

GLASSFIRE

Aluker

Multifunction doors

Functionality and aesthetics



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JULY 31, 2026 EDITION

Aluker

The new line of doors created by
GLASSFIRE

Multifunction doors for residential, industrial, commercial,
public, and healthcare environments.

ALUKER System

ALUKER MULTIFUNCTION is the line of interior aluminum doors designed to provide concrete solutions to market demands, thanks to the absence of sharp edges (for greater safety, especially in public environments) and wide application flexibility. Construction options include hinged or sliding doors, both glazed and panel types, with a broad range of customizable colors and finishes. Closure is ensured by perimeter EPDM seals for airtightness and noise reduction, complemented by a selection of locks (with magnetic or mechanical latch), supported by a complete range of frames for installation on any type of wall.

Technical Specification:

Multifunctional aluminum interior doors denominated ALUKER produced by Glassfire S.R.L., manufactured with extrusions in aluminum alloy EN AW-6060 (UNI EN 573-3), supplied in T5 and T6 conditions compliant with UNI EN 515 standard, with dimensional tolerances and thicknesses conforming to UNI EN 12020-2 standard. The fixed frame can accommodate walls with a minimum thickness of 100mm, while the movable parts will have a depth of 40mm. The corner joints between uprights and crosspieces must be perfectly rigid and will be connected using special button-type die-cast aluminum brackets. The system will have a sealing gasket placed on the frame made of EPDM.

Structure:

Fixed frame for wall thicknesses of 100mm. Movable parts with a depth of 40mm. Rigid corner joints guaranteed by button-type die-cast aluminum brackets. Sealing gasket on the frame in EPDM.

Finish and painting:

The profiles undergo a chemical pretreatment SEASIDE (degreasing, acid etching, and chromium-free conversion), ensuring high corrosion resistance, even in marine environments. This is followed by electrostatic coating with high-resistance polyester powders (outdoor). The processes are certified QUALICOAT (RAL painting) and QUALIDECO (wood effect), with an external warranty of 10 or 15 years (Class 1 or Class 2).

Usage conditions:

Hospitals, clinics, nursing homes, swimming pools, sports centers, schools and kindergartens, industries, restaurants, canteens, social facilities, wellness centers, offices, laboratories, residences.

MULTIFUNCTION DOORS

MINIMAL

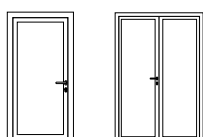


The Minimal Door is designed for those who seek an essential aesthetic, without visible profiles. The panel becomes the main element, perfectly integrating with the wall for a seamless effect. The door is customizable with a wide range of finishes. Aluker Minimal offers an elegant and contemporary design that harmoniously blends with the architecture without compromising functionality.

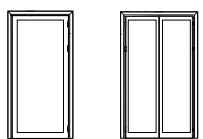
TECHNICAL SPECIFICATIONS

- Frame**
 Suitable for walls of variable thickness, made with 6060 aluminum alloy profiles. The rigidity and shape of the profile ensure extreme ease of assembly. Ral 7035 finish.
- Filling panel**
 Composed of: ABS edge, 40mm fir perimeter frame, honeycomb cardboard, HPL laminate coating, double MDF support. Abet 475 finish.
- Accessories**
 Perimeter sealing gasket; 3 black/silver aluminum hinges with adjustable nylon bushings; fixing plate and stainless steel stop to ensure adjustment during assembly; handle with satin aluminum finish complete with rosette and 3-key cylinder.
- Rebate**
 Ral 7035 finish. To be considered with wall thickness, minimum 10 cm up to a maximum of 14 cm. For thicker walls, calculate an extension relative to the wall thickness.
- TManufactured with Fonoisolleaf power**
 Fonoisolleaf power Rw 31 dB (optional)

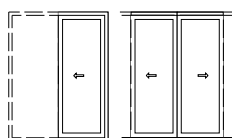
DOOR TYPES



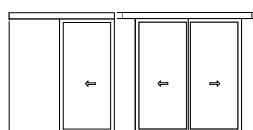
Single and double
leaf hinged doors



Single and double leaf
double-acting doors

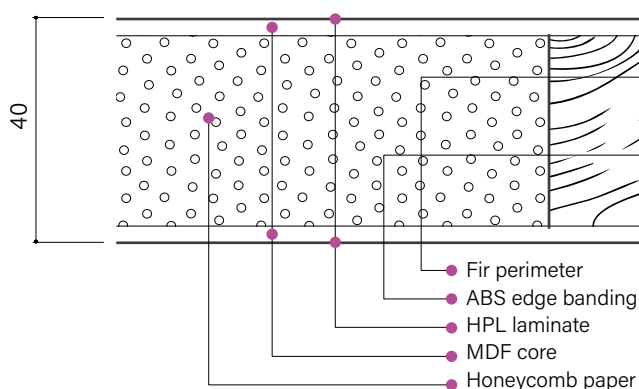
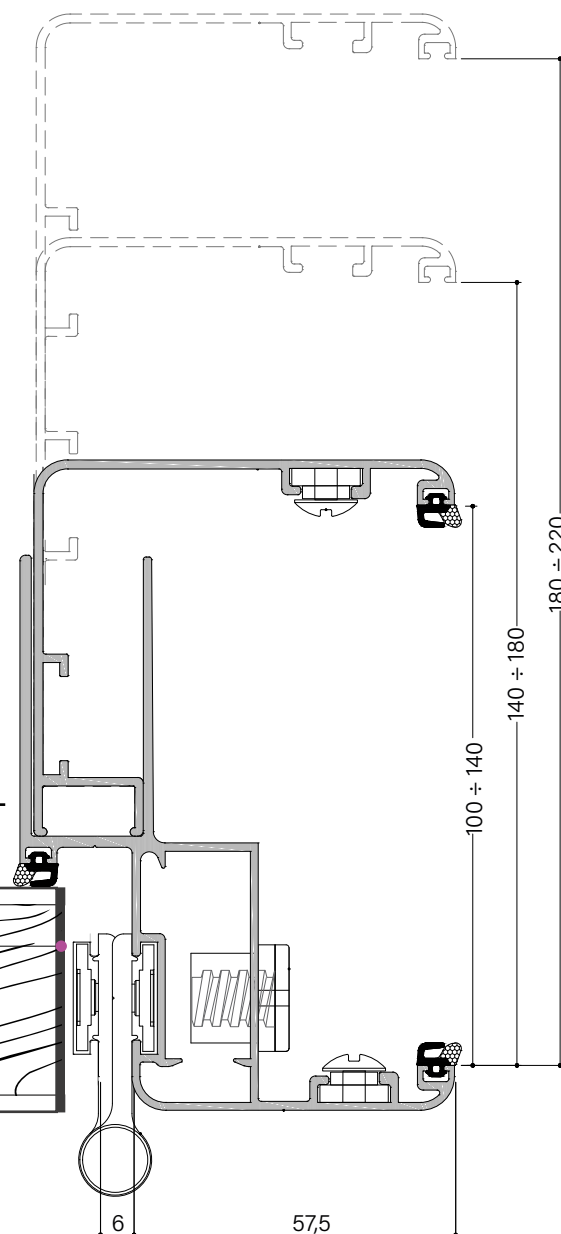


Single and double leaf
pocket sliding
doors
Scigno base 105

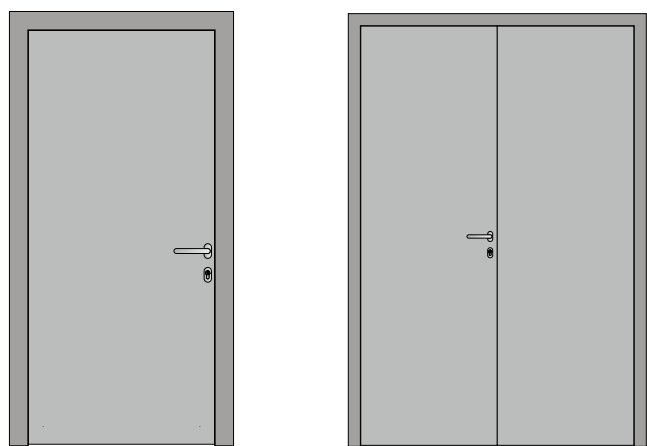


Single and double leaf
surface-mounted
sliding doors

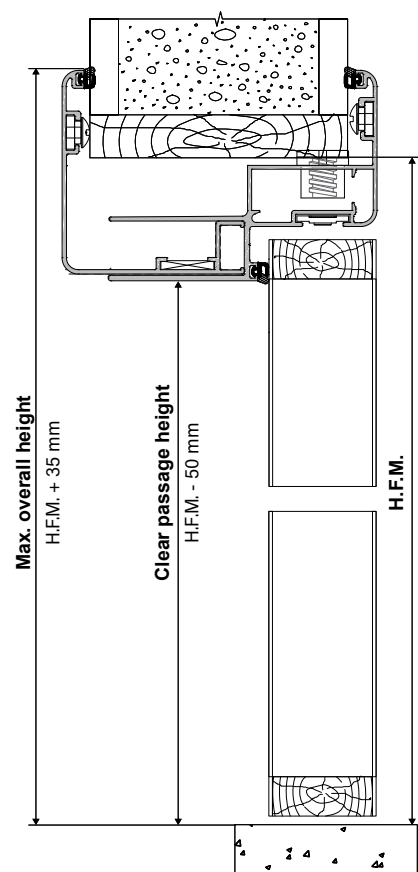
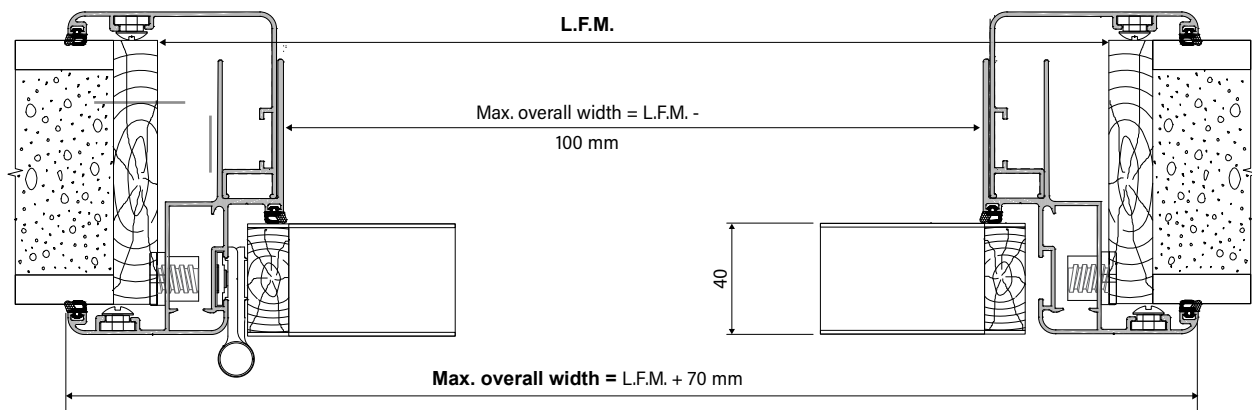
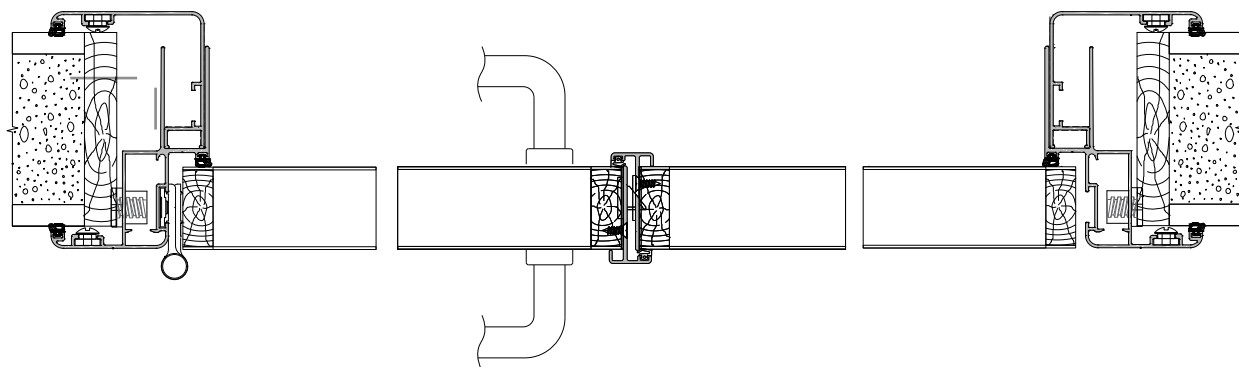
PANEL



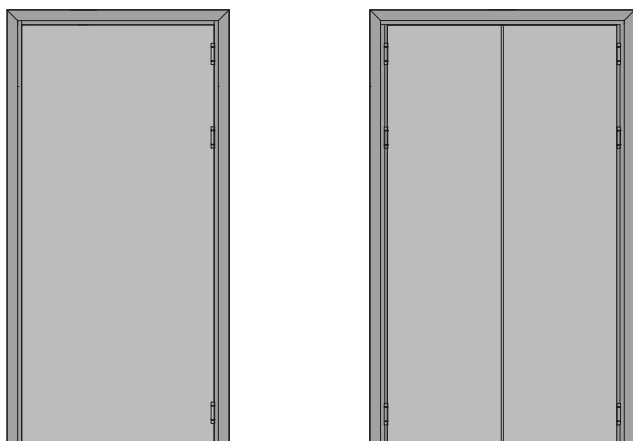
HINGED DOORS



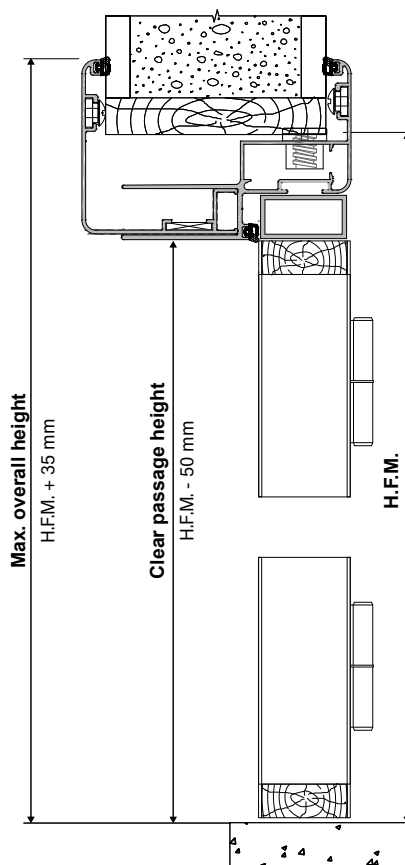
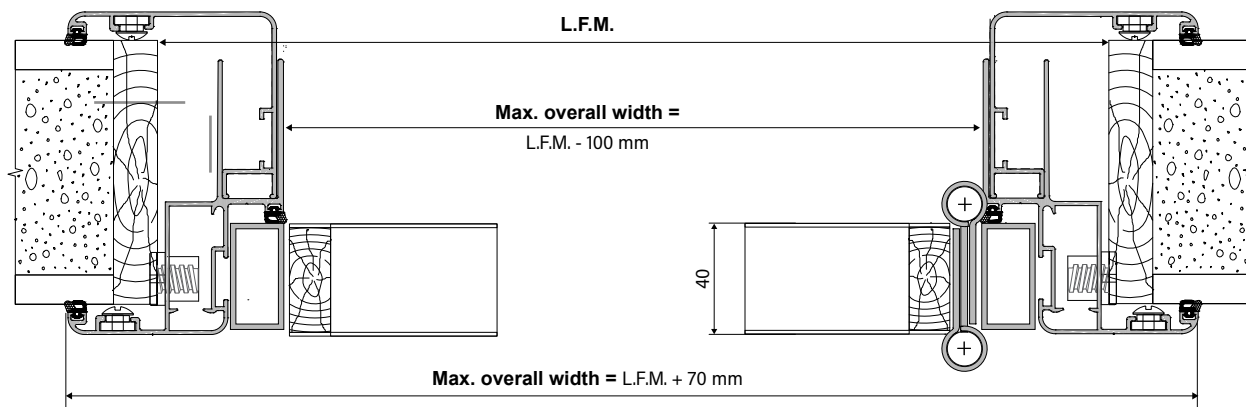
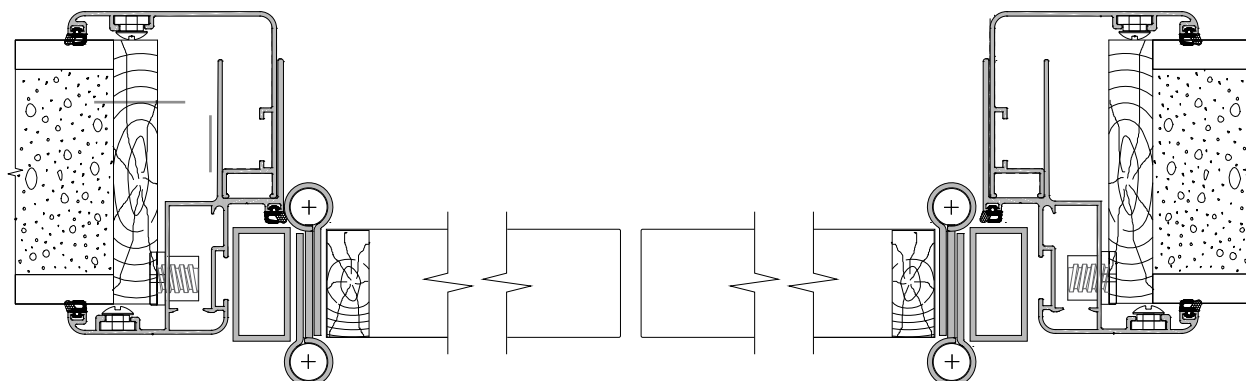
1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm

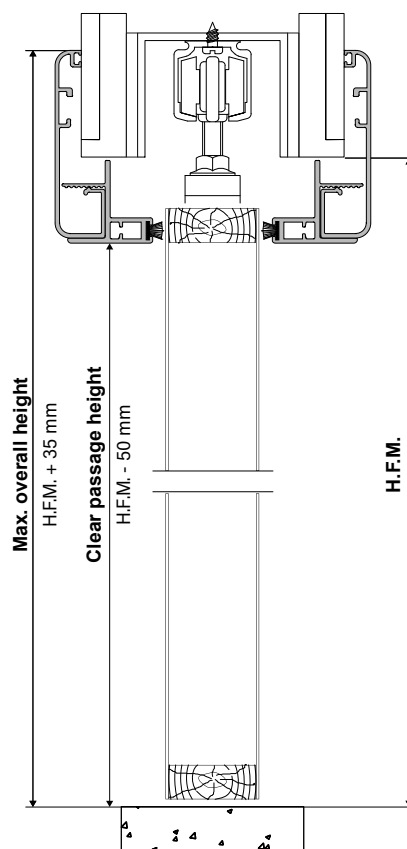


ACTING DOORS



1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm

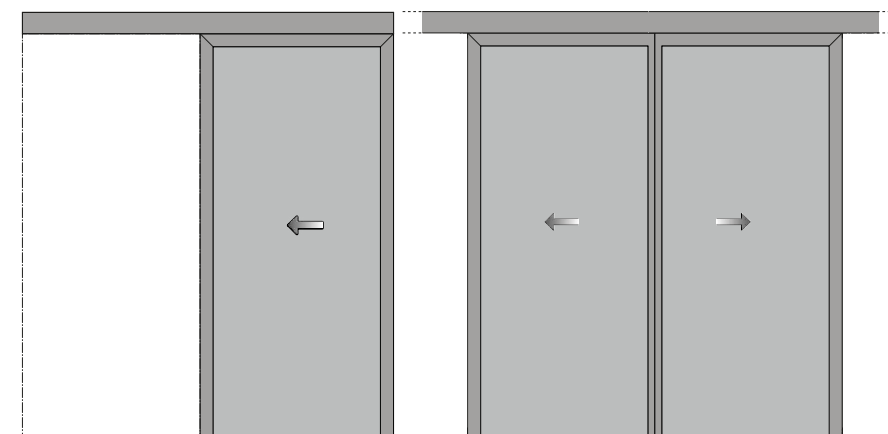




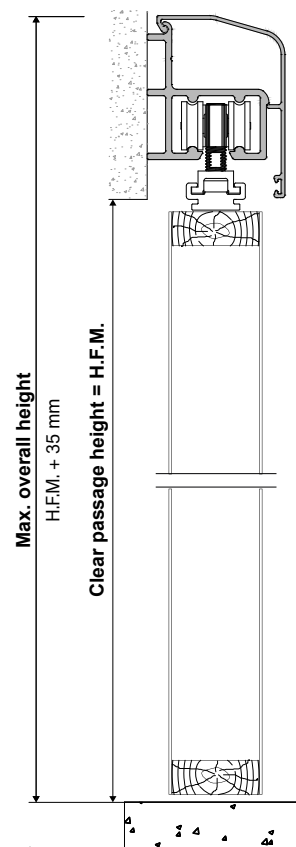
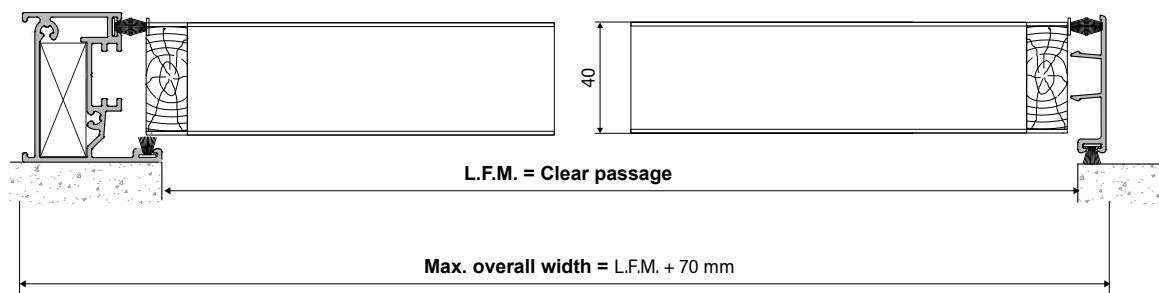
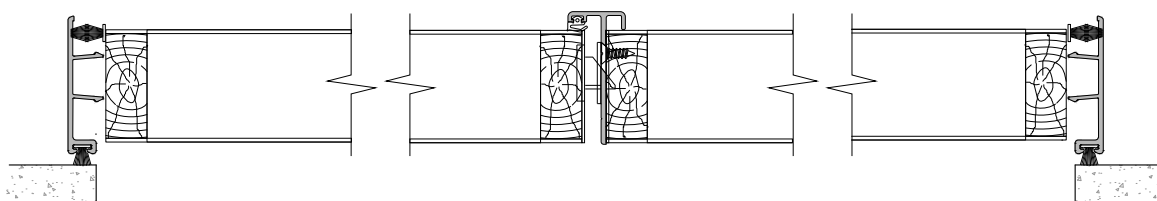
1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. +35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. +70 mm
Clear passage width		L.F.M. - 100 mm



SURFACE-MOUNTED SLIDING DOORS



1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



EVOLUTION

→ Door jamb, Door leaf, Door casing
RAL 7035



→ Abet Panel Finish
475



The Evolution line is characterized by exposed profiles, which give it a modern and distinctive design. The doors, customizable in various finishes, offer versatility by adapting to any environment. The robustness of the aluminum frame ensures durability, while the exposed profiles enhance the aesthetics. Aluker Evolution transforms every door into a design element that enhances spaces.

CARATTERISTICHE TECNICHE

■ **Frame**

Suitable for walls of variable thickness, made with profiles in 6060 aluminum alloy. The rigidity and shape of the profile ensure extreme ease of assembly. Ral 7035 finish.

■ **Filling panel**

Composed of: high-density expanded polystyrene, HPL laminate coating, double MDF support. Abet 475 finish.

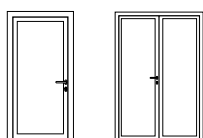
■ **Accessories**

Perimeter sealing gasket; no. 3 black/silver aluminum hinges with adjustable nylon bushing; fixing plate and stainless steel stop to ensure adjustment during assembly; handle with satin aluminum finish complete with rosette and 3-key cylinder.

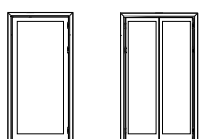
■ **Rebate**

Ral 7035 finish. To be considered with wall thickness, minimum 10 cm up to a maximum of 14 cm. For thicker walls, calculate an extension relative to the wall thickness.

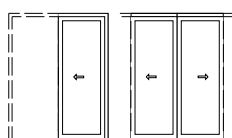
DOOR TYPES



Single and double leaf hinged doors

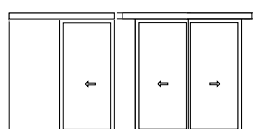


Single and double leaf double-acting doors



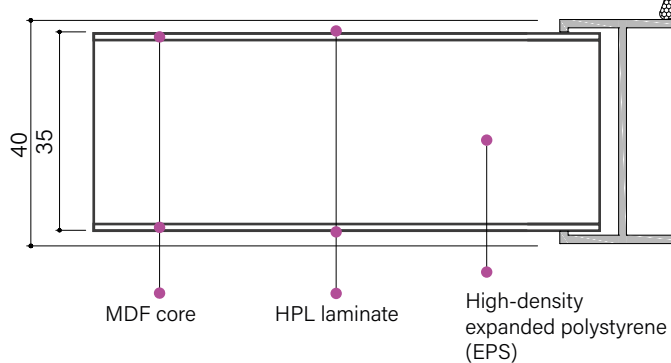
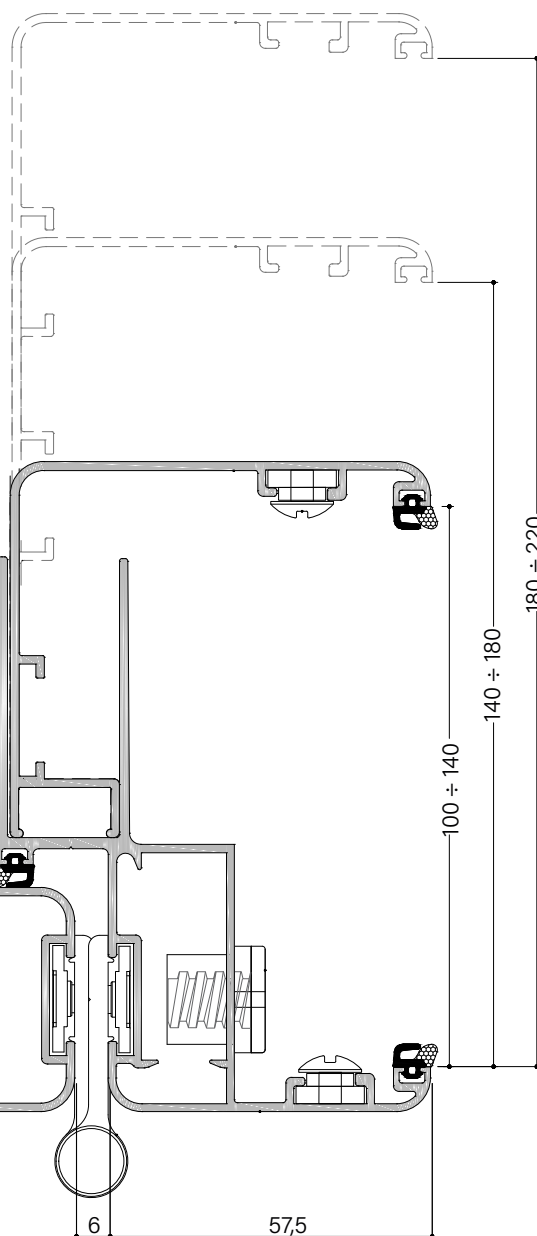
Single and double leaf pocket sliding doors

Scigno base 105

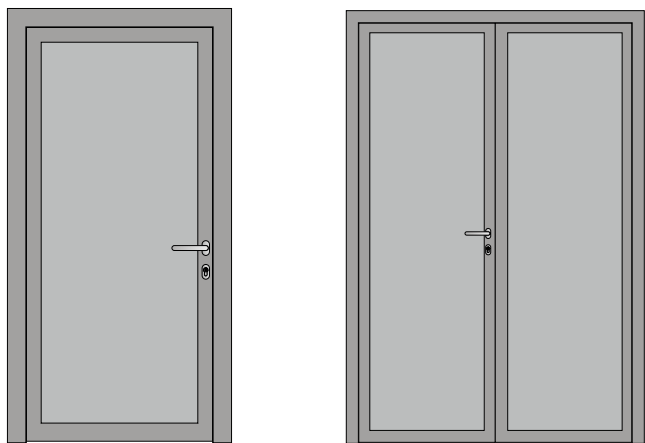


Single and double leaf surface-mounted sliding doors

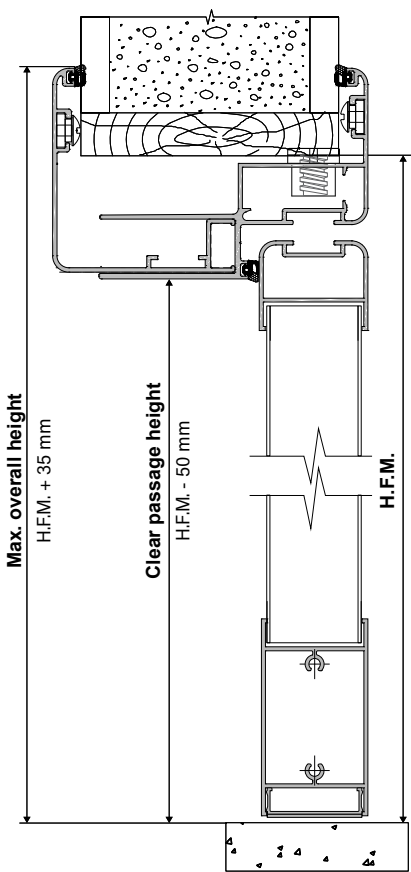
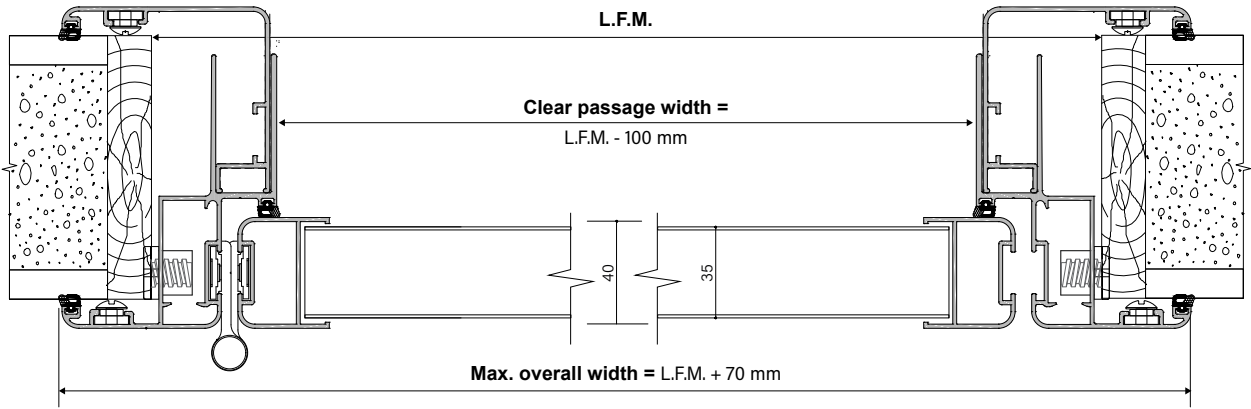
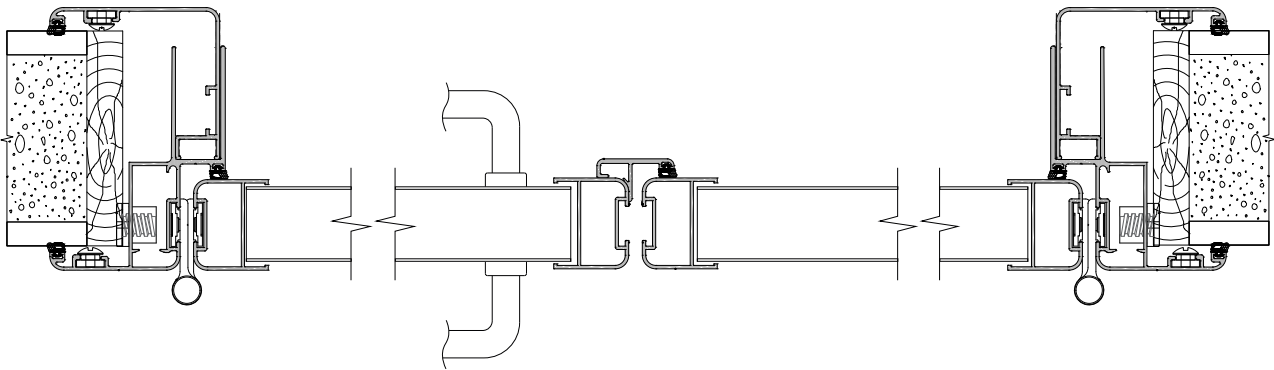
PANEL



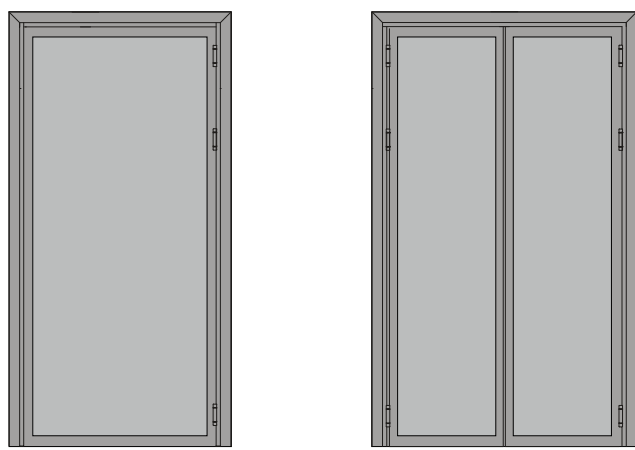
HINGED DOORS



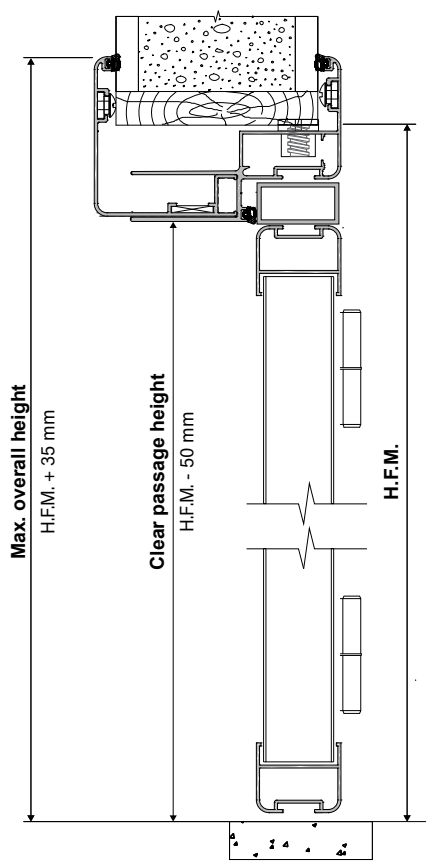
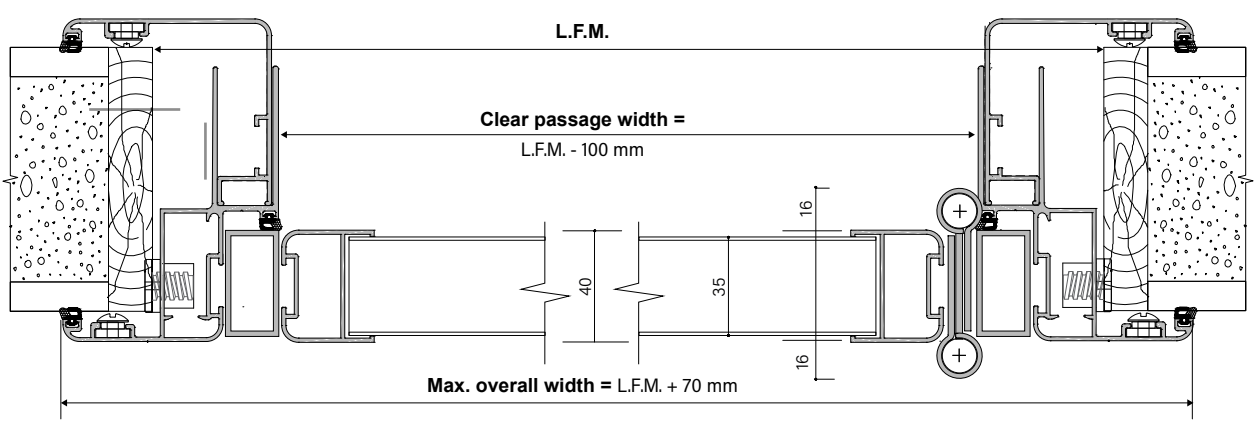
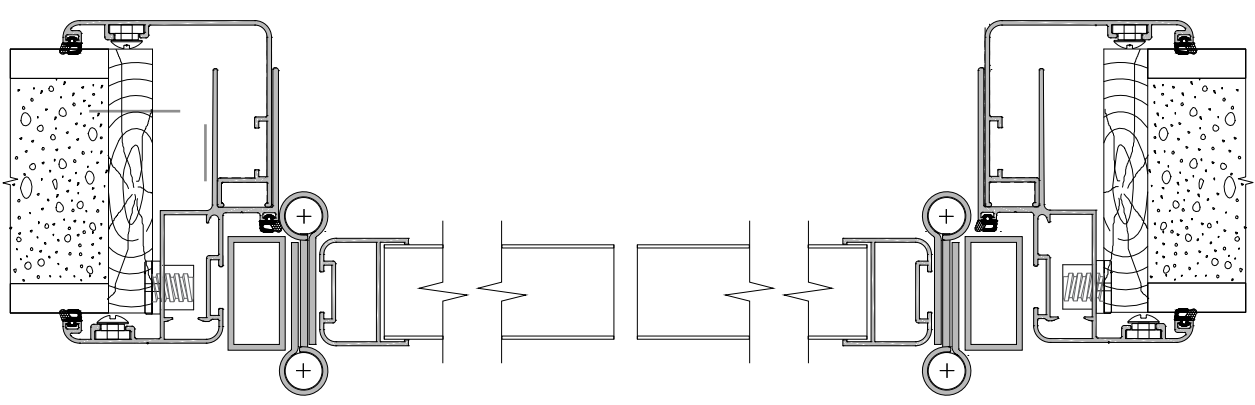
1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



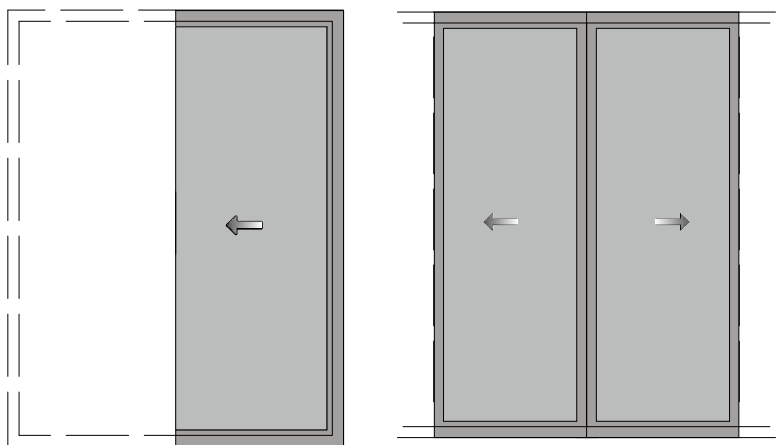
ACTING DOORS



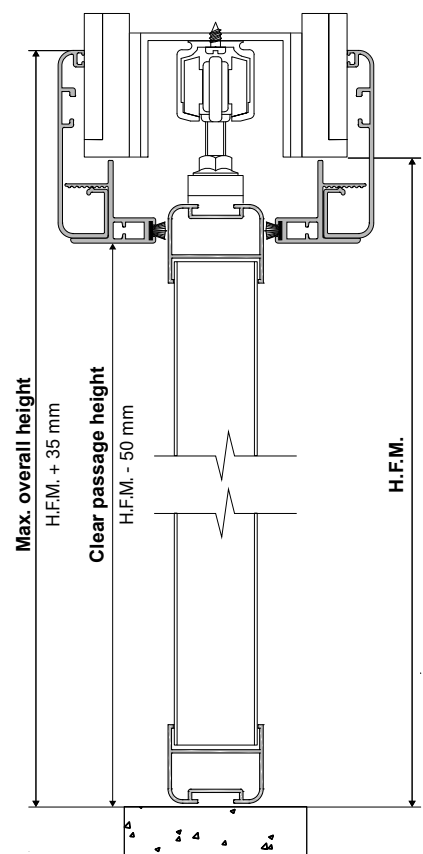
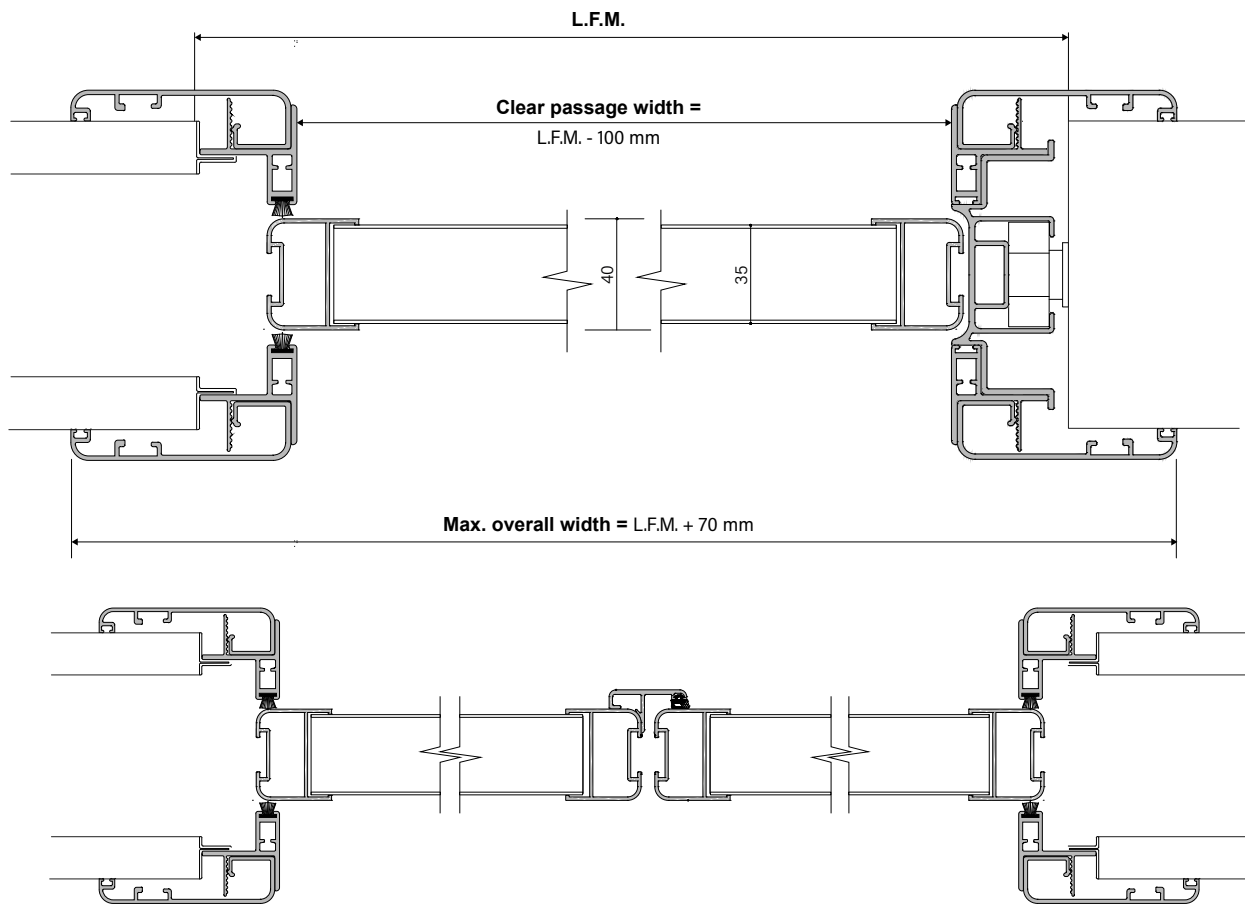
1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



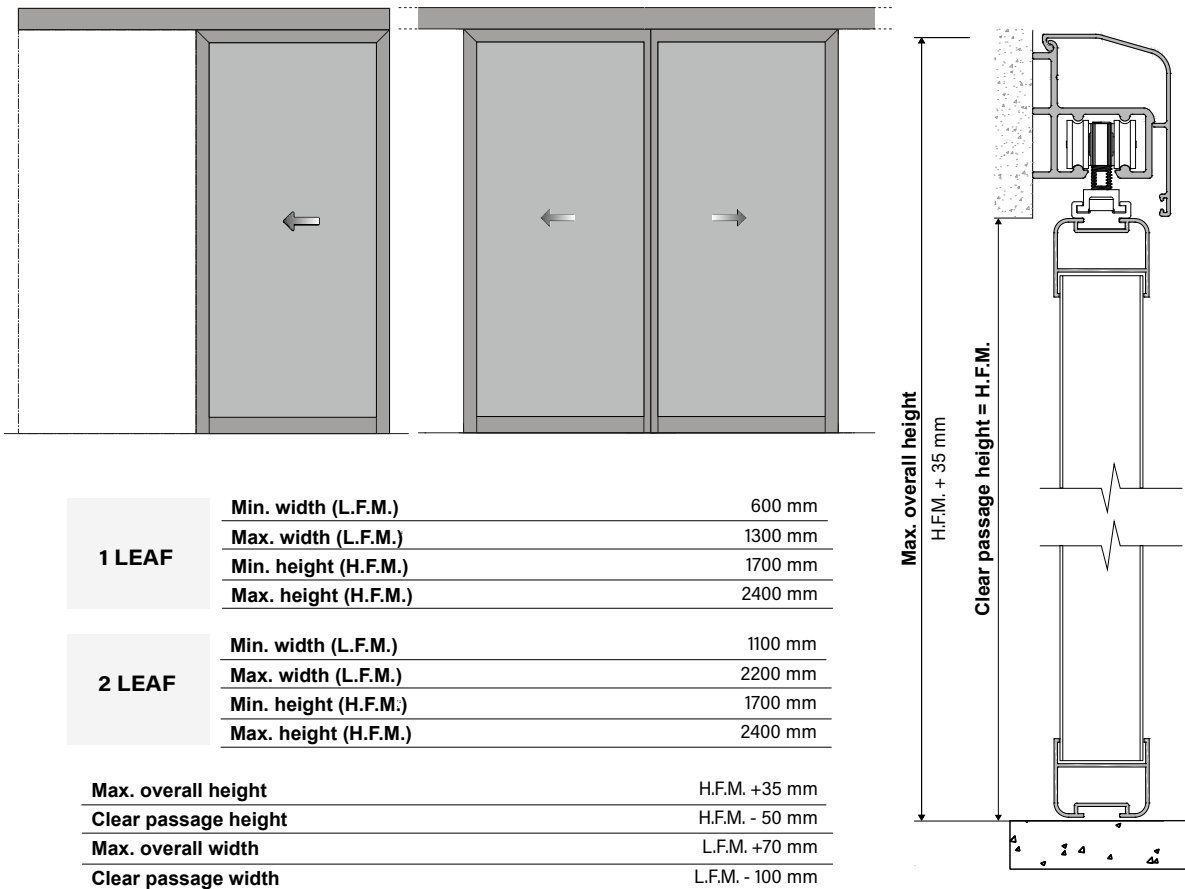
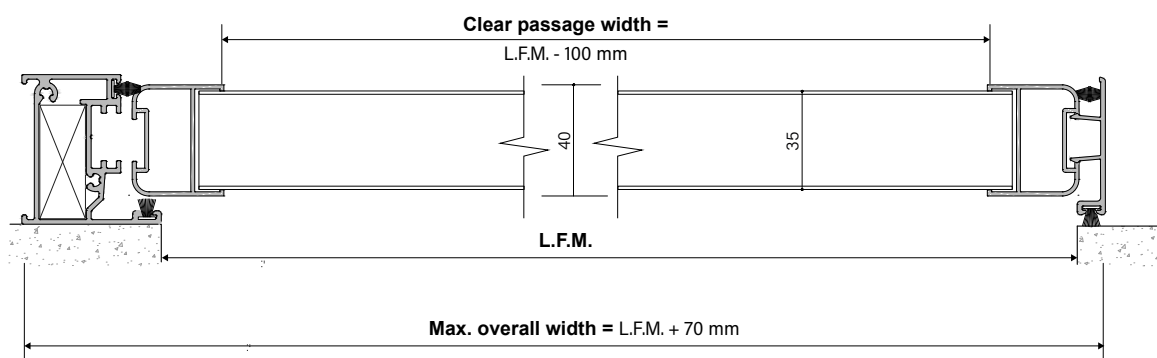
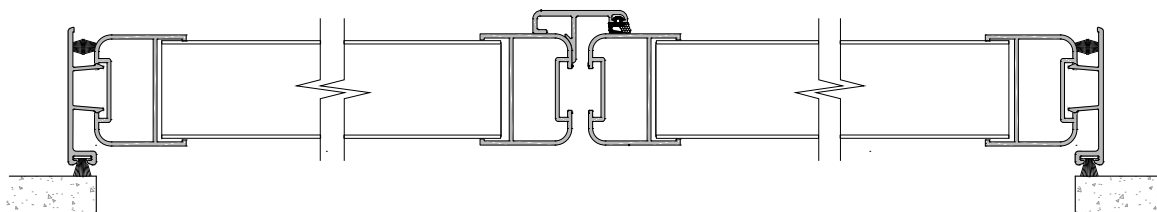
POCKET SLIDING DOORS



1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



SURFACE-MOUNTED SLIDING DOORS



VISION

→ Door jamb, Door leaf, Door casing
RAL 7035



→ **Anti-break glass door**

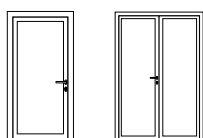


The Vision line represents excellence in glass door design, created to craft welcoming and inspiring spaces. The transparency of the glass enhances brightness, offering a sense of openness and continuity. Vision allows for the separation of spaces without compromising natural light, thanks to its elegant glass panels, meeting both practical and stylistic needs of contemporary environments.

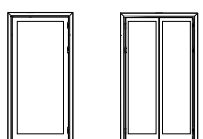
TECHNICAL SPECIFICATIONS

- Frame**
 Suitable for walls of variable thickness, made with 6060 aluminum alloy profiles. The rigidity and shape of the profile ensure extreme ease of assembly. RAL 7035 finish.
- Door leaf**
 Built using 33.2 laminated safety glass, inserted into an aluminum perimeter profile with a finish matching the frame and the jamb. Door leaf thickness 45 mm. Abet 475 finish.
- Accessories**
 Perimeter sealing gasket; 3 black/silver aluminum hinges with adjustable nylon bushing; fixing plate and stainless steel stop to ensure adjustment during assembly; handle with satin aluminum finish complete with rosette and cylinder with 3 keys.
- Jamb**
 RAL 7035 finish. To be considered with wall thickness, minimum 10 cm up to a maximum of 14 cm. For thicker walls, calculate an extension relative to the wall thickness.

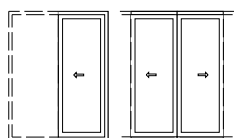
DOOR TYPES



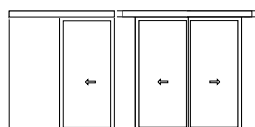
Single and double leaf hinged doors



Single and double leaf double-acting doors

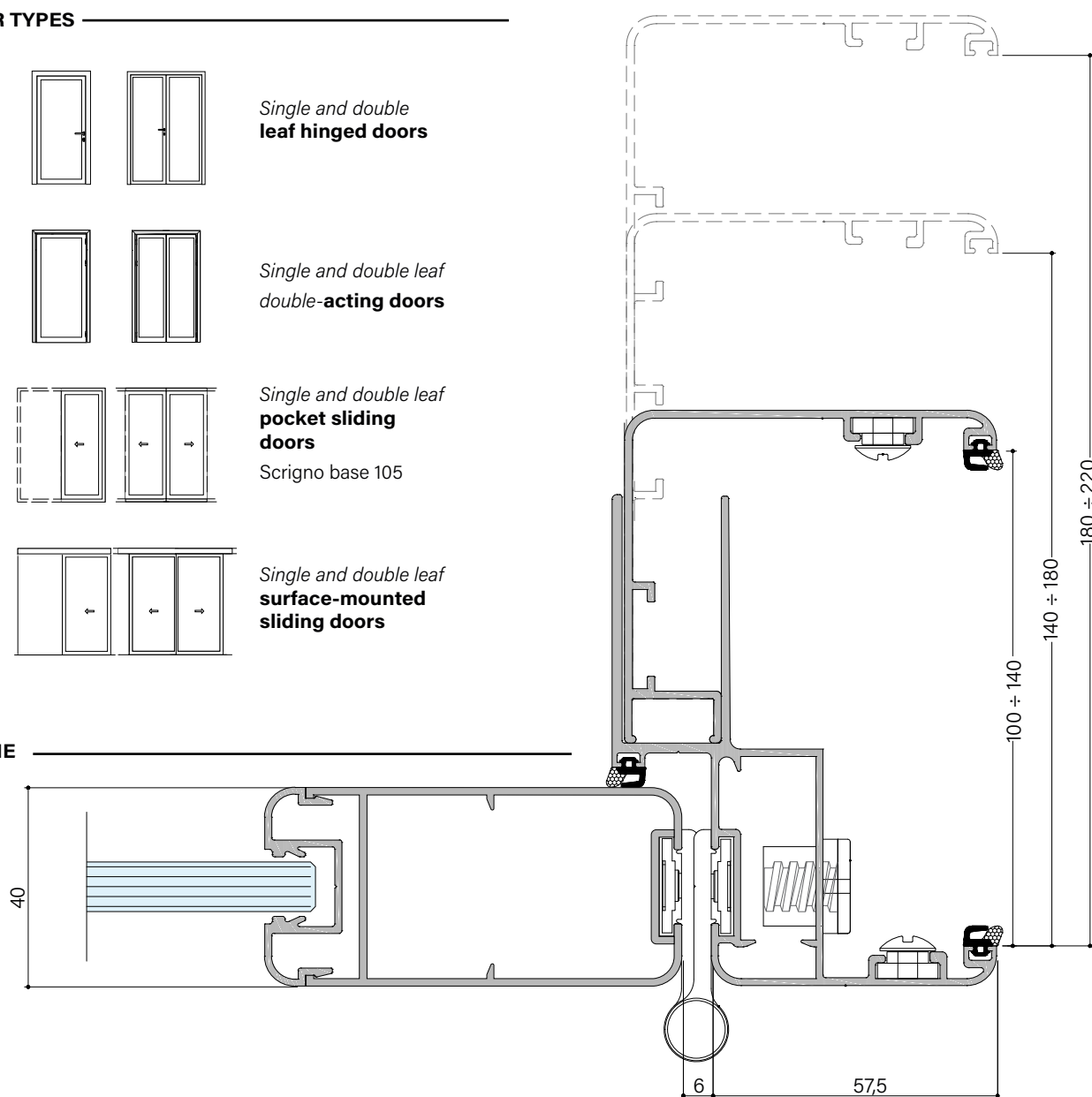


Single and double leaf pocket sliding doors
Scigno base 105

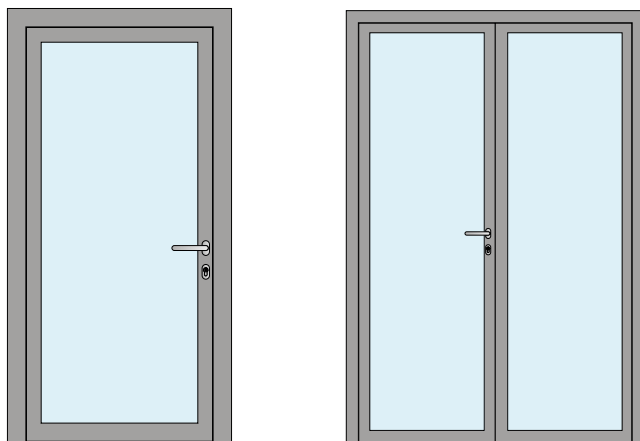


Single and double leaf surface-mounted sliding doors

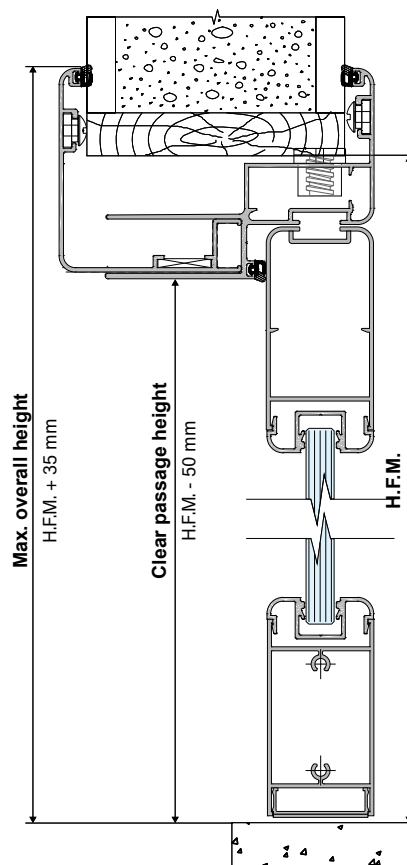
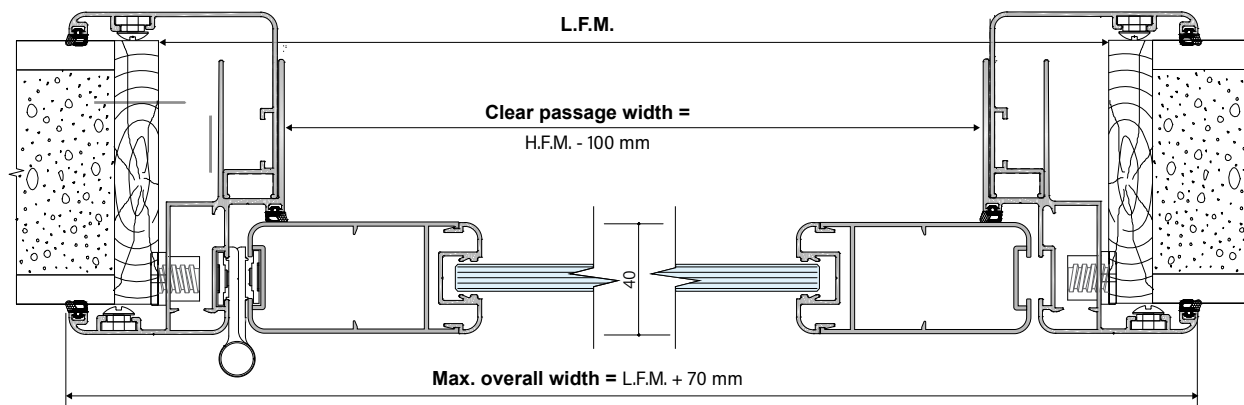
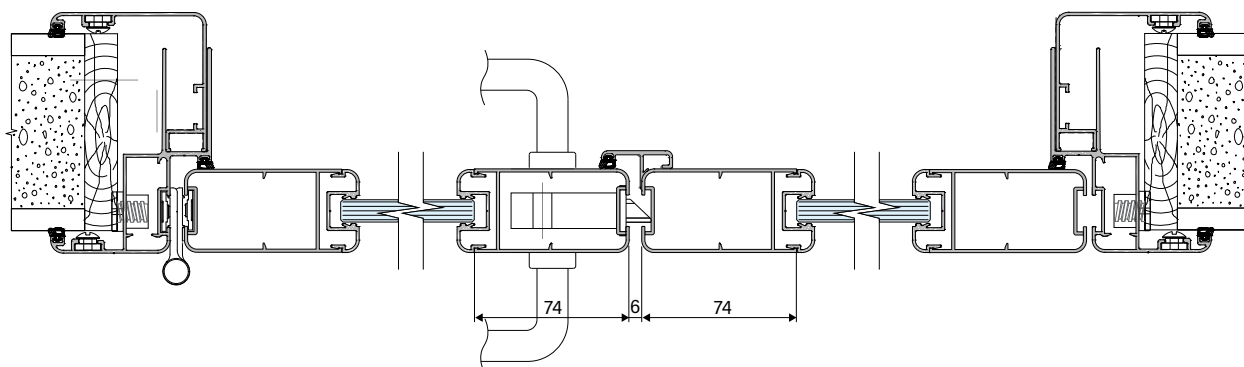
FRAME



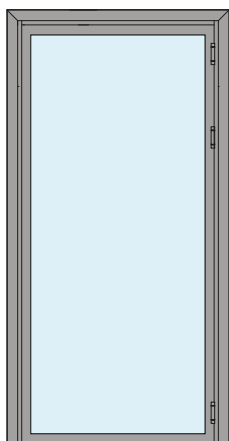
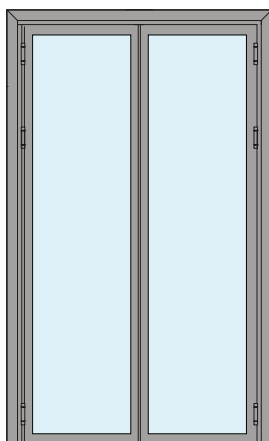
HINGED DOORS



1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



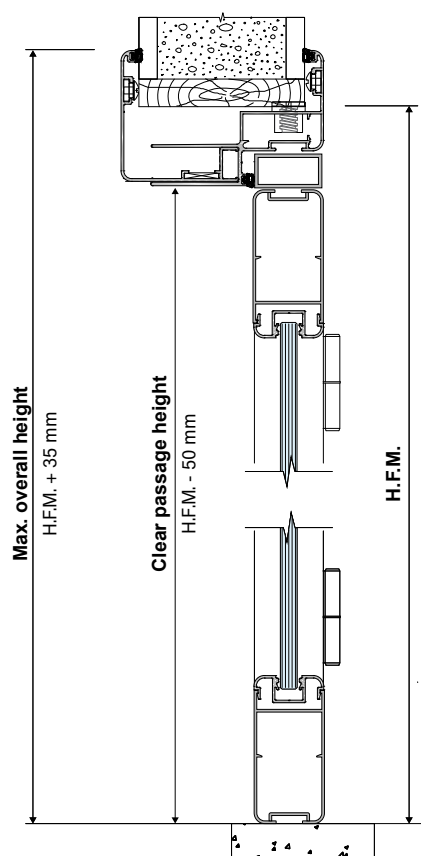
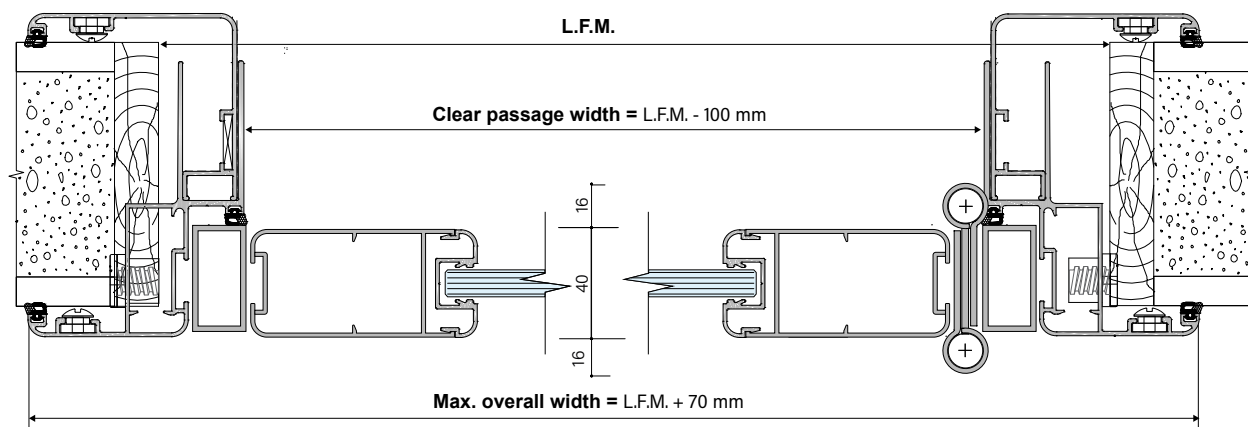
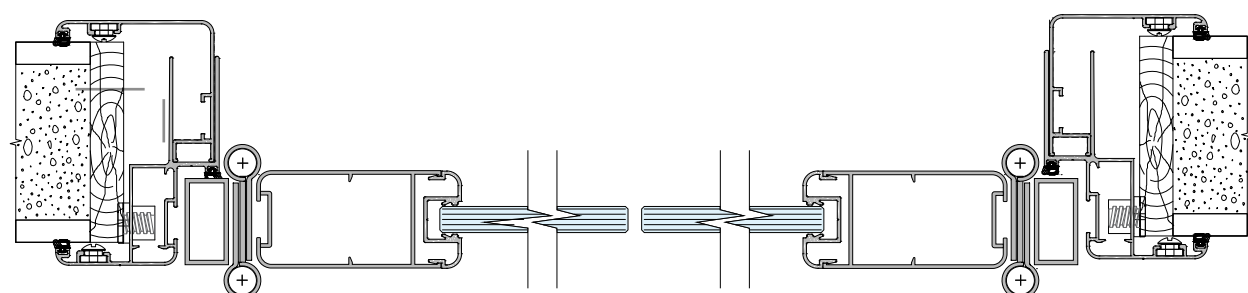
ACTING DOORS



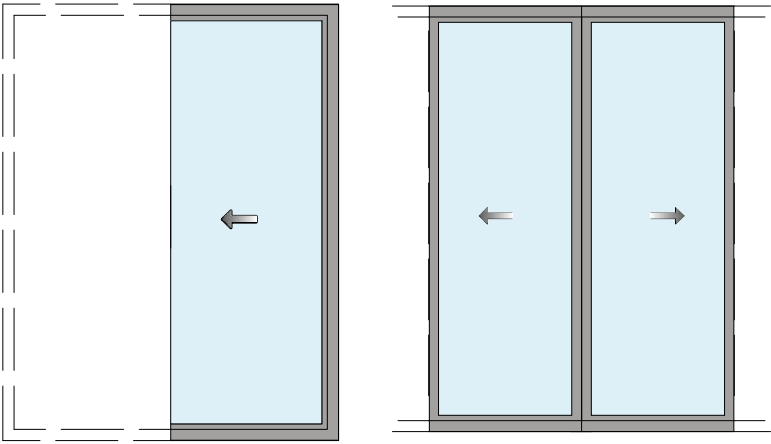
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	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm

2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm

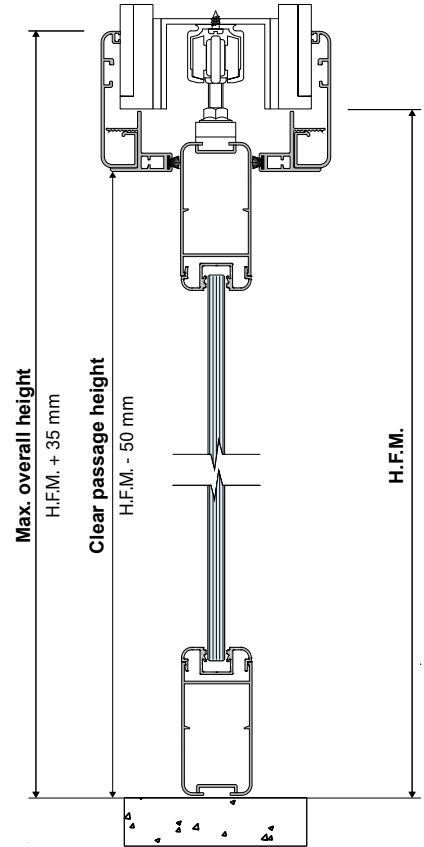
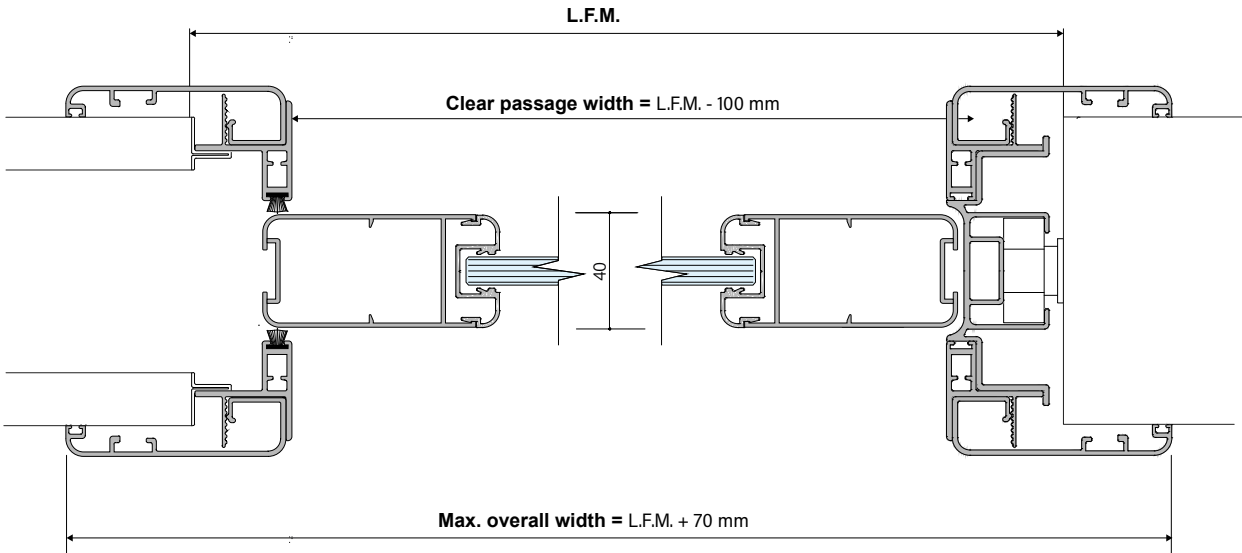
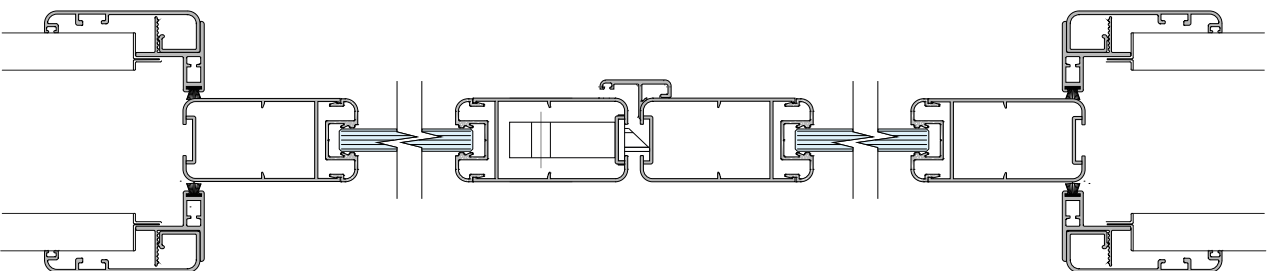
Max. overall height	H.F.M. + 35 mm
Clear passage height	H.F.M. - 50 mm
Max. overall width	L.F.M. + 70 mm
Clear passage width	L.F.M. - 100 mm



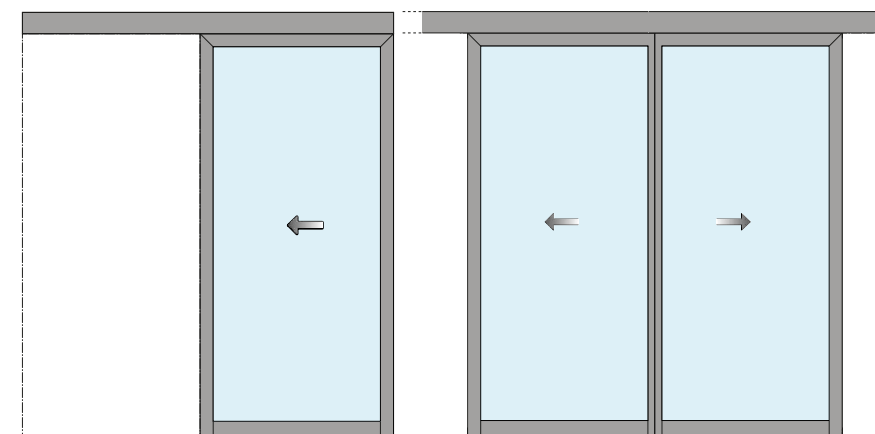
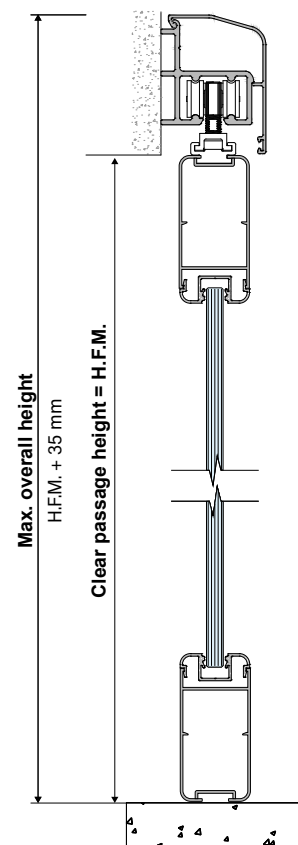
POCKET SLIDING DOORS



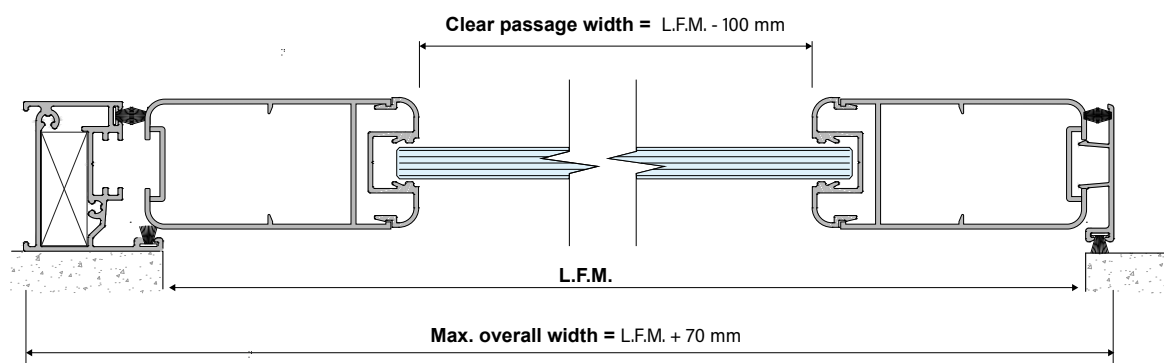
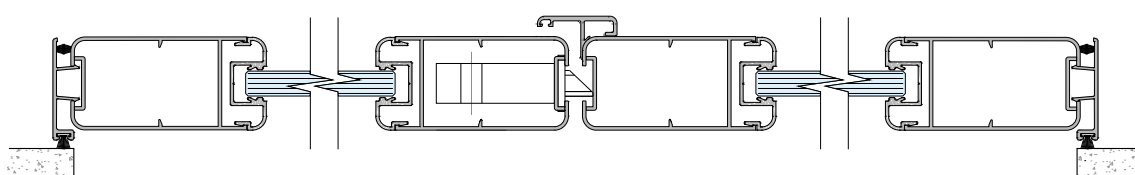
1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm



SURFACE-MOUNTED SLIDING DOORS



1 LEAF	Min. width (L.F.M.)	600 mm
	Max. width (L.F.M.)	1300 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
2 LEAF	Min. width (L.F.M.)	1100 mm
	Max. width (L.F.M.)	2200 mm
	Min. height (H.F.M.)	1700 mm
	Max. height (H.F.M.)	2400 mm
Max. overall height		H.F.M. + 35 mm
Clear passage height		H.F.M. - 50 mm
Max. overall width		L.F.M. + 70 mm
Clear passage width		L.F.M. - 100 mm

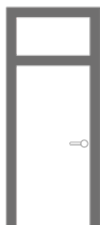


Technical Appendix

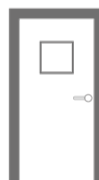
FOR ALUKER MULTIFUNCTION DOORS

Types

Windows



Transom window
in a "C" shape



Square window frame*
40×40 cm. Custom sizes
available upon request.



Visual*

Modifications to the door jamb.



Lifted door from the ground

Grab bars



Panic bar

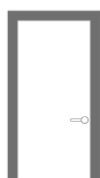


Panic bar on the main door
leaf and upper and lower latch
on the secondary door leaf.

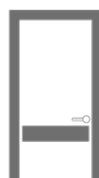


Fixed transverse
handlebar at 75 cm
height

Various



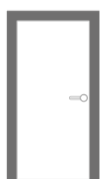
Handle at a height
of 95 cm



Aluminum plates
20 cm high.



Aluminum plates with
a height of 40/60 cm.



Handle at a
height of 105 cm

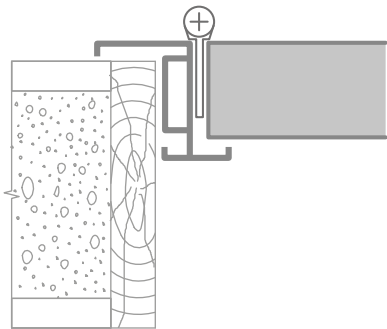


Ventilation grille made of
ABS or aluminum.

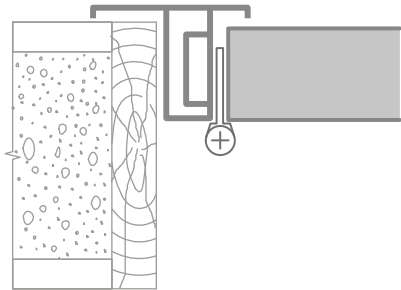


Close-door

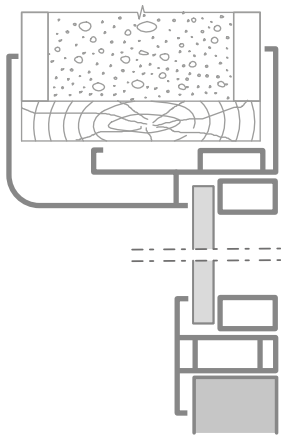
Base Frame
at wall corner



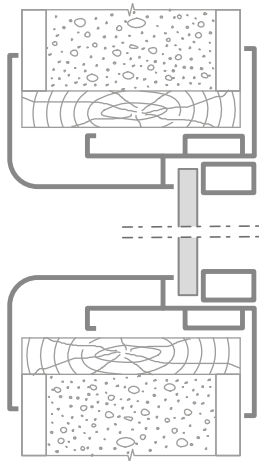
Square-edged
"T" frame



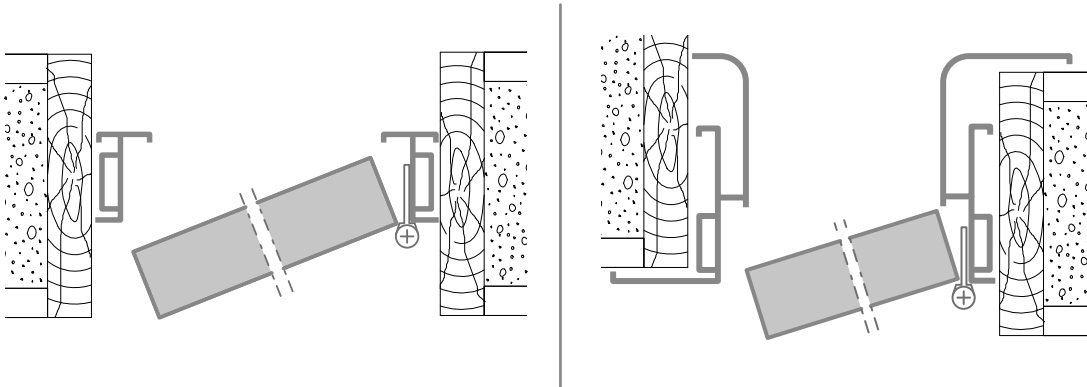
3+3 safety transom light

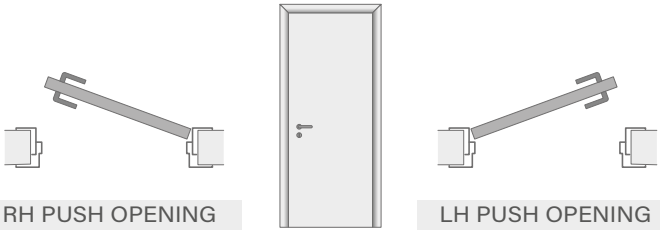
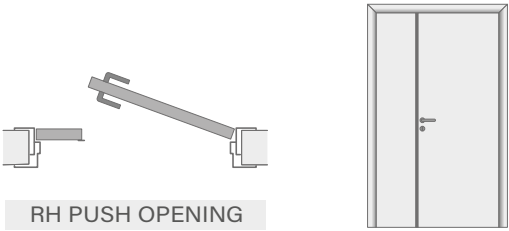


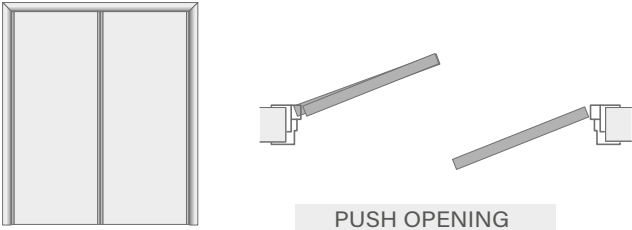
3+3 safety transom light

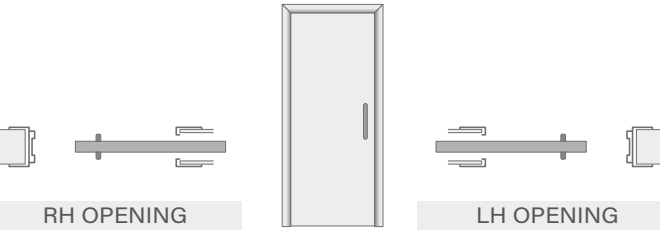
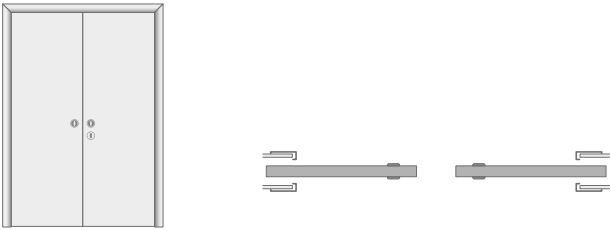


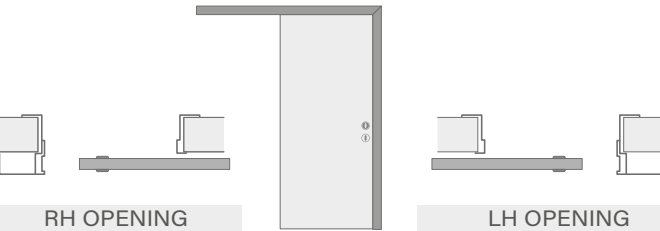
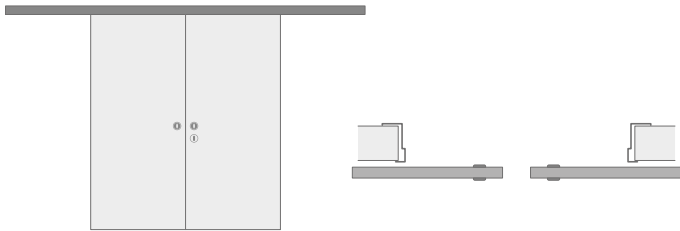
Cutting jambs to fit wall opening dimensions



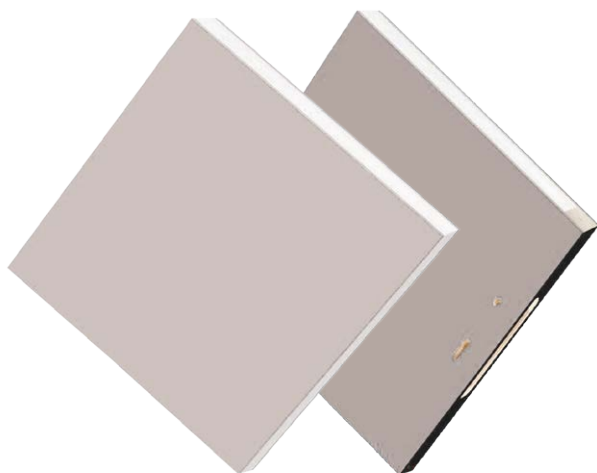
SINGLE LEAF HINGED OPENING	DOUBLE LEAF HINGED OPENING
 <p>Diagram illustrating single leaf hinged opening configurations. On the left, a hinge assembly is shown for 'RH PUSH OPENING'. In the center is a closed door. On the right, a hinge assembly is shown for 'LH PUSH OPENING'.</p>	 <p>Diagram illustrating double leaf hinged opening configuration. On the left, a hinge assembly is shown for 'RH PUSH OPENING'. On the right is a closed double door.</p>

DOUBLE LEAF DOUBLE ACTING OPENING
 <p>Diagram illustrating double leaf double acting opening configuration. On the left is a closed double door. On the right, two hinge assemblies are shown for 'PUSH OPENING'.</p>

SINGLE LEAF POCKET SLIDING OPENING	DOUBLE LEAF POCKET SLIDING OPENING
 <p>Diagram illustrating single leaf pocket sliding opening configurations. On the left, a roller assembly is shown for 'RH OPENING'. In the center is a closed door. On the right, a roller assembly is shown for 'LH OPENING'.</p>	 <p>Diagram illustrating double leaf pocket sliding opening configuration. On the left is a closed double door. On the right, two roller assemblies are shown.</p>

SINGLE LEAF EXTERNAL SLIDING OPENING	DOUBLE LEAF EXTERNAL SLIDING OPENING
 <p>Diagram illustrating single leaf external sliding opening configurations. On the left, a roller assembly is shown for 'RH OPENING'. In the center is a closed door. On the right, a roller assembly is shown for 'LH OPENING'.</p>	 <p>Diagram illustrating double leaf external sliding opening configuration. On the left is a closed double door. On the right, two roller assemblies are shown.</p>

PANELS



USAGE

Internal aluminum doors



FIRE BEHAVIOR

Not evaluated on the full panel



PANEL FEATURES

- Good sound insulation (27db)
- Good durability
- Wide range of available colors



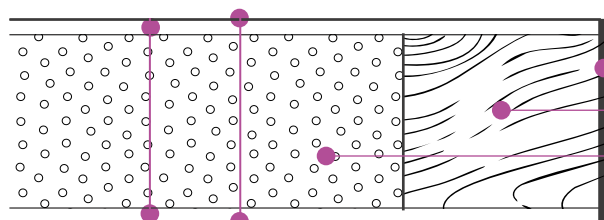
BEHAVIOR IN HUMIDITY

- Suitable for use in indoor and dry environments
- Sensitive to humidity

MINIMAL DOOR PANEL



STANDARD THICKNESS
40 mm



EDGE IN ABS

FIR PERIMETER

HONEYCOMB CARDBOARD

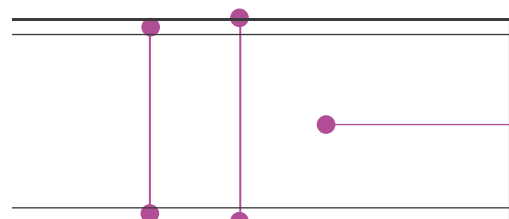
HPL LAMINATE

MDF SUPPORT

EVOLUTION DOOR PANEL



STANDARD THICKNESS
35 mm



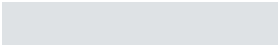
EXPANDED POLYSTYRENE (EPS)
HIGH DENSITY

HPL LAMINATE

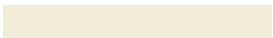
MDF SUPPORT

Accessories available upon request.

Panic bar Lever/Push	
Panic bar Lever/Push	
Fixed pull handle	
Fixed push bar	
Stainless Steel Handle	
Black Handle	
Oval cylinder	
Free/Occupied Device for WC	
Sliding door closer	
Ventilation grid	
Visual Square	
Battibarella	

Cod. Abet	RAL	
410	9010	
810	1013	
477	7001	
475	7035	
879	7016	
1819	7040	
478	7044	
859	5010	
838	5015	
851	5002	
499	5012	
856	5009	
460	6024	
450	6005	
845	6032	
861	2003	
835	2009	
860	1023	
414	1015	
431	3020	
435	3003	

PAINTING DOOR/FRAME

Color	RAL	
PURE WHIT	9010	
PEARL WHITE	1013	
MOSS GREEN	6005	
CHOCOLATE BROWN	8017	
LIGHT IVORY BEIGE	1015	
GRAYISH RUBY	1019	
RED WINE	3003	
RED GENTIAN	3005	
BLUE PASTEL	5010	
BLUE FIR	5024	
GREEN	6009	
PALE GREEN	6021	
MINT GREEN	6029	
SILVER GRAY	7001	
BEIGE GRAY	7006	
ANTHRACITE GRAY	7016	
LIGHT GRAY	7035	
QUARTZ GRAY	7039	
WINDOW	7040	
MUD BROWN	8003	
BEIGE BROWN	8014	
GRAYISH WHITE	8019	
GRAYISH	9002	
INTENSE BLACK	9005	

GLASSFIRE

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