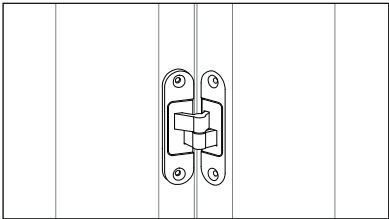


**02 floor-mounted**  
*for tempered glass door*

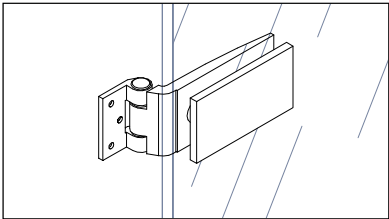
**Aluminium hinges**



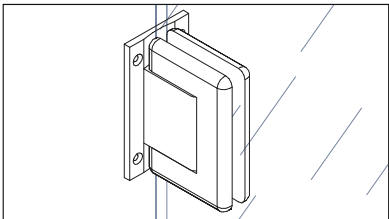
**01 external pivot closer**  
*for framed/solid door*



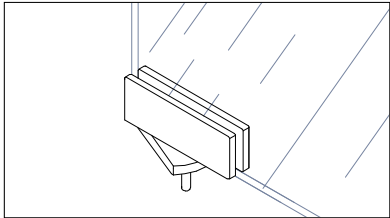
**02 concealed**  
*for framed/solid door*



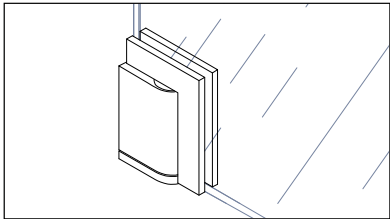
**03 180° opening**  
*for tempered glass door*



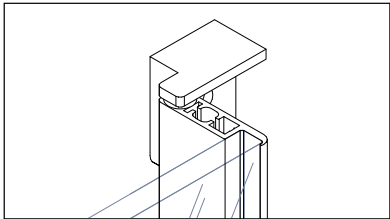
**04 two-way hinge with adjustable speed**  
*for tempered glass door*



**05 two-way hinge with adjustable speed**  
*for tempered glass door*

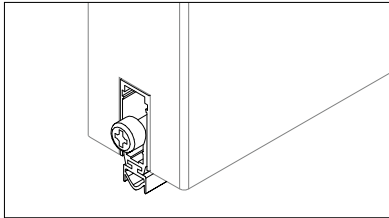


**06 two-way hinge with adjustable speed**  
*for tempered glass door*

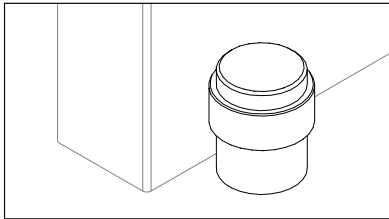


**07 full-height hinge**  
*for tempered glass door*

**Accessories**



**01 concealed soundproofing draft stopper**  
*for framed/solid door*



**02 door stopper**  
*for solid/framed/tempered glass door*



**METRICA®**  
STRUCTURAL

Finishes

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# Frame



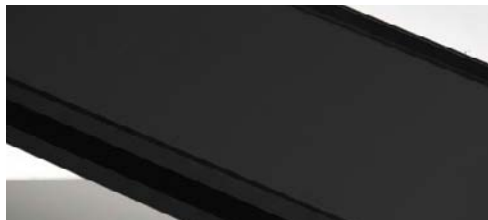
## Anodised



**01** Natural aluminium



**02** Bronze



**03** Black



**04** Custom colour

## RAL Finishes



**01** White

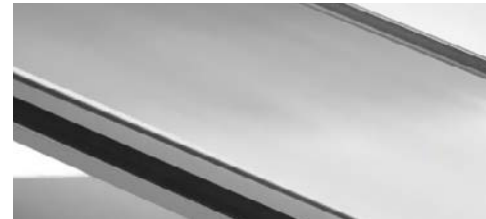


**02** Black



**03** Custom colour

## Polish



**01** Shine

## Wood



**01** Light oak

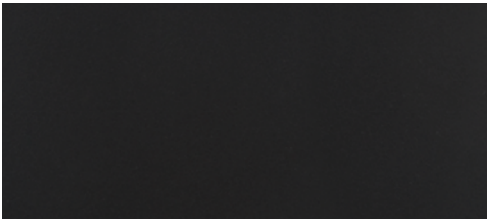


**02** Dark oak

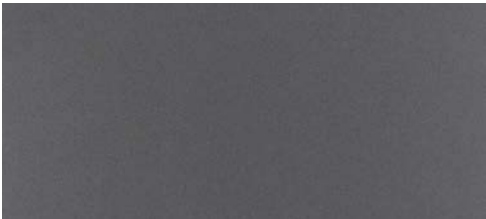
Solid panels



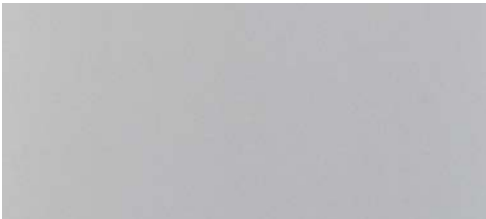
CAT. 1



055 Graphite black



420 Gunmetal



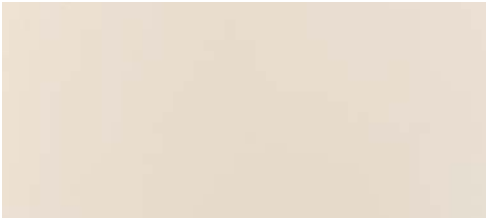
418 Ash grey



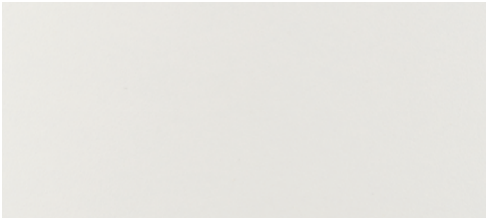
419 Light grey



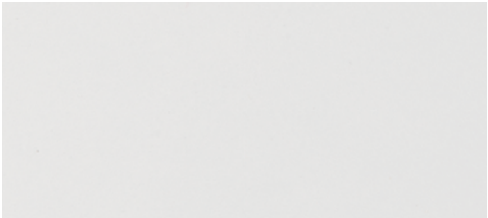
393 Dove grey



417 Vanilla



429 Warm white

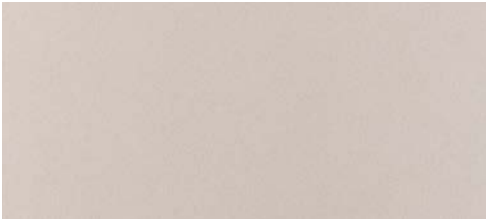


428 Cold white

CAT. 2



422 Silver

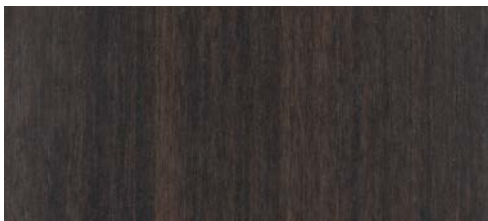


423 Champagne

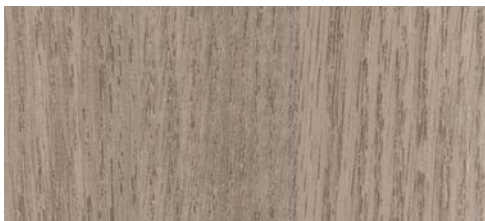
# Woods



CAT. 1



**421** Eucaliptus



**426** Mid-tone oak



**274** Acacia



**416** Streaked white

CAT. 2



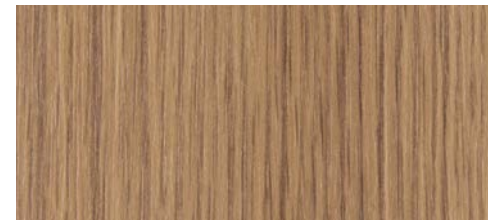
**425** Dark walnut



**318** Mid-tone walnut



**427** Light walnut

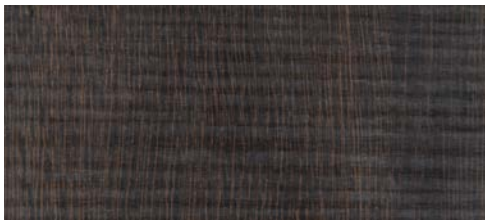


**382** Natural oak

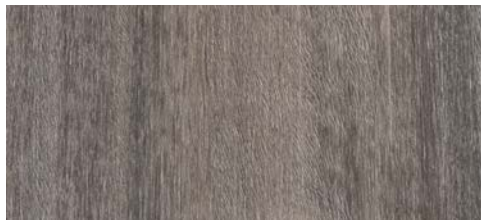
CAT. 3



**138** Aged saw-cut oak



**197** Saw-cut eucaliptus



**408** Grey oak



**400** Danube oak



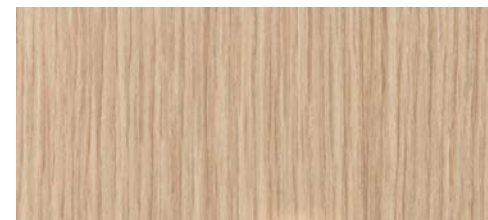
**414** Red walnut



**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

**METRICA®**  
STRUCTURAL

Technical specifications

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**METRICA® STRUCTURAL** is an interior movable fitted wall system with supporting structure, **104 mm** thick available in **four solutions**, formally different:

### **VERSIONS**

#### **METRICA® R**

Wall composed of 5-mm-thick central-glass modules - 33.1 laminated glass or 5-mm-thick tempered glass

#### **METRICA® V**

Wall composed of 5-mm-thick double framed glass modules - 33.1 laminated glass or 5-mm-thick tempered glass

#### **METRICA® S**

Wall composed of 5-mm-thick double flush glass modules - 5-mm-thick tempered glass with screen-printing on four sides

#### **METRICA® SOLID**

Partition made of 18-mm-thick particle-board solid panels

### **GENERAL DESCRIPTION**

The wall has a total thickness of 104 mm and consists of a **load-bearing** structure made of **UNI EN 10143 galvanised sheet metal** vertical profiles, mechanically assembled, with a 65x33 mm section, 8/10 mm thick, held horizontally by shaped profiles, thickness = 10/10 mm, of the same material. At the contact points between the upright and the closing panels, a soft veolene seal is applied, which provides sealing and marks the panel edges.

**The uprights** are fitted with rectangular 32-mm-pitch slots that accommodate the bayonet hooks to hold glass or solid panels. Vertical levelling is provided by two manually adjustable feet.

Floor and ceiling **rails** are made of extruded aluminium alloy 6060 UNI 9006/1 profiles. Wall-end profiles are made with aluminium sheet profiles. These profiles, that are in contact with the existing structures, allow for perfect levelling of the wall both horizontally and vertically and excellent sealing against the existing wall faces.

**Solid modules** are made with particle-board panels finished with melamine paper on both sides and ABS edges, with thickness 10/10 mm.

The system includes **corner profiles**, fixed or adjustable, that allow 2-, 3- or 4-way junctions.





**Linear junctions** between panels are provided by the uprights.

Partitions, both solid and glazed, can improve the acoustic characteristics of the spaces where they are installed. To obtain a better performance, the partition can be fitted with a layer of mineral fibre and with special acoustic panels.

**Doors** can be either hinged or sliding (external or internal), full-height or standard height. Both types of doors can be single-leaf, double asymmetrical/reduced leaf or double-leaf.

The **framed version** allows the installation of recessed overhead door closers and lower acoustic dust seals; on the glazed version only an external door closer can be installed.

**Sliding doors** with an external rail can be made of wood, or have a single framed or flush glass; the version with the rail recessed in the wall thickness is available in wood or with 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 the 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 jambs** and uprights, made of extruded aluminium telescopic profiles, fitted with RAL 9006 grey PVC seals, allow the routing of cables and the insertion of single-pole controls. Steel counter-edges are fitted along the lock rebate surface, recessed in the aluminium frame, to ensure precision in the closing surface and extreme robustness.

To allow for adequate **cable management** inside the wall, an **inspectable utility module** in extruded aluminium is provided to facilitate the installation of switches, sockets, thermostats, alarm sensors and other dimensionally compatible equipment

## Technical specifications



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.

The Metrica system is also available as “open space” screen, with stabilising feet, and as wall finishing.

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

## **METRICA** mechanical tests and reaction to fire



**01.** Whole wooden module - Mechanical test -  
**Certificate no. 253560 IT/EN - UNI 8201:1981**

**02.** Particle-board dark oak melamine-finished panels - Reaction to fire -  
**Certificate no. 253501 IT/EN - UNI EN 13823:2005**

**03.** Classification for Reaction to Fire -  
**Certificate no. 253504 IT/EN - UNI EN 13501 1:2007**



**01.** Whole wooden module with internal insulating layer inside filling panels only - rock wool d=35 Kg/sqm Th.=60 mm - Acoustic test -

**Certificate no. 248482 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2000**

**02.** Whole wooden module with internal rock-wool insulating layer d=35 Kg/sqm Th.=60 mm and echostop - Acoustic test

**Certificate no. 248483 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**

**03.** Module with horizontal panels with internal rock-wool insulating layer inside filling panels only d=35 Kg/sqm Th.=60 mm and echostop - Acoustic test -

**Certificate no. 248488 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**

**04.** Module with horizontal panels with internal rock-wool insulating layer d=35 Kg/sqm Th.=60 mm and coextruded profile - Acoustic test -

**Certificate no. 248489 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**05.** Whole module and echostop - Acoustic test -

**Certificate no. 248484 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**



**01.** Whole module with central laminated glass 6/7 - Insulating layer inside filling panels only Acoustic test -  
**Certificate no. 248485 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**02.** Module with horizontal glazed elements with central laminated glass 6/7 - insulating layer inside filling panels and echostop - Acoustic test -  
**Certificate no. 248490 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**03.** Module with horizontal glazed elements with central laminated glass 6/7 - insulating layer inside filling panels and coextruded profile - Acoustic test -  
**Certificate no. 254591 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**04.** Half-glazed module with central laminated glass 6/7 - insulating layer inside filling panels and echostop - Acoustic test  
**Certificate no. 248046 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**05.** Half-glazed module with central laminated glass 6/7 - Insulating layer, coextruded profile and echostop - Acoustic test  
**Certificate no. 248047 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**06.** Whole glazed module - central laminated glass 6/7 - Mechanical test -  
**Certificate no. 253562 IT/EN - UNI 8201:1981**



**01.** Whole module with two glued tempered glass panels 5 mm- Insulating layer inside filling panels and echostop  
- Acoustic test -

**Certificate no. 248494 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**02.** Module with horizontal glazed elements with two glued tempered glass panels 5 mm thick - insulating layer inside filling panels and coextruded profile and echostop - Acoustic test -

**Certificate no. 254593 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**03.** Half-glazed module with two glued tempered glass panels, 5 mm thick - Insulating layer inside filling panels and echostop - Acoustic test -

**Certificate no. 248045 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**04.** Half-glazed module with two glued tempered glass panels 5 mm thick - Insulating layer, coextruded profile and echostop - Acoustic test -

**Certificate no. 248048 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**05.** Whole glazed module - two glued tempered glass panels, 5 mm thick - Mechanical test -

**Certificate no. 253563 IT/EN - UNI 8201:1981**



**01.** Whole module with two framed laminated glass panels 6/7 - Insulating layer inside filling panels and echostop  
- Acoustic test -

**Certificate no. 248486 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**02.** Module with horizontal glazed elements with two framed laminated glass panels 6/7 - Insulating layer inside filling panels and echostop - Acoustic test -

**Certificate no. 248492 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**03.** Whole module with two framed laminated glass panels 6/7 - Insulating layer inside filling panels and coextruded profiles - Acoustic test -

**Certificate no. 248487 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1: 2007**

**04.** Module with horizontal glazed elements with two framed laminated glass panels 6/7 - Insulating layer inside filling panels and coextruded profiles - Acoustic test -

**Certificate no. 248493 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1: 2007**

## METRICA V acoustic and mechanical tests



**05.** Half-glazed module with two framed laminated glass panels 6/7 - Insulating layer inside filling panels and echostop - Acoustic test -

**Certificate no. 248044 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1:2007**

**06.** Half-glazed module with two framed laminated glass panels 6/7 - Insulating layer, coextruded profiles and echostop - Acoustic test -

**Certificate no. 248049 IT/EN - UNI EN ISO 140-3: 2006 and UNI EN ISO 717-1:2007**

**07.** Whole glazed module - two framed laminated glass panels 6/7 - Mechanical test -

**Certificate no. 253561 IT/EN - UNI 8201:1981**





## **METRICA DOORS**

**01.** Wooden door - Acoustic test -

**Certificate no. 251626 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**

**02.** 10-mm tempered glass door - Acoustic test -

**Certificate no. 251625 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**

**03.** Door with framed 6/7 laminated glass - Acoustic test -

**Certificate no. 251624 IT/EN - UNI EN ISO 140-3:2006 and UNI EN ISO 717-1:2007**



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