

BLUEBELL

Architectural & Design Products

T: 01371 873 313

ALBED

M I L A N O 1 9 6 4

TECHNICAL BOOK
Dividing Panels

ALL WAYS

PRODUCT'S CARD N° AW1

Product and legal denomination: INDOOR DIVIDING PANELS

Commercial name: ALL WAYS

Tipology: ALUMINIUM AND GLASS OR WOOD

PRODUCTS' COMPONENTS	USED MATERIALS
METAL PARTS	Frame, jamb in profiled aluminium UNI 3569. Finishing: brushed anodized UNI 10681 / Bronze / Black.
WOOD PARTS	Honeycomb door th. 38/40 mm finishing wood or laccato RAL lacquered.
GLASS PARTS	Tempered glass mm. 8 UNI 12150 - UNI 7142 or stratified 5+5 EN 12600. Finishing: float, acid-etched, extralight o clear.
GASKETS AND OTHER ACCESSORIES	Rubber gasket. Hinge in steel and zama.
POSSIBLE HARMFUL SUBSTANCES TO HEALTH	None.
ORDINARY MAINTENANCE	Clean with a soft cloth, slightly dampened and free from products containing solvent and/or abrasive material.
WARNINGS	The assembly must be made only by expert people.

These cards of certification of the product comply with all what the law n.206 del 06.09.2005 prescribes.

DELMONTE S.R.L IS CERTIFIED WITH THE MANAGEMENT SYSTEM FOR THE QUALITY ACCORDING TO UNI EN ISO 9001:2000, FOR THE ACTIVITY OF PLANNING AND PRODUCTION OF DOORS FOR INTERIORS, FURNISHINGS AND COMPLEMENTS FURNITURE IN ALUMINIUM.



STRUCTURE

Aluminium



Bronze



Black

WOODEN PANEL

Lacquered:

RAL lacquered



Woods:

Horizontal grain

Wengé



Noce Canaletto



Vertical grain

Frassino light brown



Frassino lounge brown



Frassino Carbone



Frassino Smoky Grey

GLASS PANEL

Satinato



Trasparente



Bronzo



Fumè



Bronzo acidato

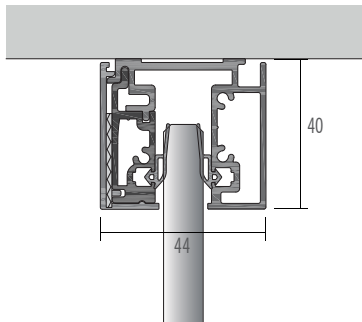


Fumè acidato

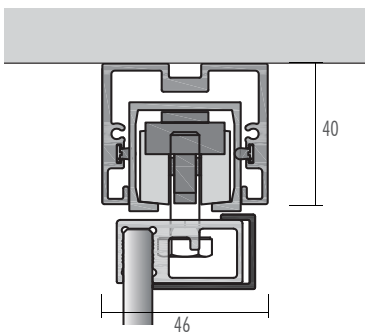


ALL WAYS WALL

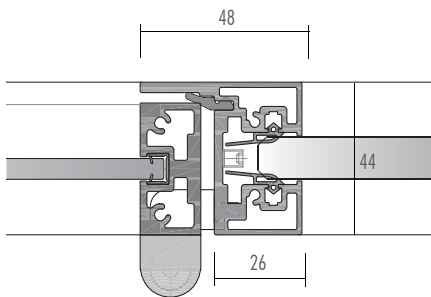
1) CEILING - WALL - FLOOR PROFILE



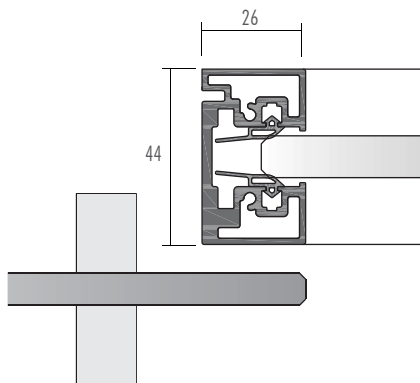
2) CEILING RAIL



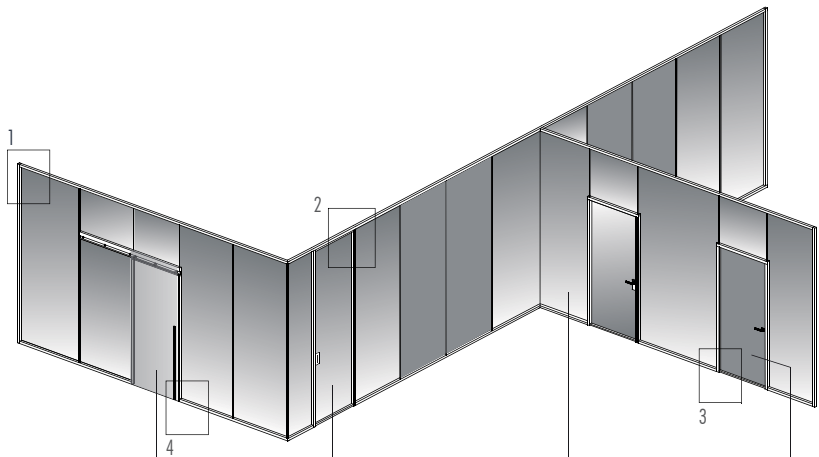
3) SWING DOOR JAMB



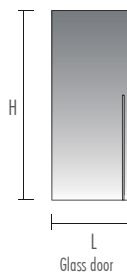
4) SLIDING DOOR JAMB



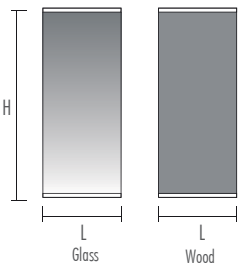
WALL COMPONENTS



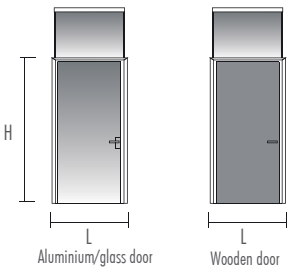
WALL SLIDING DOORS



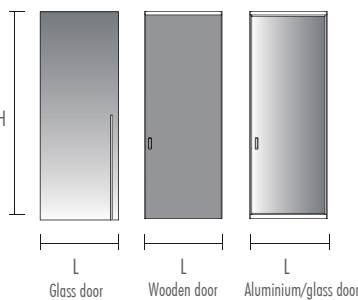
FIXED PANELS



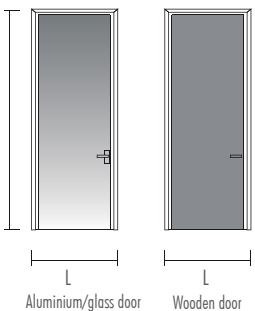
SWING DOORS WITH TRANSOM



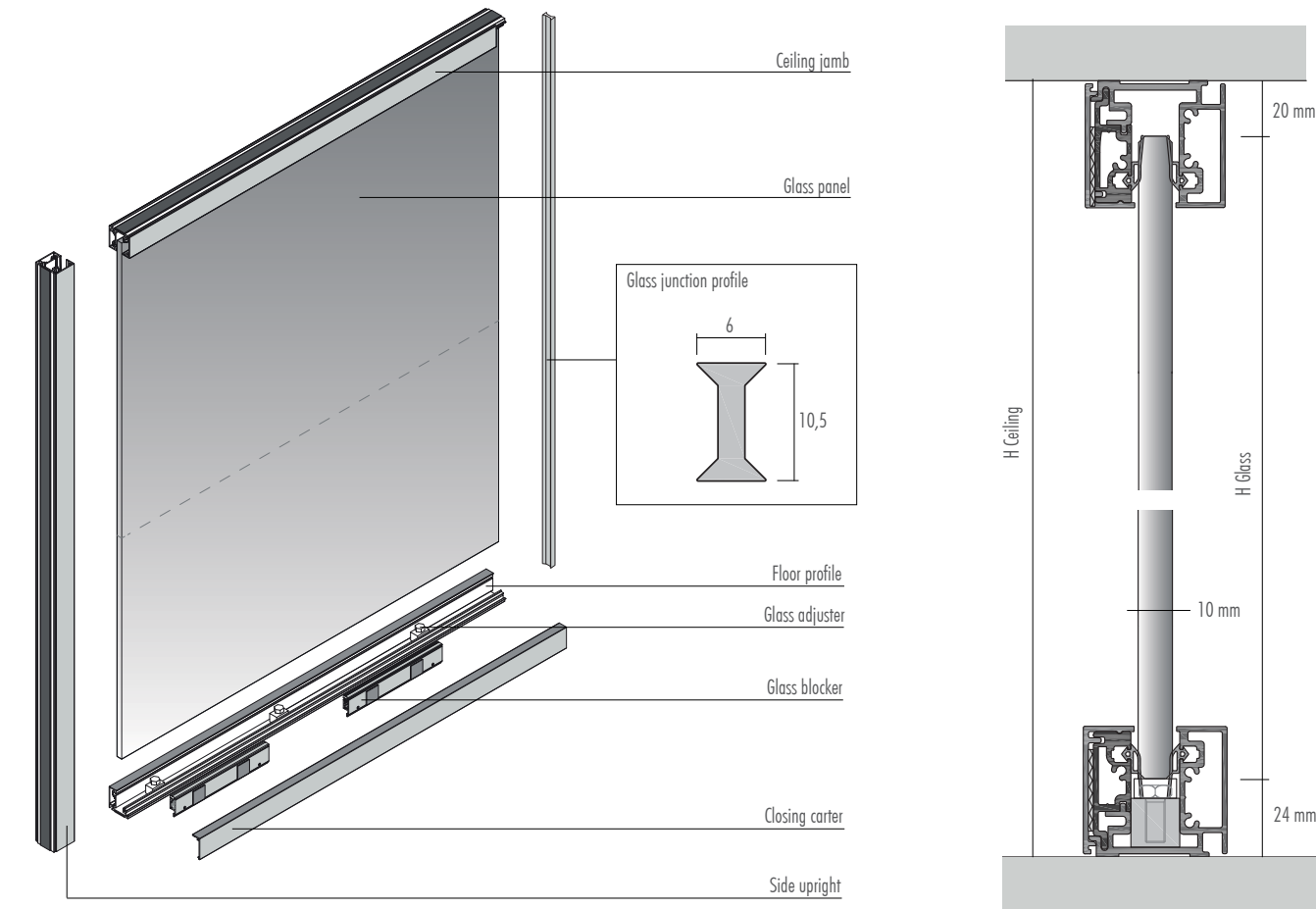
CEILING SLIDING DOORS



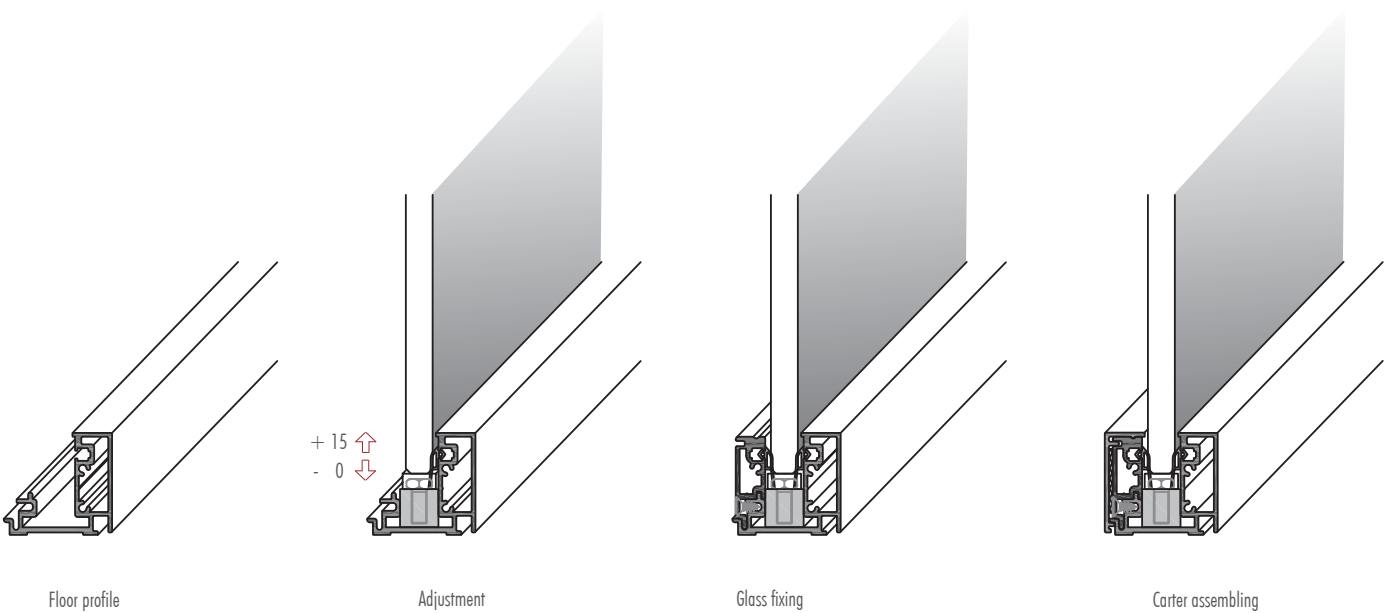
FULL HEIGHT SWING DOORS



GLASS WALL'S ASSEMBLING



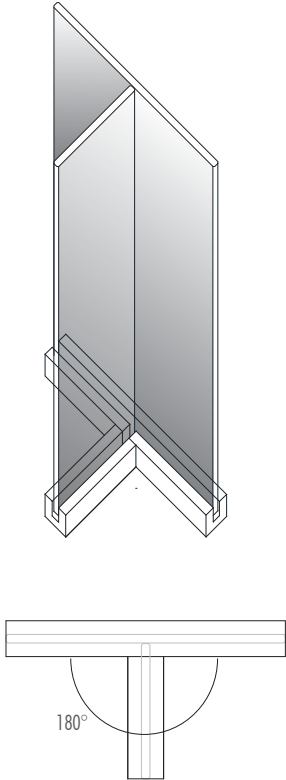
ASSEMBLING PHASES AND ADJUSTMENTS



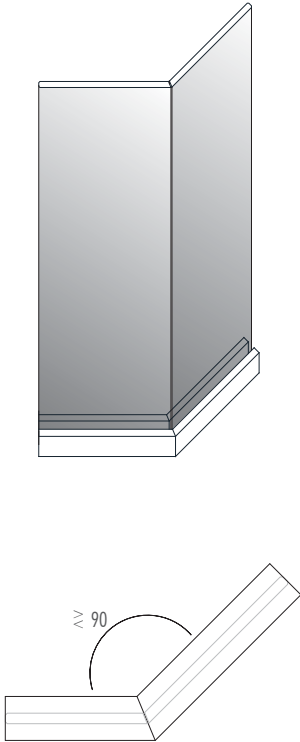
JUNCTIONS

ANGLE

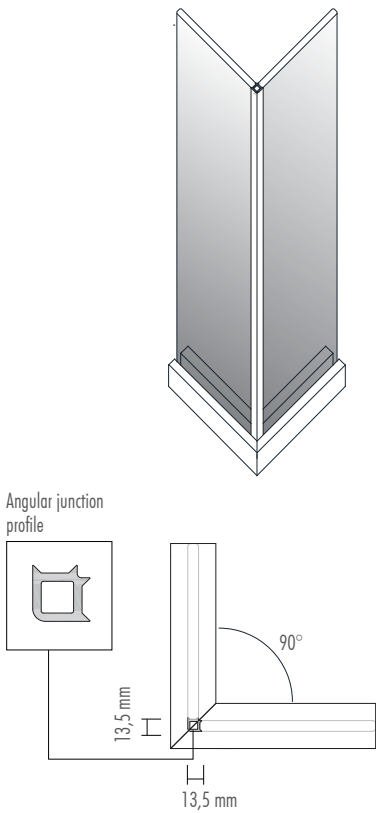
T SHAPED ANGLE



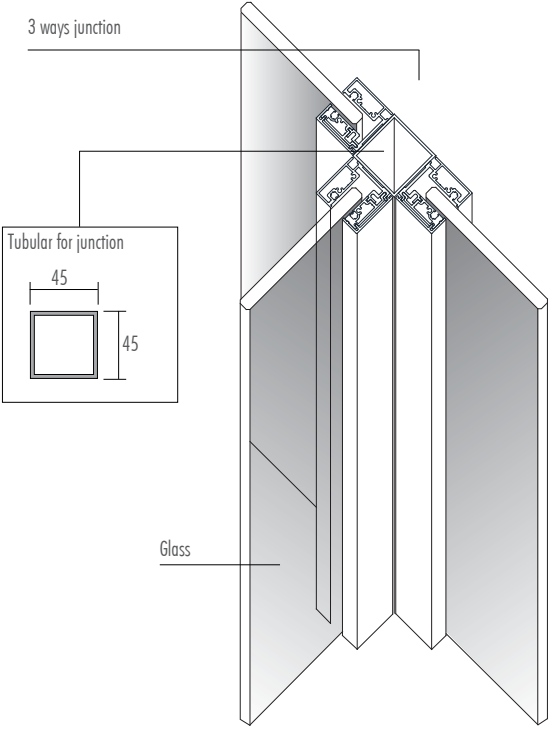
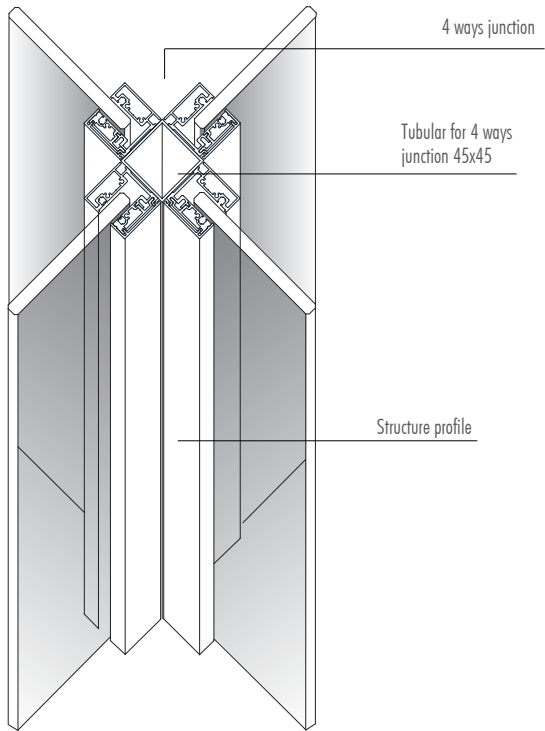
ANGLE NOT EQUAL TO 90° *



L SHAPED ANGLE

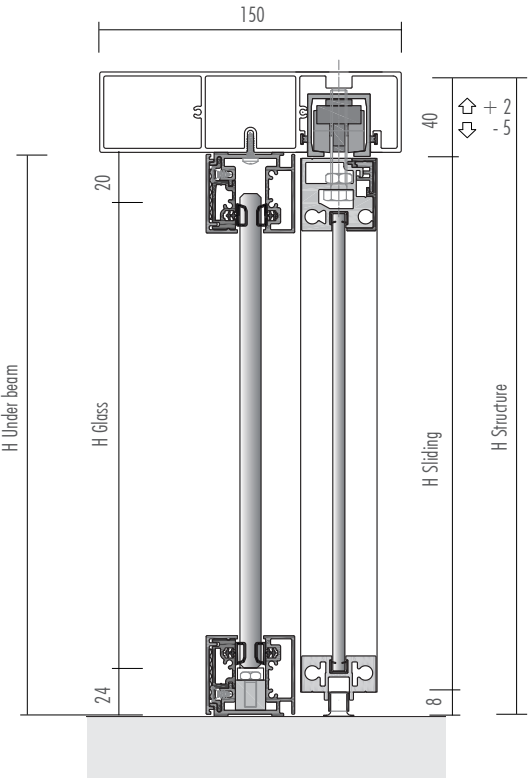
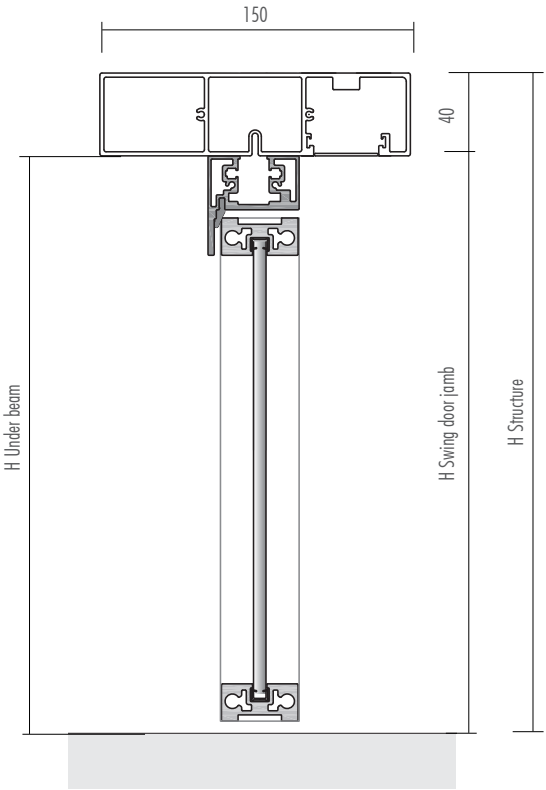
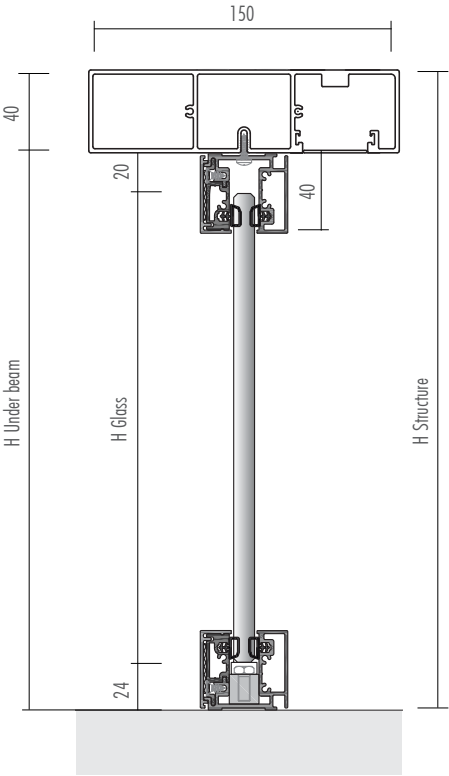
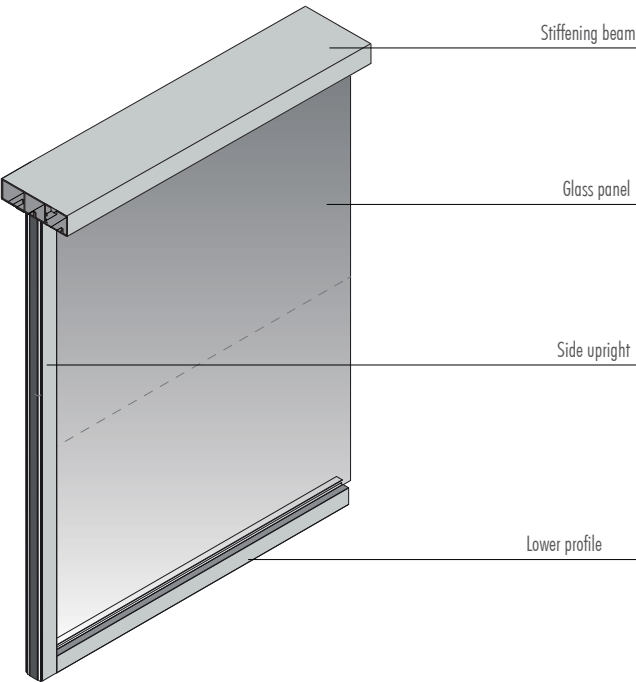


JUNCTION

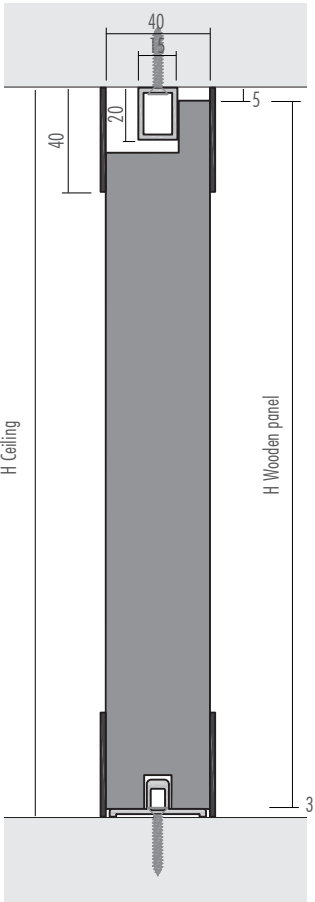
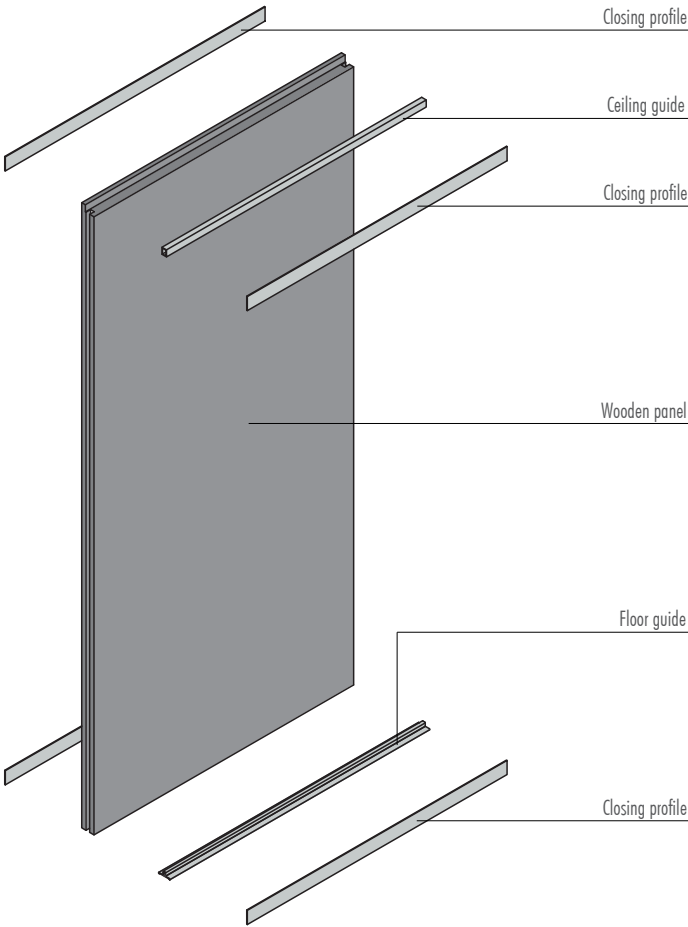


* Ask to Technical Dept for faisability

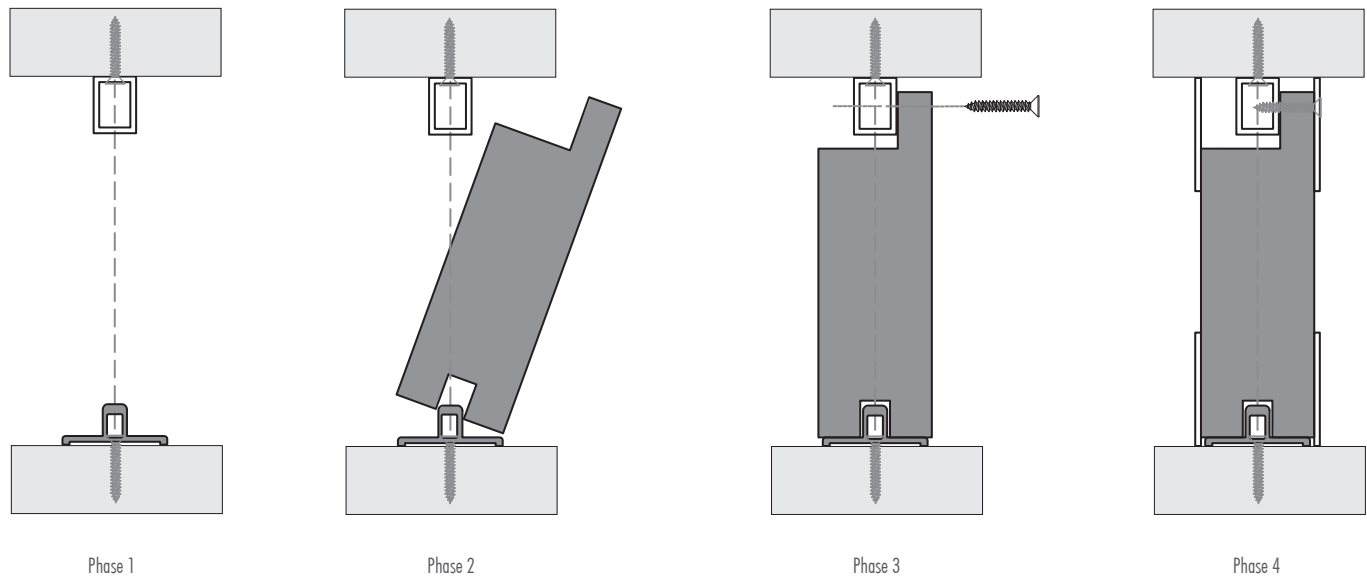
FRESTANDING STRUCTURE



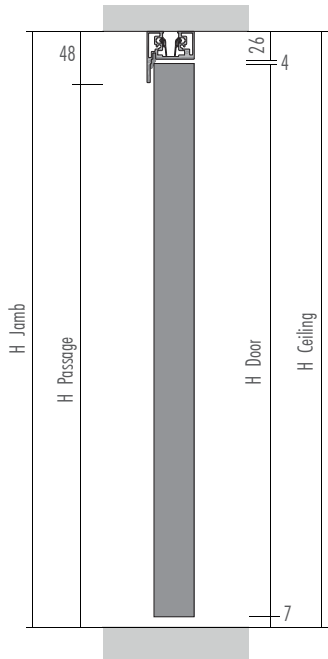
WOODEN FIX PANEL ASSEMBLING



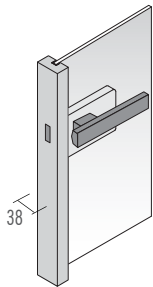
ASSEMBLING PHASES



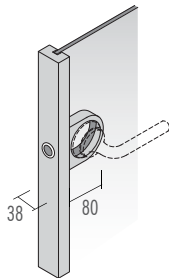
SECTION SWING DOOR FULL HEIGHT



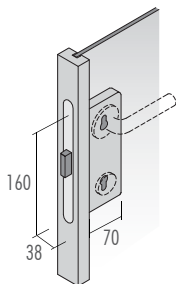
INTEGRATED HANDLE GLASS DOOR



COMPACT HANDLE GLASS DOOR

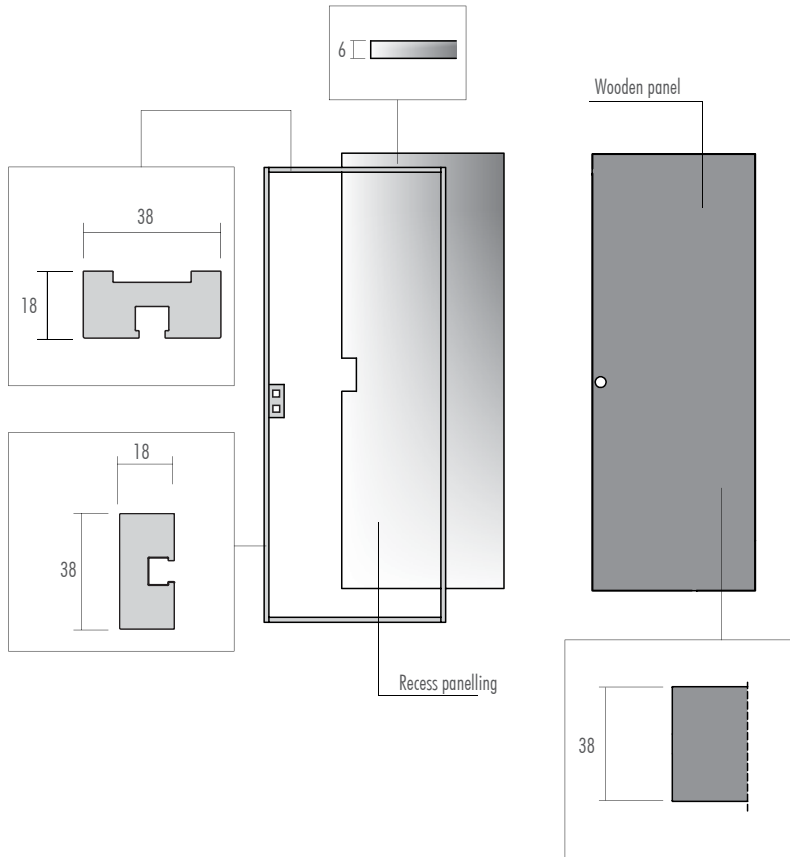
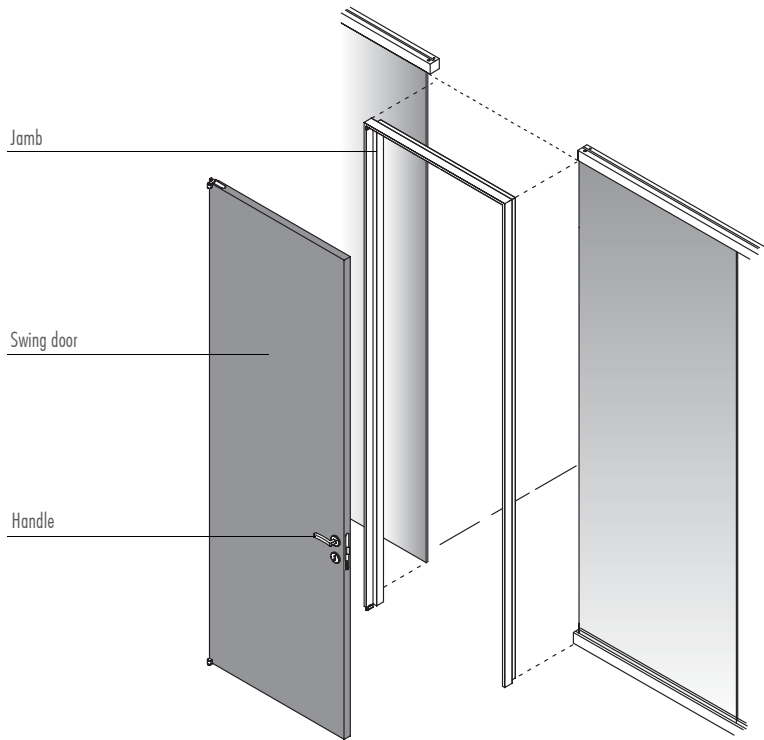


HANDLE CUSTOMER GLASS DOOR



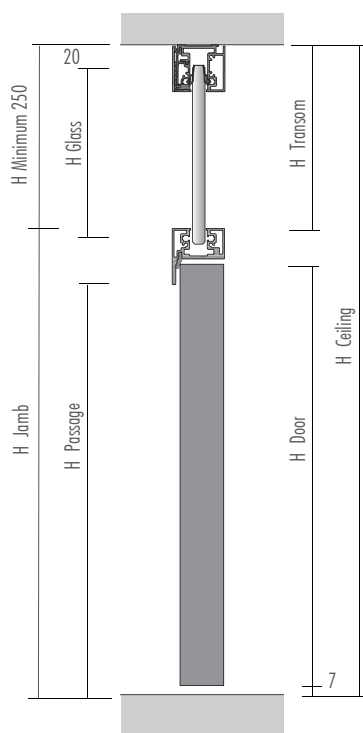
NOTES:
Handles for full height doors and with transom

SWING DOOR FULL HEIGHT

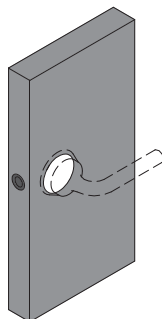


SWING DOOR

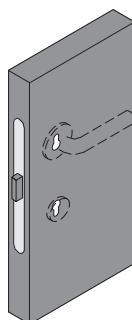
SECTION SWING DOOR WITH TRANSOM



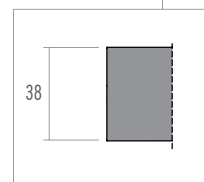
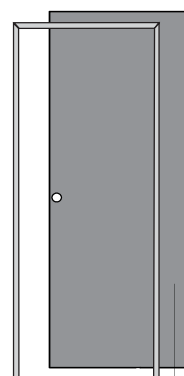
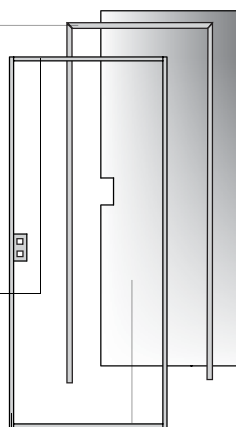
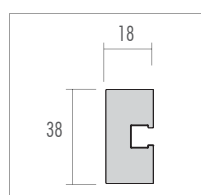
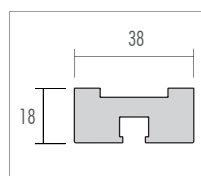
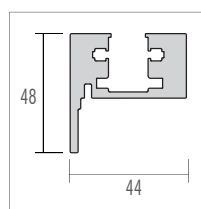
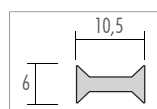
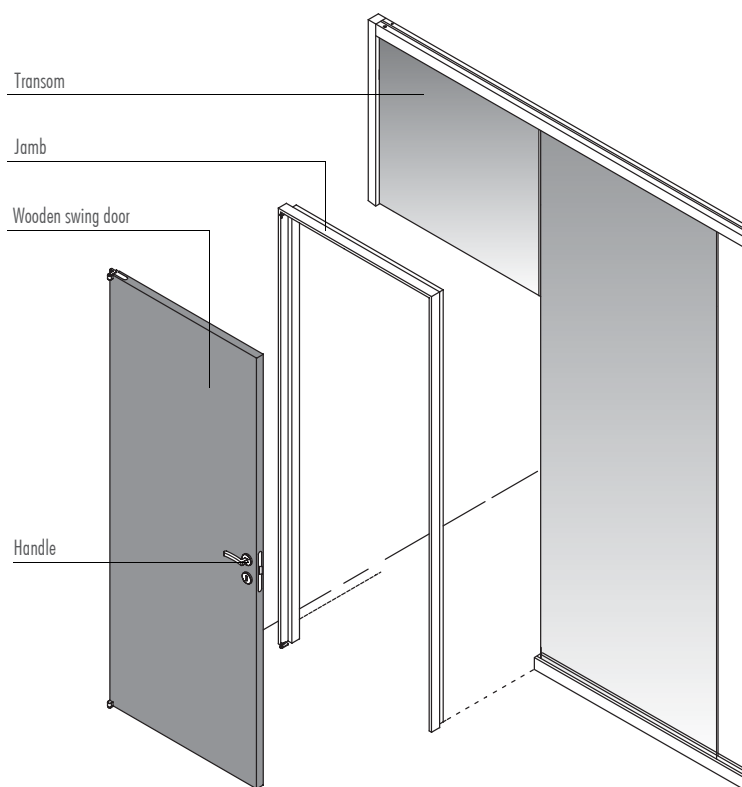
COMPACT HANDLE FOR WOODEN DOOR



MAGNETIC LOCK FOR WOODEN DOOR

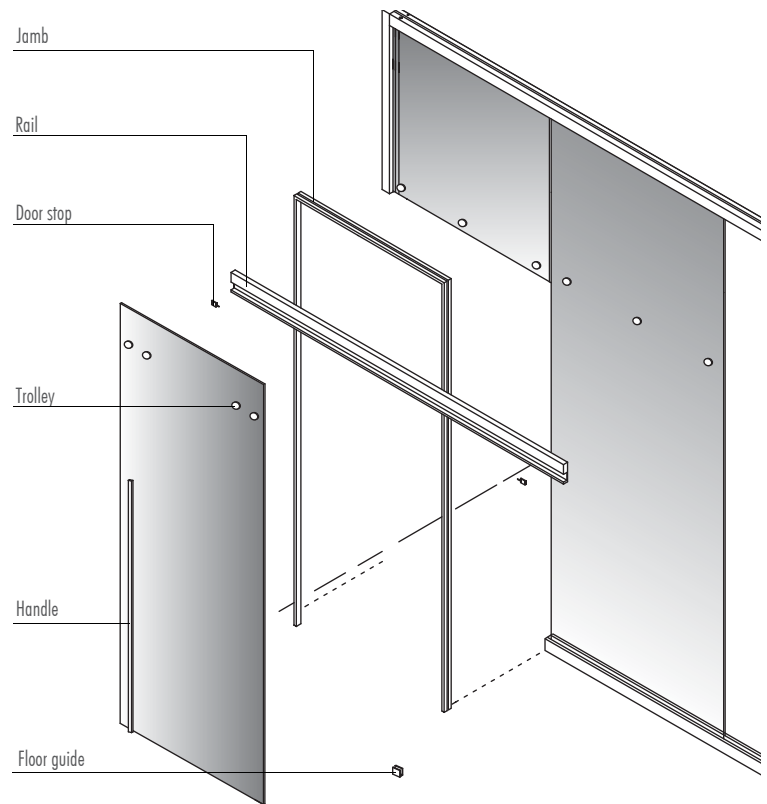
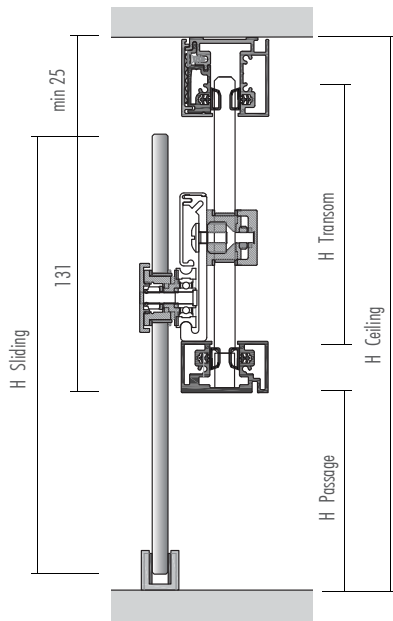


SWING DOOR WITH TRANSOM

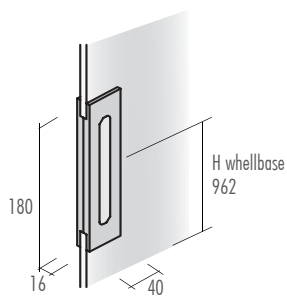


NOTES:
Handles available for all height doors and doors with transom

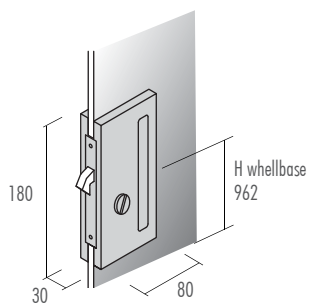
SLIDING DOOR IN GLASS (WALL RAIL)



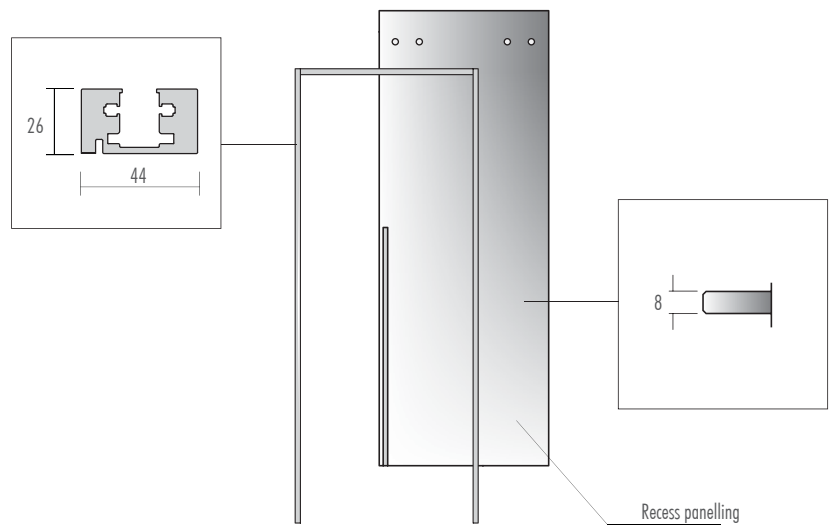
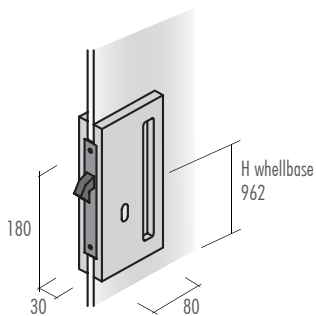
HANDLE -I-



HANDLE -Z-*



HANDLE -U- *

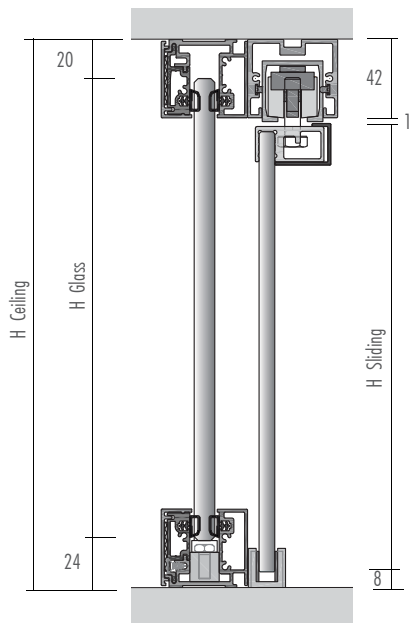


NOTES:
Handles available for all height doors and doors with transom

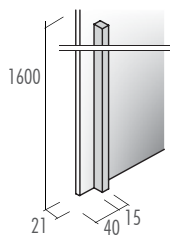
* Mandatory Doorjamb

SLIDING DOOR

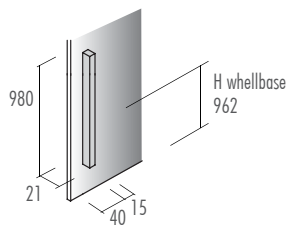
SECTION OF THE DOOR IN GLASS



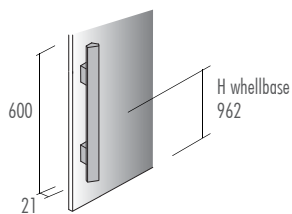
HANDLE -H-



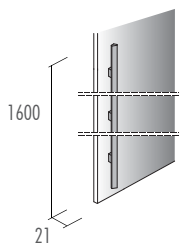
HANDLE -H1-



HANDLE -S-

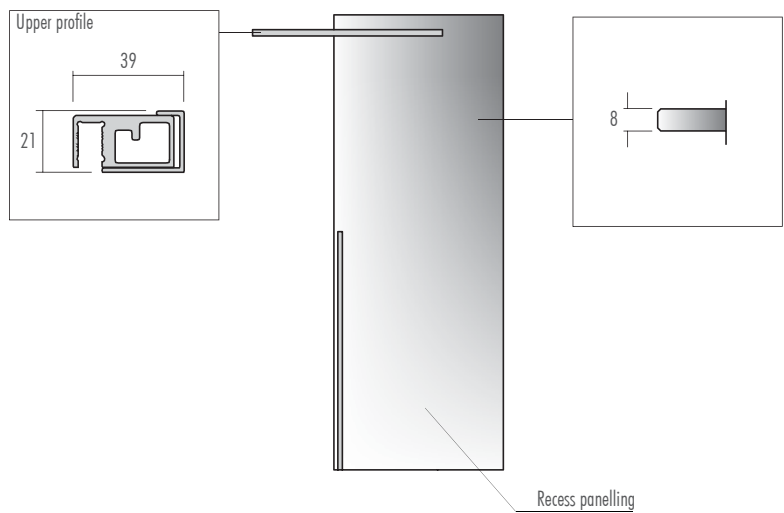
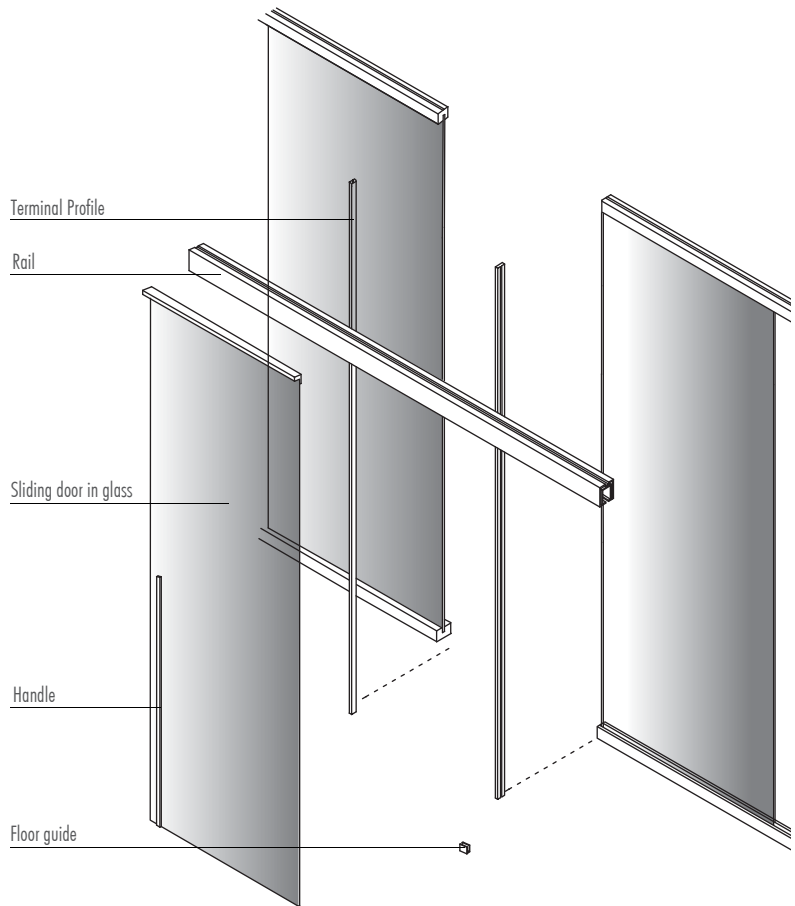


HANDLE -S2-

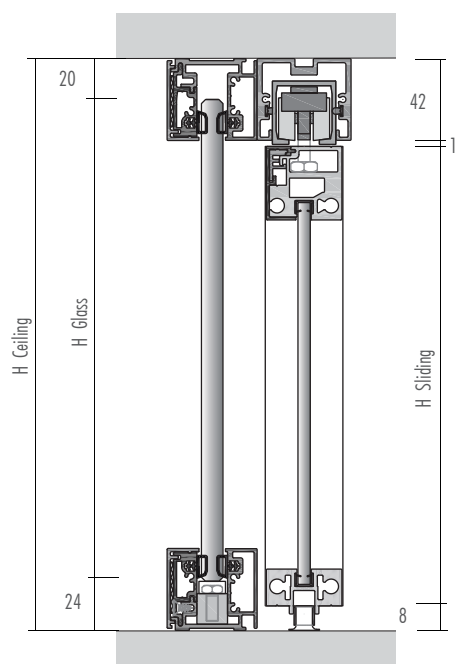


NOTES:
Handles available for all height doors and doors with transom

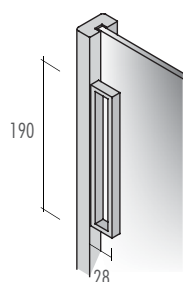
SLIDING DOOR IN GLASS (CEILING RAIL)



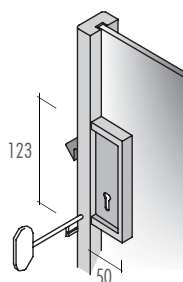
SECTION DOOR ALUMINIUM AND GLASS



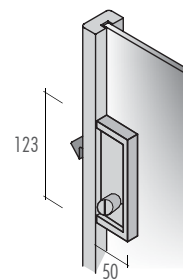
HANDLE -M-



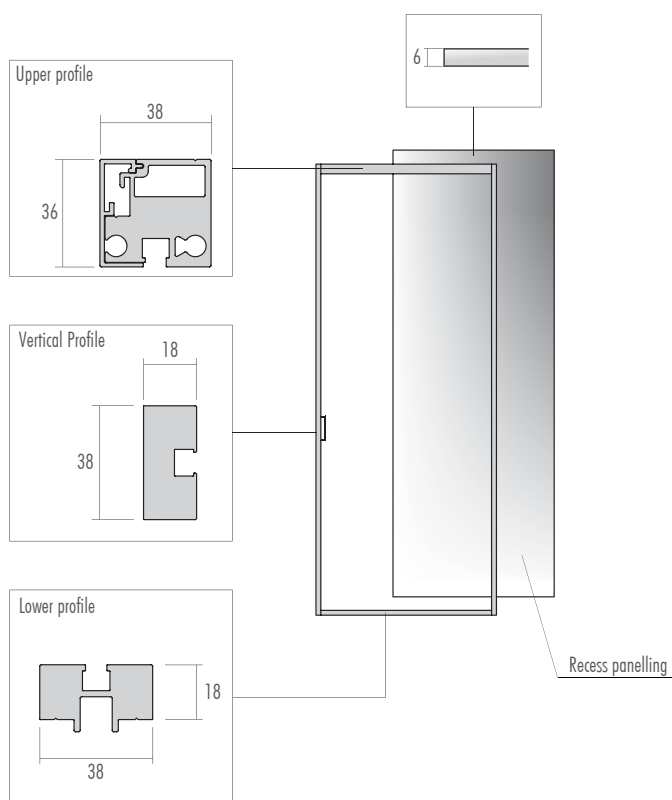
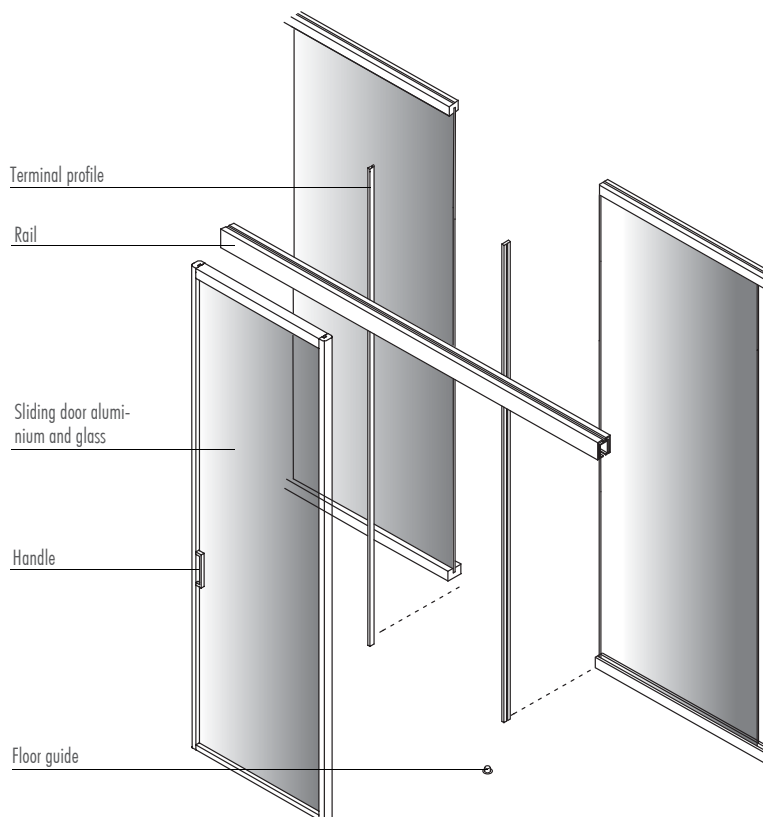
LOCK WITH KEY -N-V- *



LOCK WITH LATCH -P-V- *



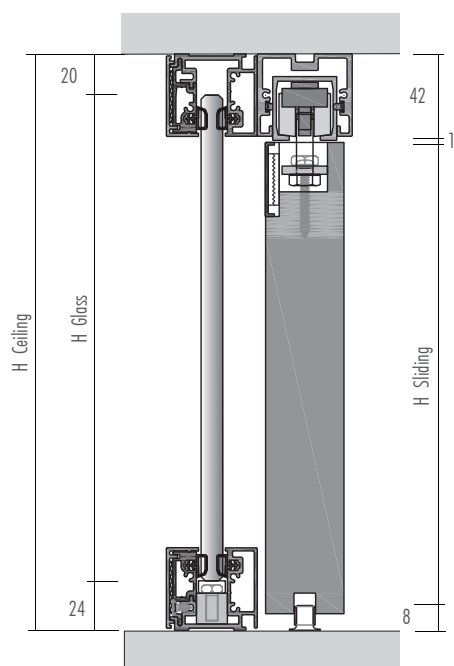
SLIDING DOOR ALLUMINIUM AND GLASS (CEILING RAIL)



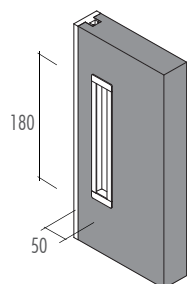
* Mandatory Doorjamb

SLIDING DOOR

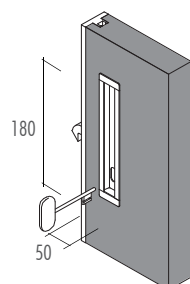
SECTION OF THE DOOR IN WOOD



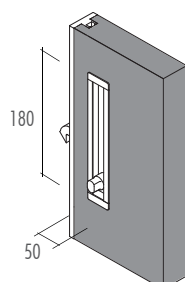
HANDLE -Q-



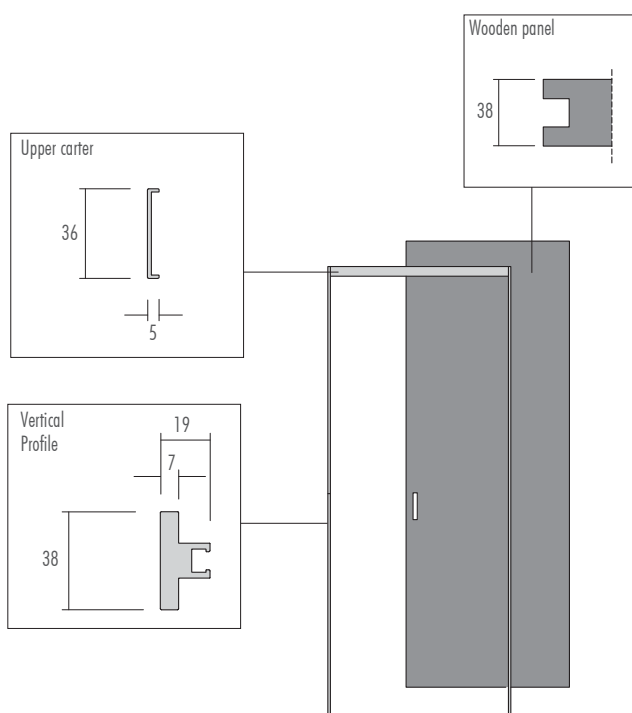
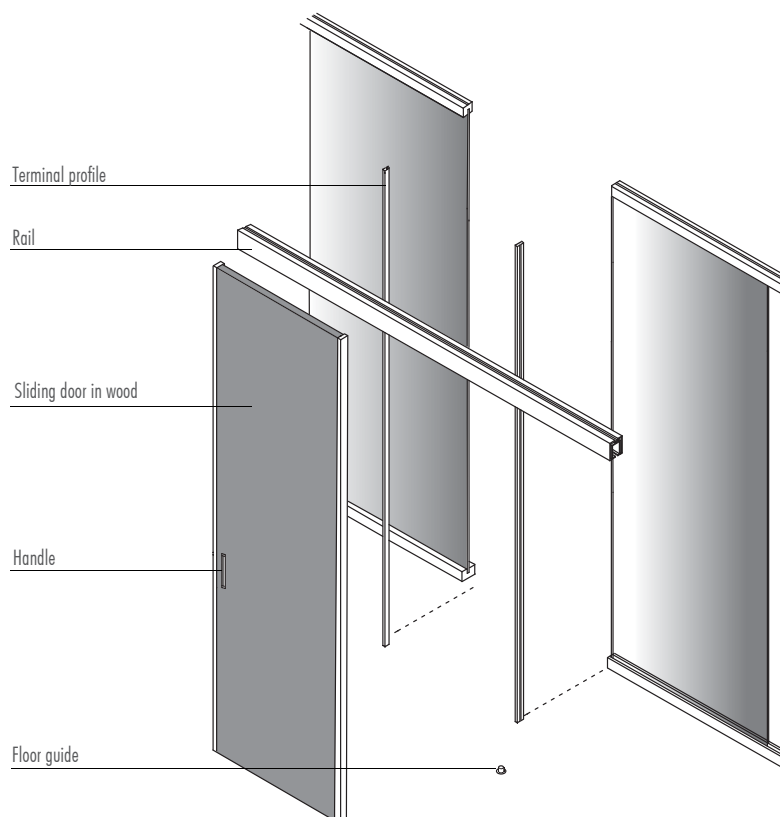
LOCK WITH KEY -Q1- *



LOCK WITH LATCH -Q2- *

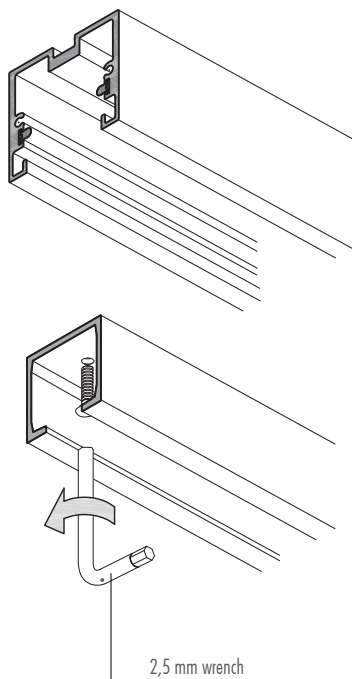


SLIDING DOOR IN WOOD (CEILING RAIL)

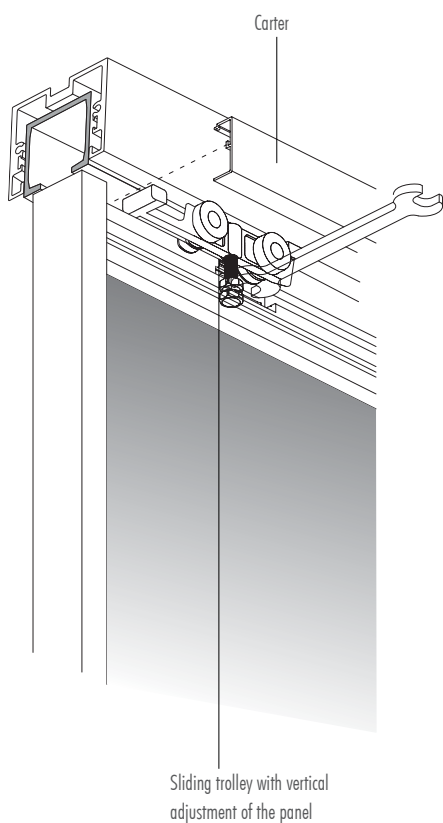


* Mandatory Doorjamb

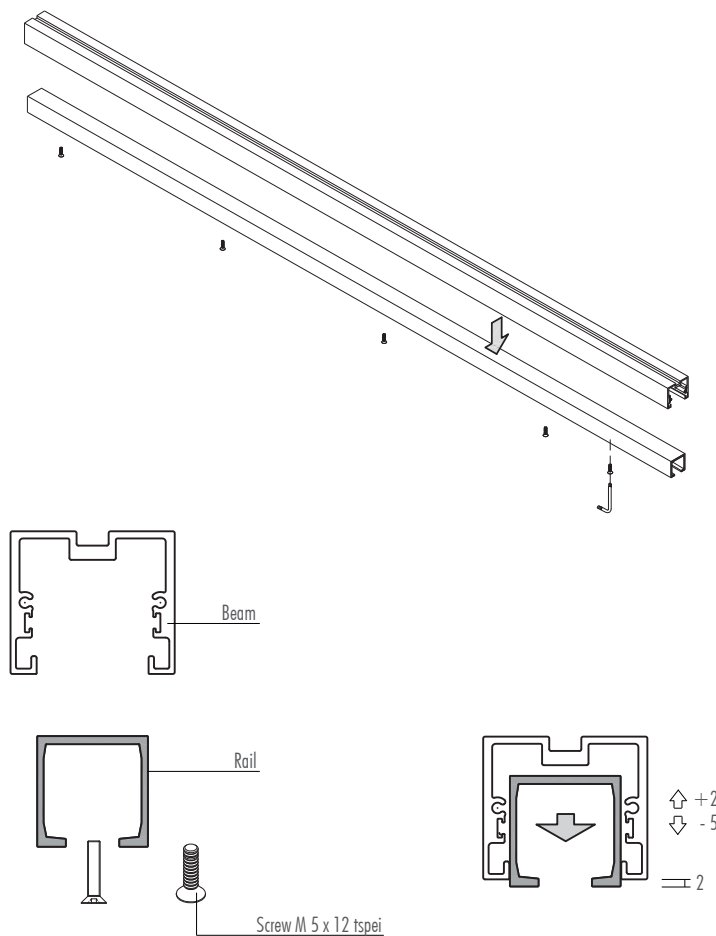
COMPONENTS OF THE RAIL



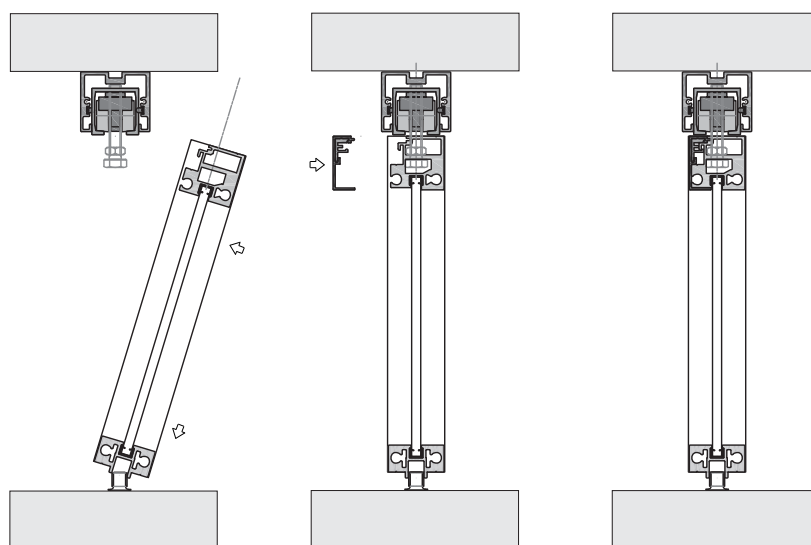
ADJUSTMENT OF THE DOOR



ASSEMBLING OF THE RAIL



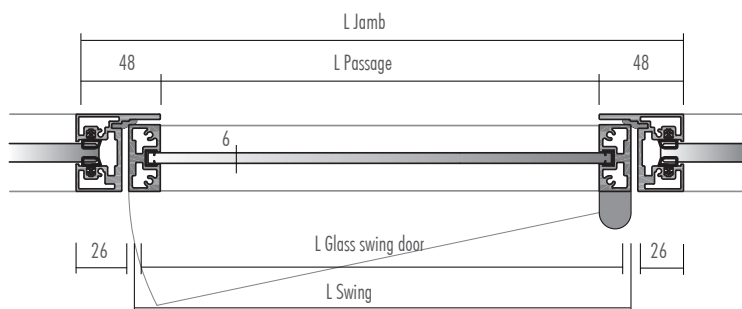
ASSEMBLING OF THE DOOR



ALL WAYS: RULES FOR THE CALCULATION OF THE COMPONENTS

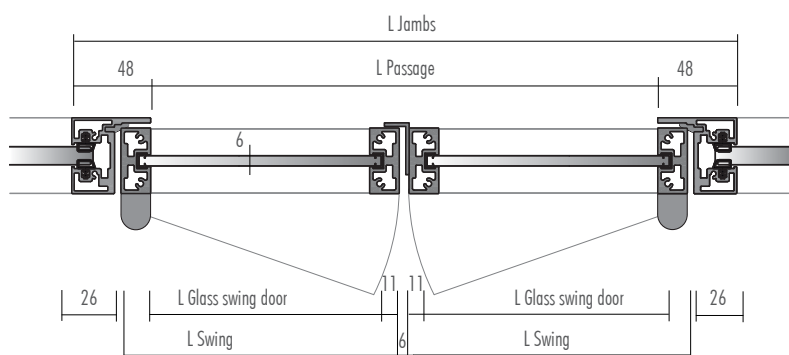
SINGLE SWING DOOR

$$\begin{aligned} L \text{ Jamb} &= L \text{ Passage} + 96 \text{ mm} \\ L \text{ Swing} &= L \text{ Passage} + 36 \text{ mm} \\ L \text{ Glass swing door} &= L \text{ Swing} - 22 \text{ mm} \end{aligned}$$



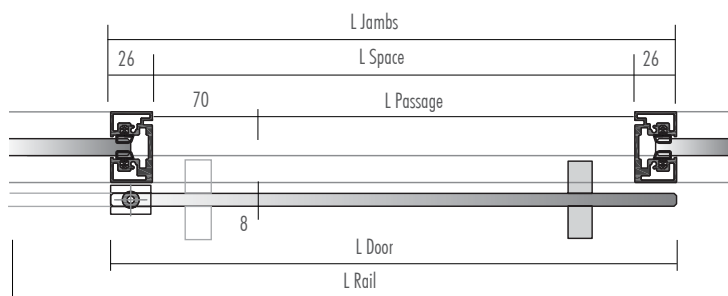
DOUBLE SWING DOOR

$$\begin{aligned} L \text{ Jamb} &= L \text{ Passage} + 96 \text{ mm} \\ L \text{ Swing} &= (L \text{ Passage} + 30) : 2 \\ L \text{ Glass swing door} &= L \text{ Swing} - 22 \text{ mm} \end{aligned}$$



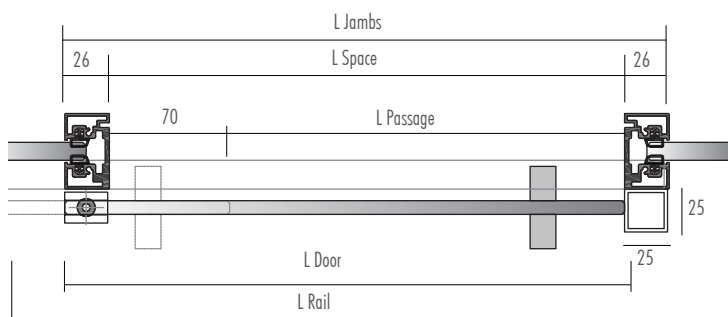
SLIDING DOOR IN GLASS (WALL RAIL)

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 52 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 91 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



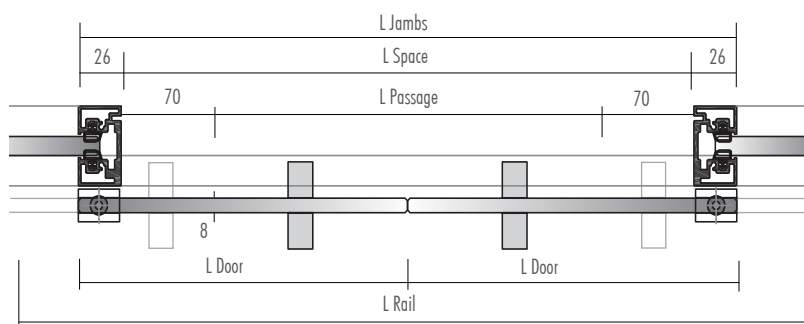
SLIDING DOOR IN GLASS (WALL RAIL) WITH WALL DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 26 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 68 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



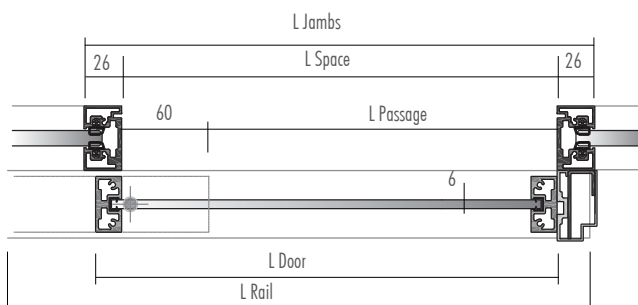
DOUBLE SLIDING DOORS IN GLASS (WALL RAIL)

$$\begin{aligned} L \text{ Door} &= (L \text{ Space} + 52) : 2 \\ L \text{ Rail} &= (L \text{ Door} \times 4) - 182 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 140 \text{ mm} \end{aligned}$$



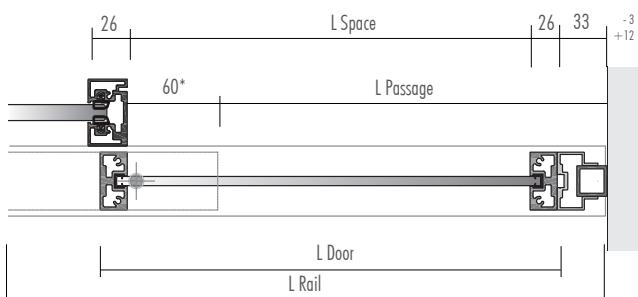
SLIDING DOOR IN GLASS ALUMINIUM WITH DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 36 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 70 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 60 \text{ mm} \end{aligned}$$



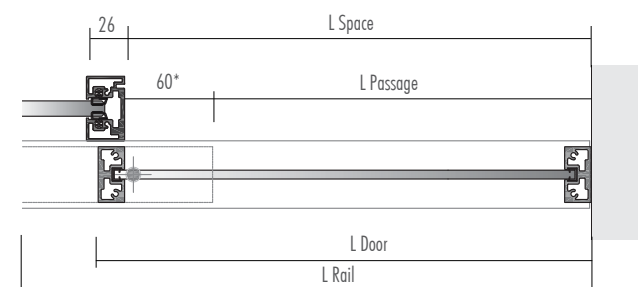
SLIDING DOOR IN GLASS ALUMINIUM WITH DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} - 15 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 41 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 93 \text{ mm} \end{aligned}$$



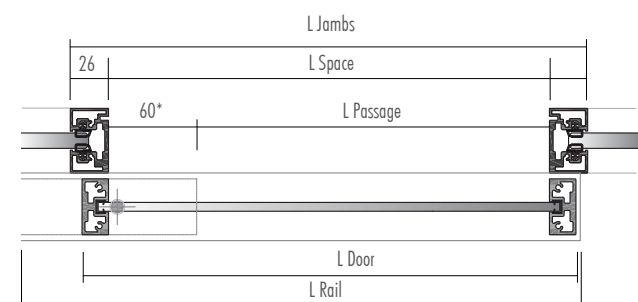
SLIDING DOOR IN GLASS ALUMINIUM BETWEEN GLASS AND WALL

$$\begin{aligned} L \text{ Door} &= L \text{ Space} - 18 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 74 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 60 \text{ mm} \end{aligned}$$



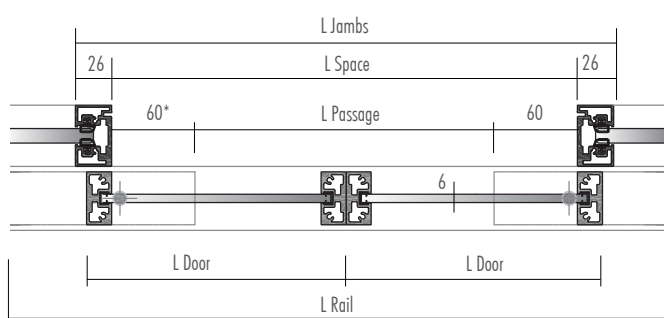
SLIDING DOOR IN GLASS ALUMINIUM BETWEEN GLASS AND GLASS

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 36 \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 70 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 60 \text{ mm} \end{aligned}$$



DOUBLE SLIDING DOORS IN GLASS

$$\begin{aligned} L \text{ Door} &= (L \text{ Space} + 36) : 2 \\ L \text{ Rail} &= (L \text{ Door} \times 4) - 146 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 120 \text{ mm} \end{aligned}$$

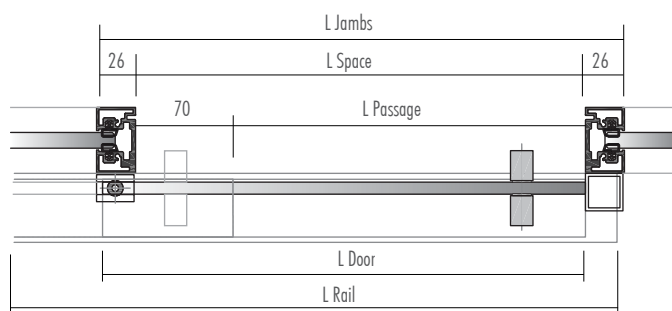


* Dimensions for handle with lock
Dimensions for handle without lock = 45 mm

ALLWAYS RULES FOR THE CALCULATION OF THE COMPONENTS

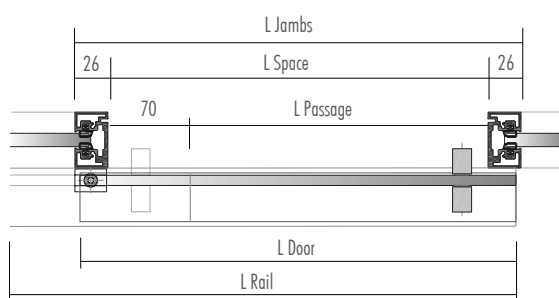
SLIDING DOOR IN GLASS (CEILING RAIL) DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 44 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 87 \text{ mm} \\ L \text{ Glass} &= L \text{ Anta} - 2 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



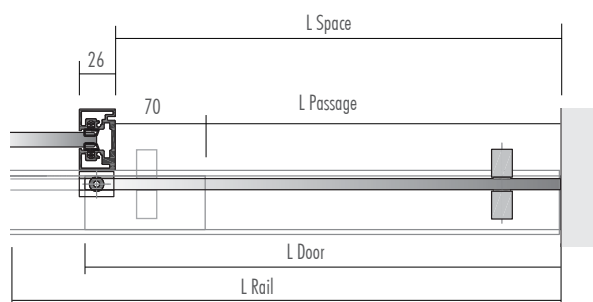
SLIDING DOOR IN GLASS (CEILING RAIL)

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 44 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 87 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 2 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



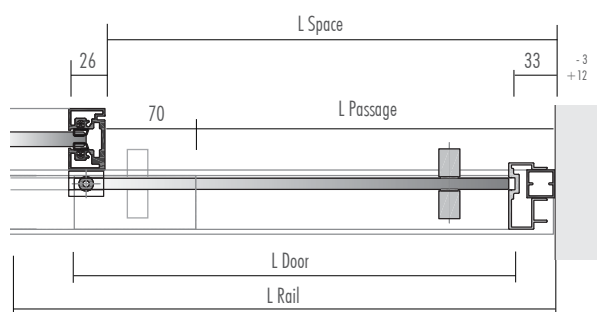
SLIDING DOOR IN GLASS

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 22 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 87 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 2 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



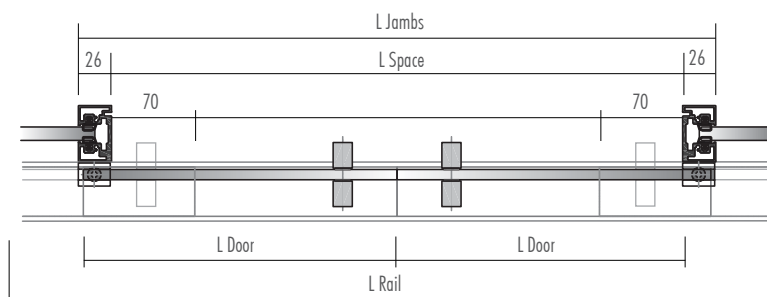
SLIDING DOOR IN GLASS WITH DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} - 11 \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 55 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 2 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 103 \text{ mm} \end{aligned}$$



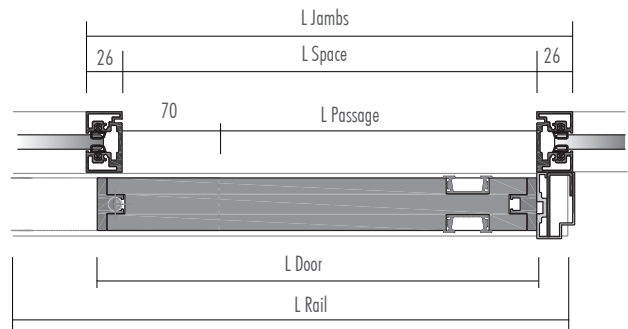
DOUBLE SLIDING DOORS IN GLASS (CEILING RAIL)

$$\begin{aligned} L \text{ Door} &= (L \text{ Space} + 44 \text{ mm}) : 2 \\ L \text{ Rail} &= (L \text{ Door} \times 4) - 174 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 2 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 140 \text{ mm} \end{aligned}$$



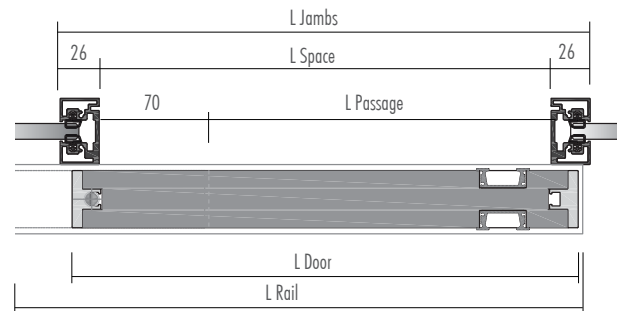
SLIDING DOOR IN WOOD WITH DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 36 \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 80 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



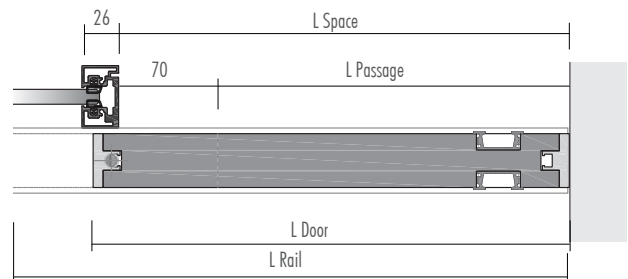
SLIDING DOOR IN WOOD

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 36 \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 80 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 70 \text{ mm} \end{aligned}$$



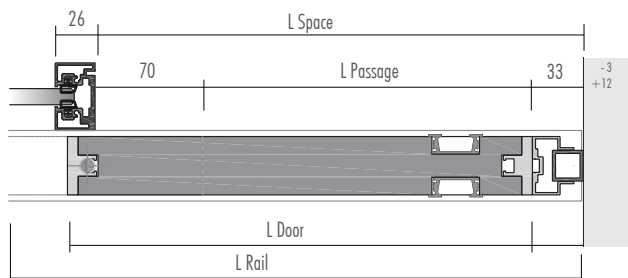
SLIDING DOOR IN WOOD

$$\begin{aligned} L \text{ Door} &= L \text{ Space} + 18 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 98 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 103 \text{ mm} \end{aligned}$$



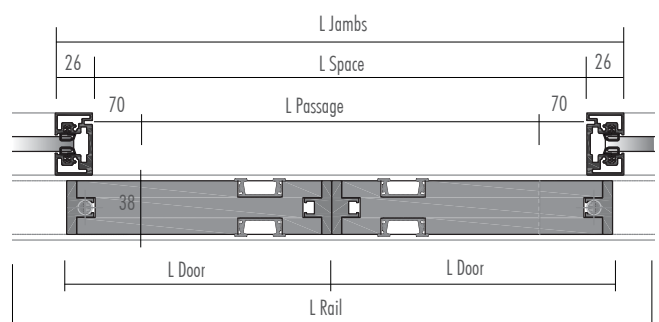
SLIDING DOOR IN WOOD WITH DOORJAMB

$$\begin{aligned} L \text{ Door} &= L \text{ Space} - 15 \text{ mm} \\ L \text{ Rail} &= (L \text{ Door} \times 2) - 51 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 103 \text{ mm} \end{aligned}$$



DOUBLE SLIDING DOOR IN WOOD

$$\begin{aligned} L \text{ Door} &= (L \text{ Space} + 36) : 2 \\ L \text{ Rail} &= (L \text{ Door} \times 4) - 166 \text{ mm} \\ L \text{ Glass} &= L \text{ Door} - 22 \text{ mm} \\ L \text{ Passage} &= L \text{ Space} - 140 \text{ mm} \end{aligned}$$

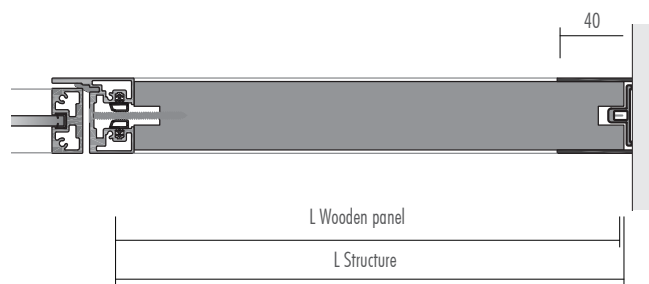


ALLWAYS RULES FOR THE CALCULATION OF THE COMPONENTS

FIXED PANEL IN WOOD BETWEEN JAMB AND WALL

$$L \text{ Wooden panel} = L \text{ Structure} - 1 \text{ mm}$$

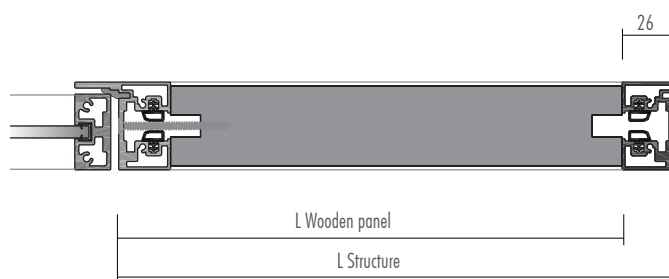
$$L \text{ Profile} = L \text{ Structure} - 40 \text{ mm}$$



FIXED PANEL IN WOOD BETWEEN JAMB AND JAMB

$$L \text{ Wooden panel} = L \text{ Structure} - 26 \text{ mm}$$

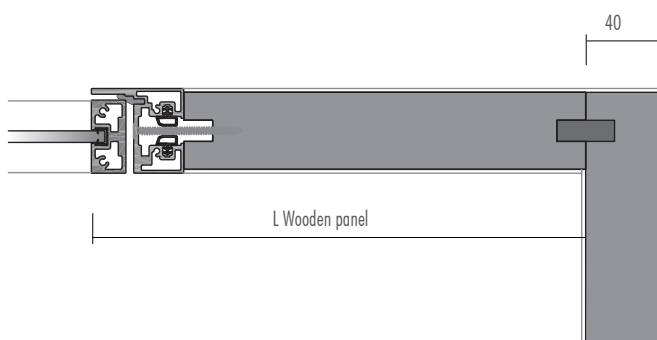
$$L \text{ Profile} = L \text{ Structure} - 26$$



FIXED PANEL IN WOOD BETWEEN JAMB AND CORNER

$$L \text{ Wooden panel} = L \text{ Structure} - 1 \text{ mm}$$

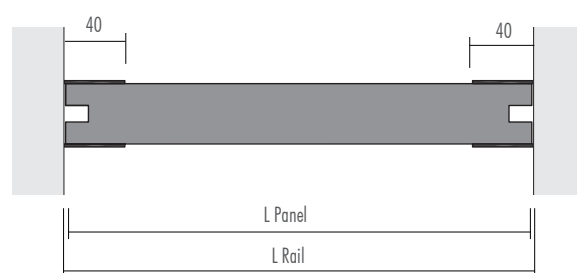
$$L \text{ Profile} = L \text{ Structure}$$



FIXED PANEL IN WOOD

$$L \text{ Wooden panel} = L \text{ Space} - 2 \text{ mm}$$

$$L \text{ Profile} = L \text{ Space} - 80 \text{ mm}$$



FIXED PANEL IN WOOD

$$L \text{ Wooden panel} = (L \text{ Space} - 2) : 2 \text{ mm}$$

$$L \text{ Profile} = L \text{ Space} - 80 \text{ mm}$$

