



ALUFOLD

METALS & GLASS TRADING L.L.C

MEGAFOLD

THERMAL BREAK
FOLDING DOOR SYSTEM



ABOUT US

ALUFOLD Metals and Glass Trading L.L.C is a leading provider of high-quality and innovative aluminium folding door systems for both residential and commercial customers. With years of experience in the industry, your company has built a reputation for excellence in providing functional and aesthetically pleasing folding doors that meet the unique needs and preferences of your customers.

ALUFOLD FOLDING DOORS SYSTEM is designed to enhance the functionality and beauty of any building, providing a seamless transition between indoor and outdoor spaces while maximizing natural light and ventilation. Available in a range of sizes, configurations, and finishes, your folding door systems can be customized to suit any architectural style and building type, from modern homes to commercial buildings.



In addition to your outstanding products, your company is also committed to delivering exceptional customer service, providing expert advice and support to your customers throughout the entire buying and installation process. Your team of experts is dedicated to ensuring that your customers are satisfied with their folding door solutions, from the initial consultation to the final installation.

Overall, ALUFOLD is dedicated to providing the highest quality folding door solutions, excellent customer service, and environmental sustainability, all while ensuring the complete satisfaction of your customers.

Vision

To create a culture of excellence, innovation, and teamwork within our company, and to attract and retain the best talent in the industry.

Mission

To provide high-quality and innovative aluminium systems that meet the needs and exceed the expectations of our customers.

PRODUCT DESCRIPTION

MEGAFOLD folding door system, a heavy-duty aluminum folding door system with a thermal break strip designed to meet your specifications for large openings up to 4 meters in height and 1 meter in width per sash. **MEGAFOLD** folding door system, a heavy-duty aluminum folding door system with a thermal break strip designed to meet your specifications for large openings up to 4 meters in height and 1 meter in width per sash.

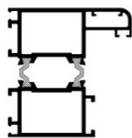


MEGAFOLD is constructed with high-quality materials and components, including heavy-duty hinges, tracks, and locking mechanisms, to ensure smooth operation and reliable performance. All profiles feature a polyamide thermal break which enhances the thermal performance of the profile and improves the overall U Value.

Security is assured by multi-point lock mechanisms on main opening sashes and shoot bolt locking on floating mullions.

SPECIFICATION & TECHNICAL PARAMETERS

THERMAL BREAK ALUMINIUM PROFILES

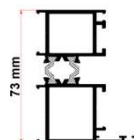


Improved Energy Efficiency:

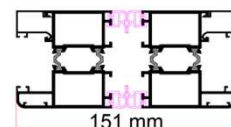
By reducing heat transfer, buildings with aluminum thermal break systems can better regulate indoor

temperatures, leading to lower energy consumption for heating and cooling.

SYSTEM DEPTH



SYSTEM SIGHTLIGN



SECURITY LOCK APPLICABLE



The multipoint locking system for doors offers several benefits, particularly in terms of security, convenience, and energy efficiency.

GLASS THICKNESS



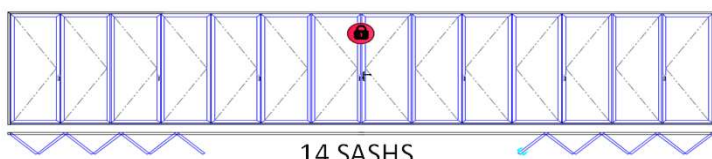
24 to 28mm

MAX. WEIGHT

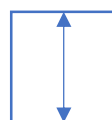


250 KG

MAX. NUMBER OF SASH/DOOR

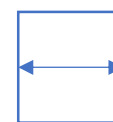


MAX. HEIGHT



4000 mm

MAX. WIDTH

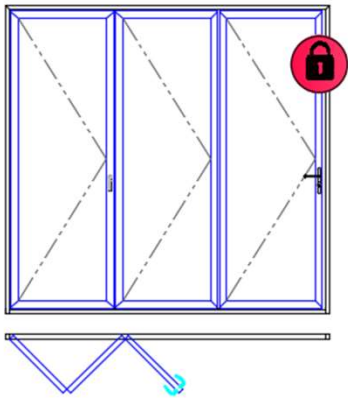


1000 mm

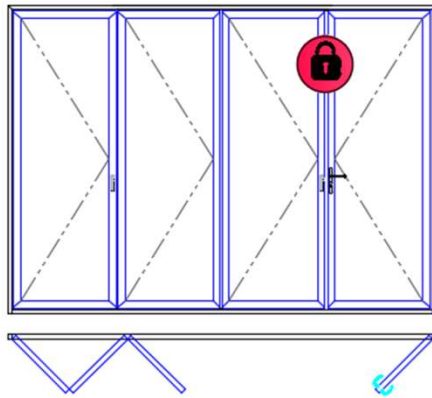
OPENING TYPES

There are various configurations, and you can choose whether your doors fold left or right, or some left and some right.

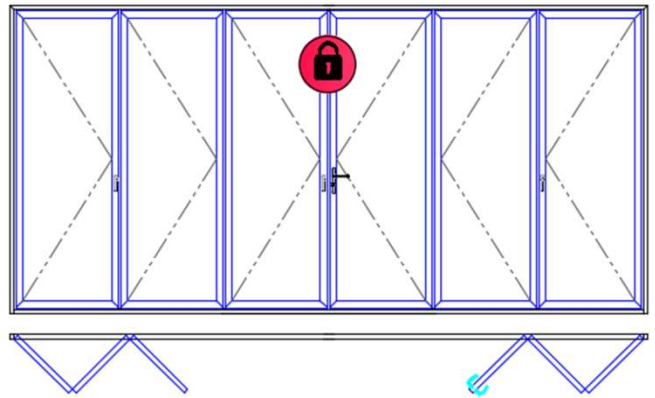
Bi-fold doors can be configured to open either inwards or outwards, depending on your preference.



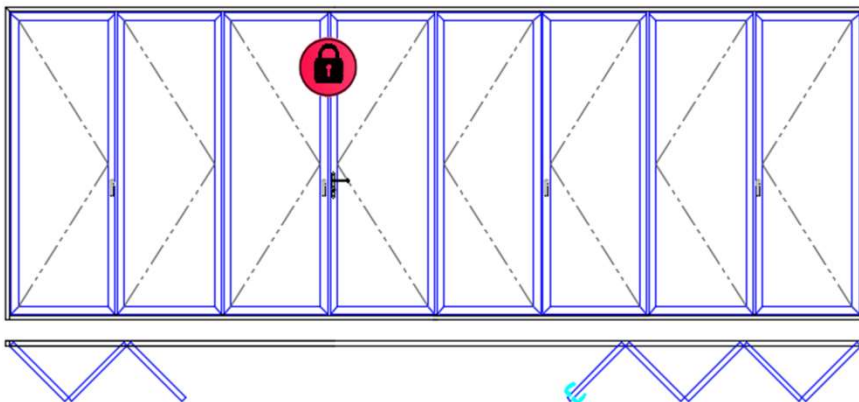
3 SASHS FOLDING DOOR



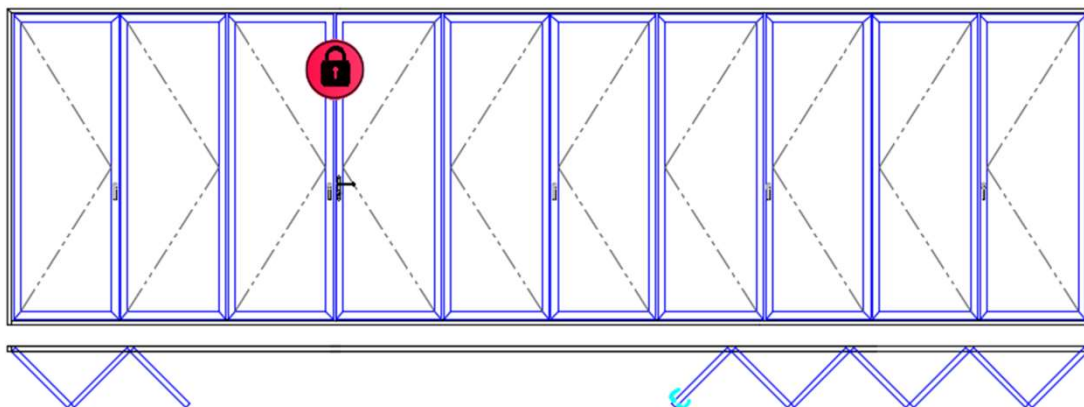
3+1 SASHS FOLDING DOOR



3+3 SASHS FOLDING DOOR



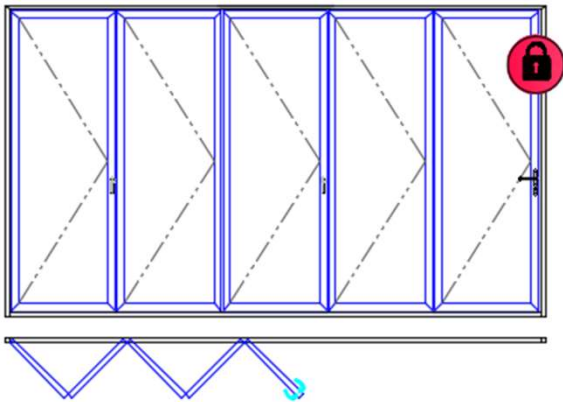
3+5 SASHS FOLDING DOOR



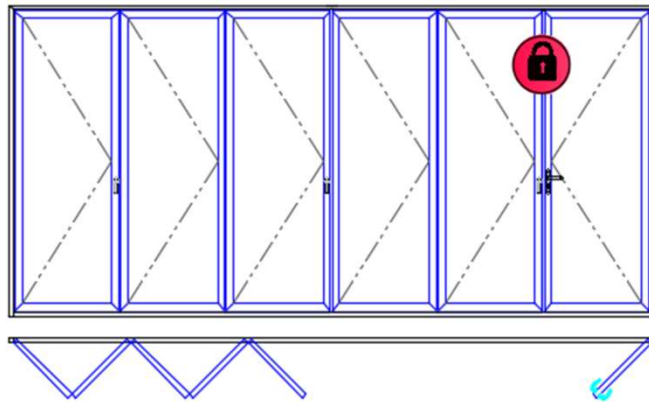
3+7 SASHS FOLDING DOOR

**Do not hesitate
to ask about
other Doors
Configurations**

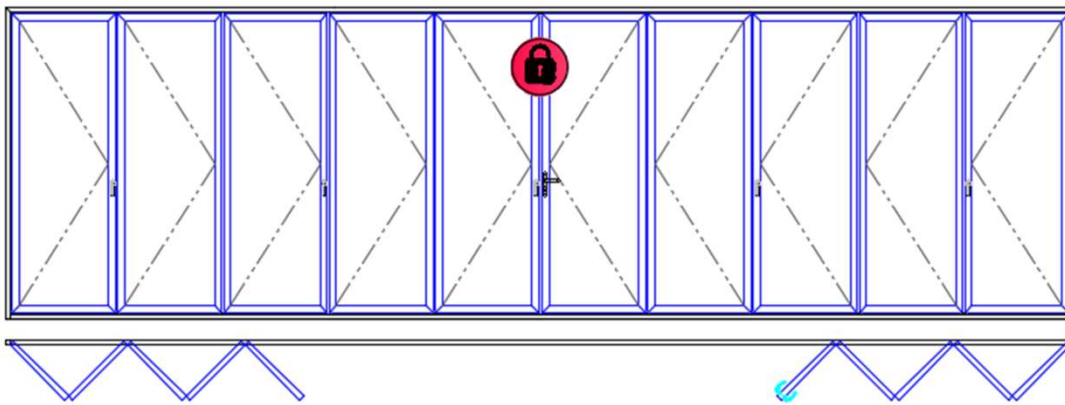
OPENING TYPES



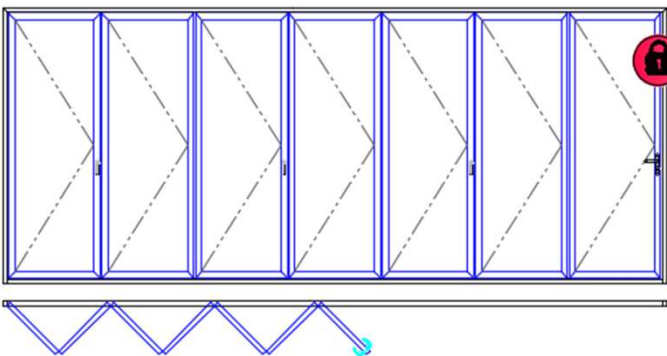
5 SASHES FOLDING DOOR



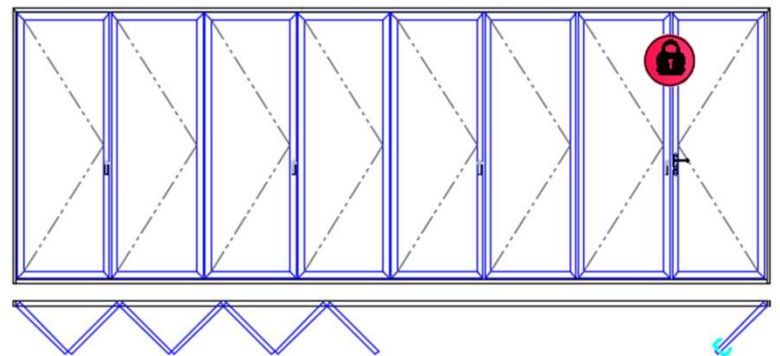
5+1 SASHES FOLDING DOOR



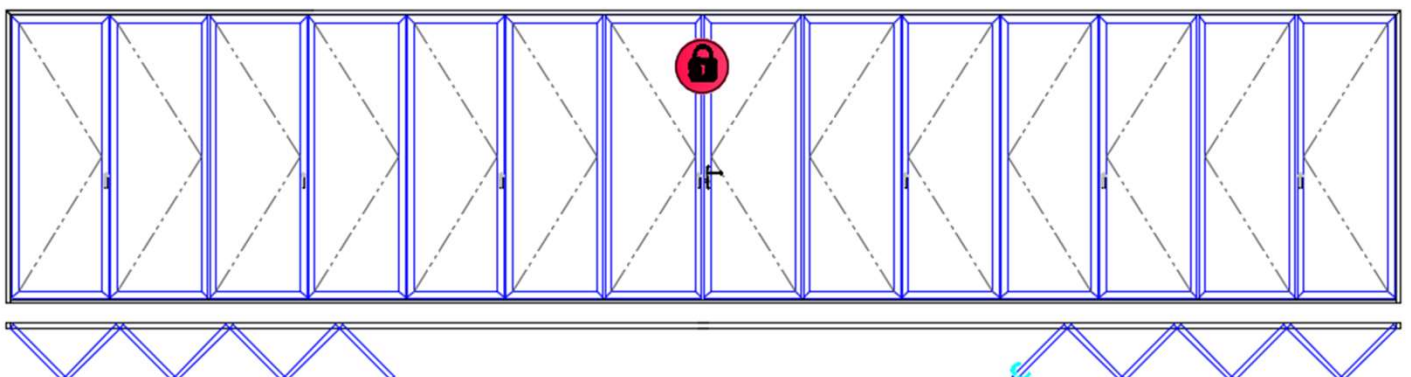
5+5 SASHES FOLDING DOOR



7 SASHES FOLDING DOOR

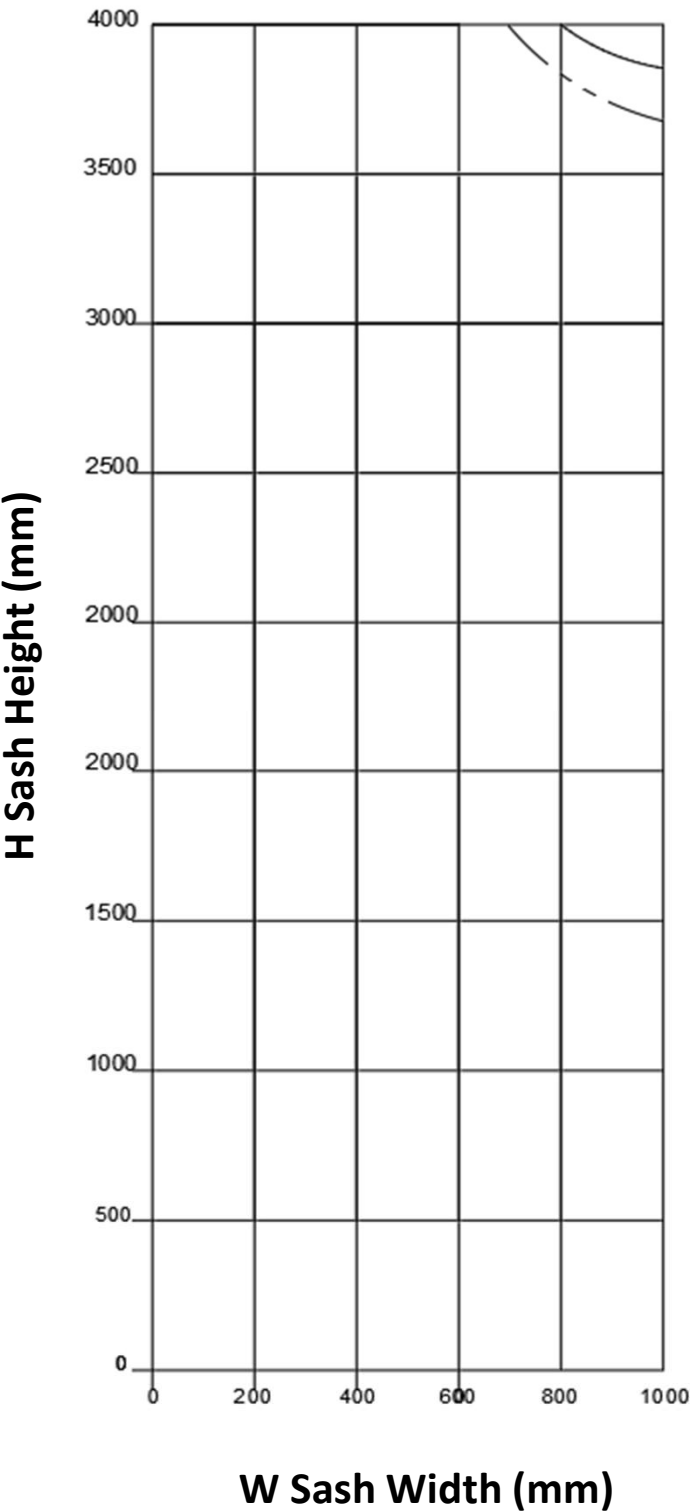


7+1 SASHES FOLDING DOOR



7+7 SASHES FOLDING DOOR

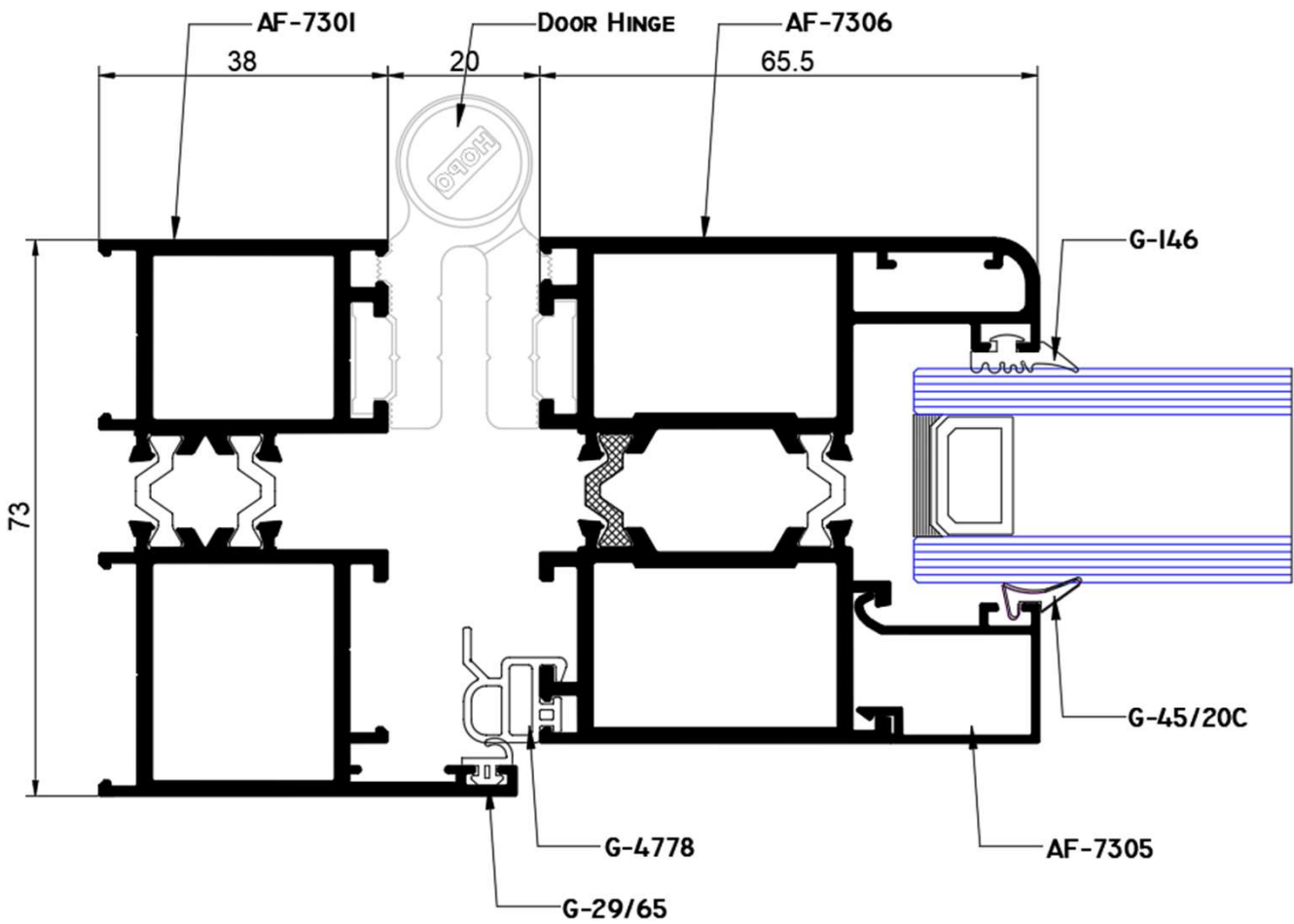
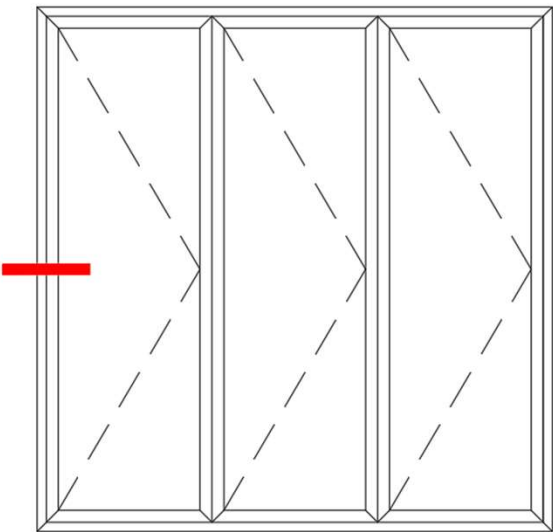
STATIC DIAGRAM

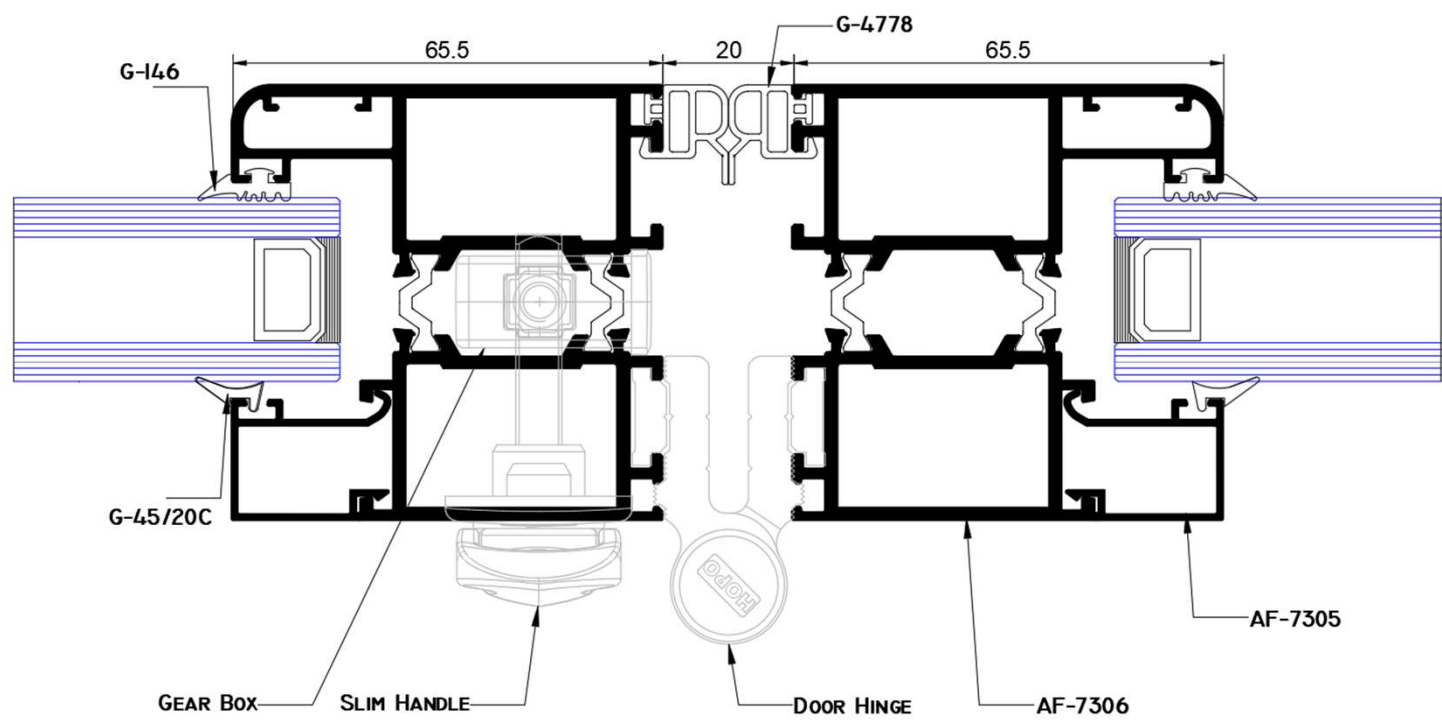
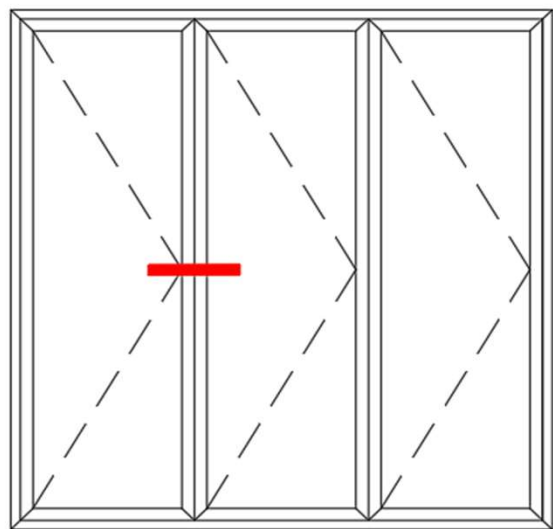


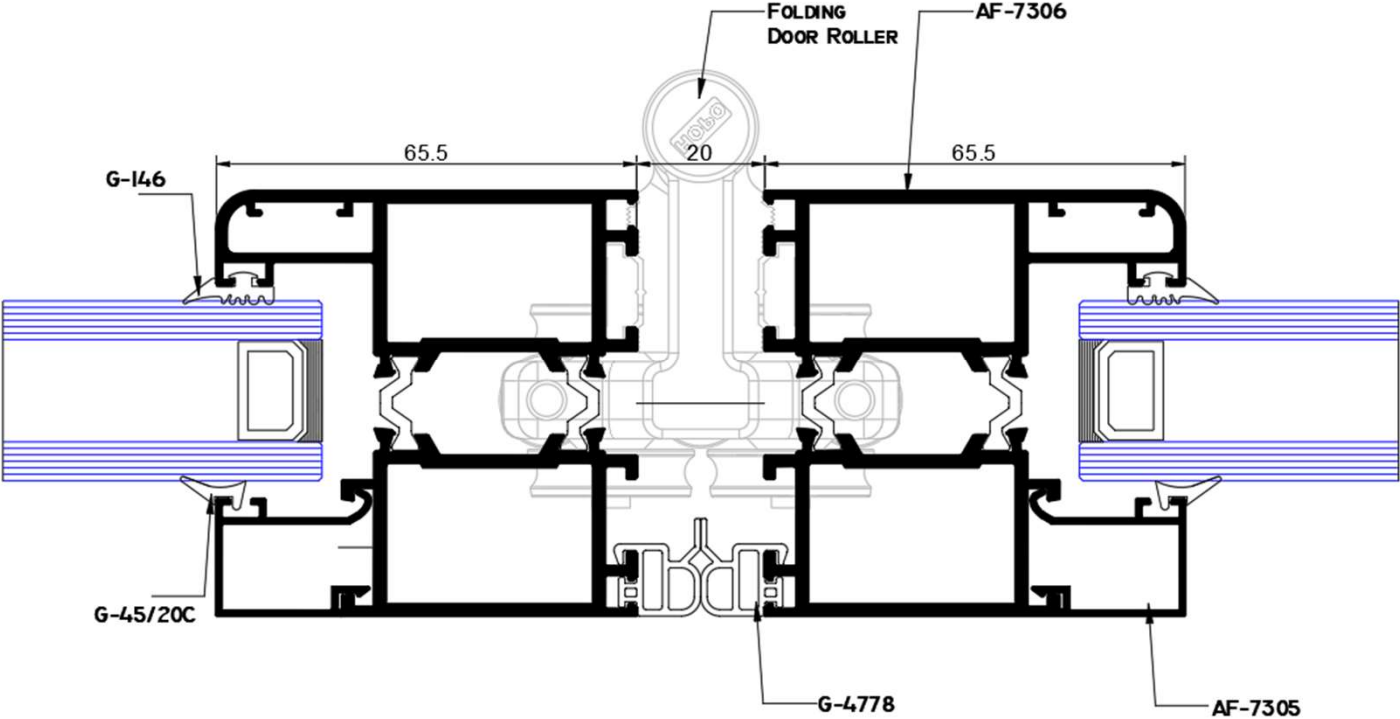
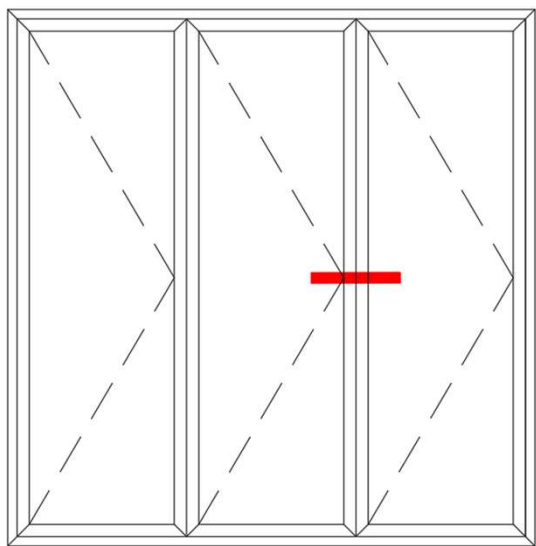
————— 35 kg/m²
- - - - - 40 kg/m²

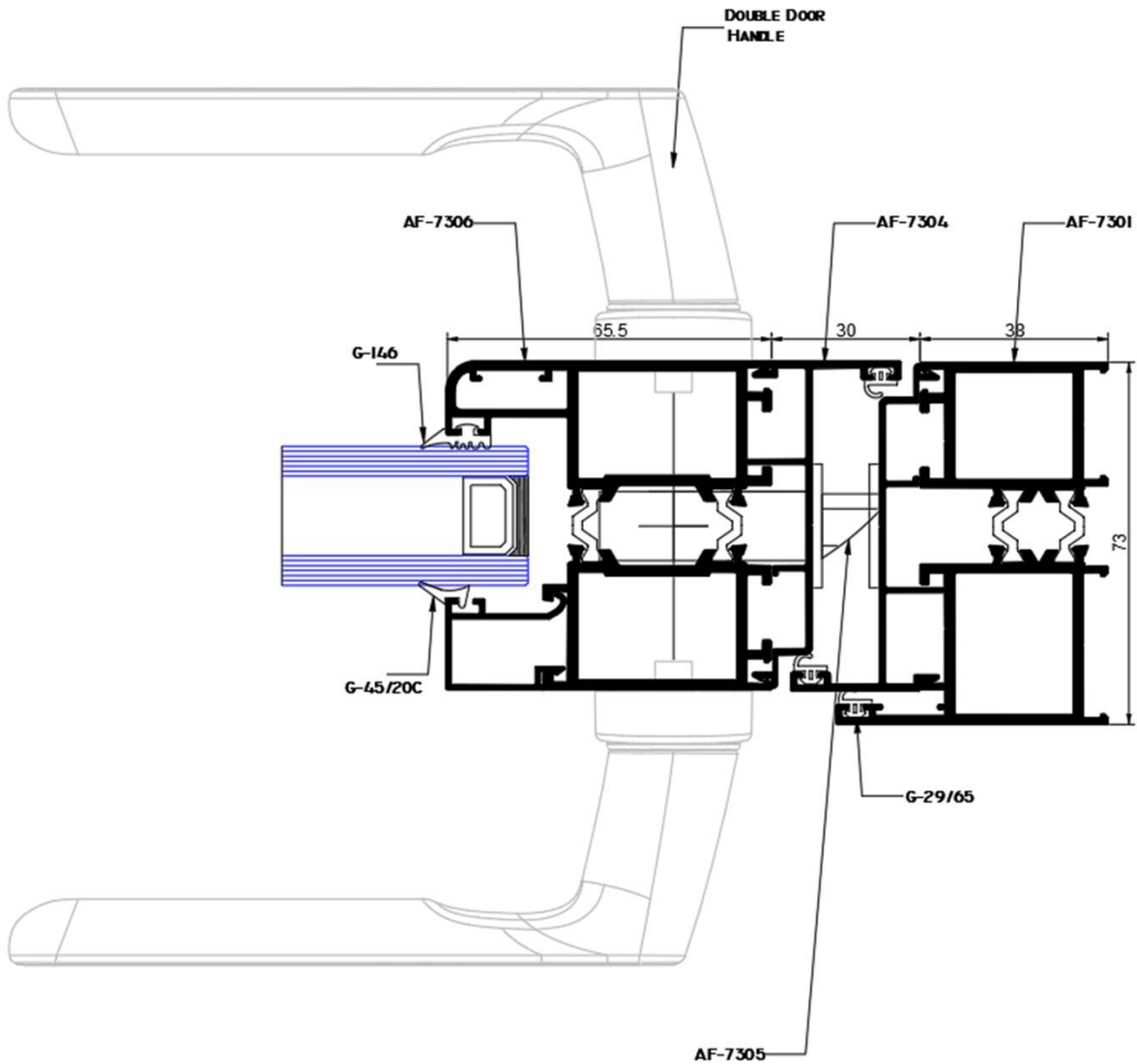
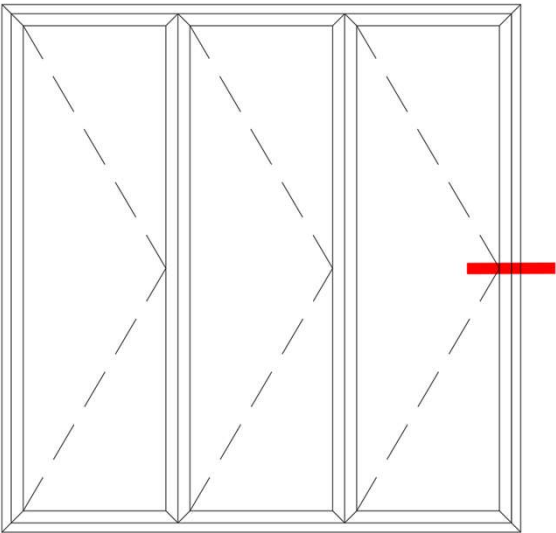
H = Maximum Sash Height is 4000mm
W = Maximum Sash Width is 1000mm

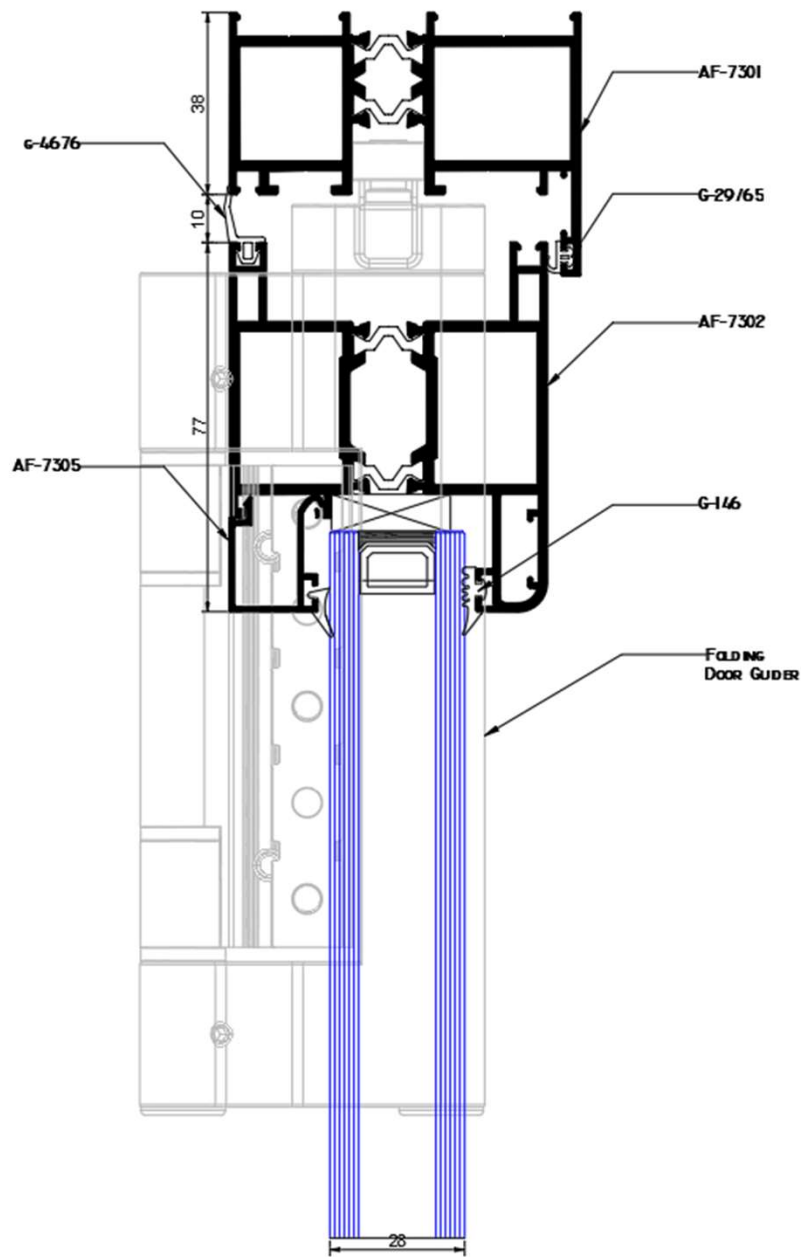
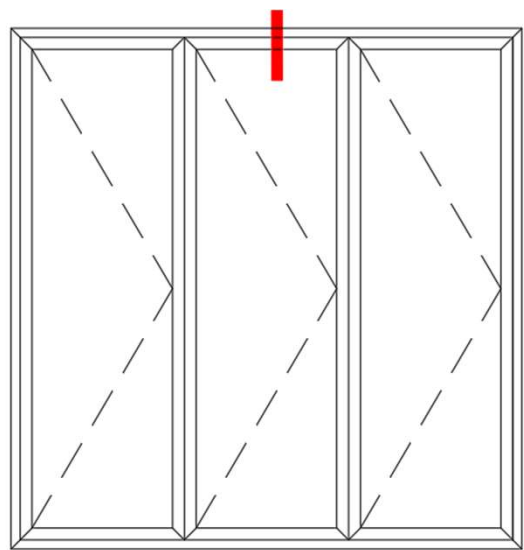


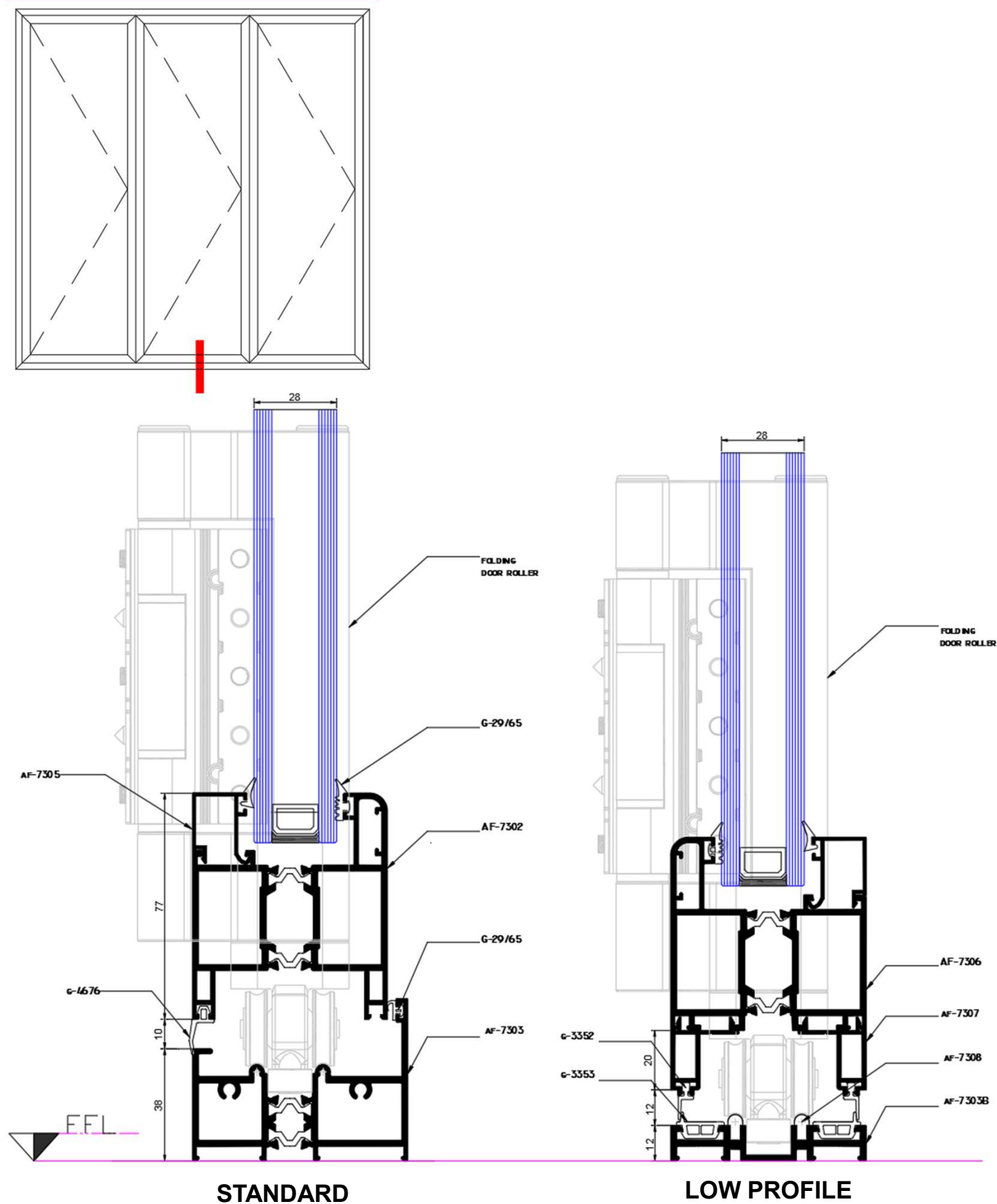




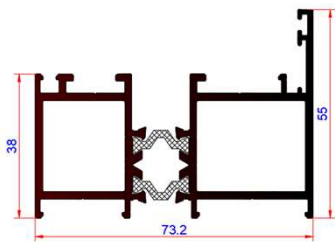




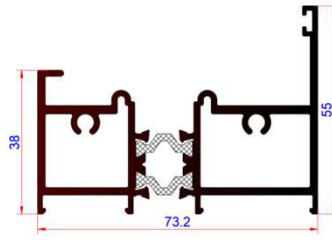




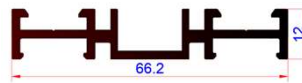
STATIC DIAGRAM MINIMUM PROFILES



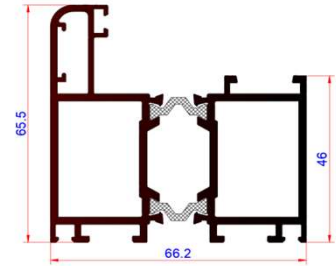
PROFILE # : **AF-7301**
DESCRIPTION : **Frame**
WEIGHT : **1.75 KG/M**



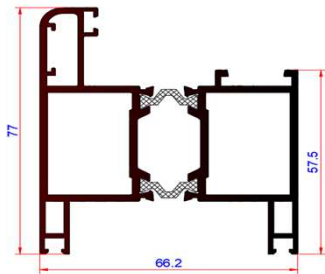
PROFILE # : **AF-7303**
DESCRIPTION : **Bottom Frame**
WEIGHT : **1.763 KG/M**



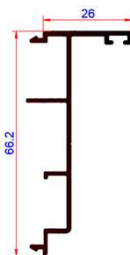
PROFILE # : **AF-7303B**
DESCRIPTION : **LOW Bottom Frame**
WEIGHT : **1.12 KG/M**



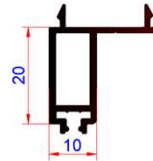
PROFILE # : **AF-7306**
DESCRIPTION : **Vertical Sash Profile**
WEIGHT : **2.057 KG/M**



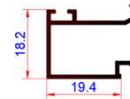
PROFILE # : **AF-7302**
DESCRIPTION : **Horizontal Sash**
WEIGHT : **2.167 KG/M**



PROFILE # : **AF-7304**
DESCRIPTION : **Sash Adapter**
WEIGHT : **0.435 KG/M**



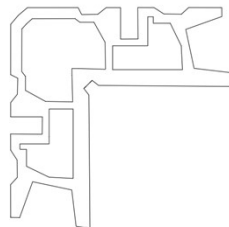
PROFILE # : **AF-7307**
DESCRIPTION : **Sash Adapter**
WEIGHT : **0.738 KG/M**



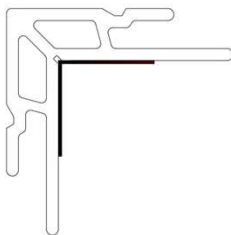
PROFILE # : **AF-7305**
DESCRIPTION : **Glazing Bead**
WEIGHT : **0.213 KG/M**



PROFILE # : **AF-7308**
DESCRIPTION : **Horizontal Sash**
WEIGHT : **0.09 KG/M**



PROFILE # : **AF-7314**
DESCRIPTION : **Sash Corner Cleat**
WEIGHT : **4.67 KG/M**



PROFILE # : **AF-7315**
DESCRIPTION : **Frame Corner Cleat**
WEIGHT : **4.3 KG/M**



HARDWARE



H7301 Hinge :
Hinge and plates in extruded aluminium, stainless steel pin, screws and setscrews; nylon bushing and washers.



H7302
Slim Handle:
Alloy Aluminium Slim Handle



H7303
Pull Hinge :
Hinge and plates in extruded aluminium, stainless steel pin, screws and setscrews; nylon bushing and washers With Pull handle integrated for external opening.



H7304
Transmission Box:
Transmission Box
Material: Zinc Alloy



H7305
Double Handle :
Double Handle Set
Material: Aluminium Alloy.



H7306
WHEEL SET:
Extruded aluminium wings and body hinge; Nylon Bush; stainless steel rollers, screws and pin; Zamak fix WHEELSET



H7311 Multipoint Lock :
Multipoint Lock with Stainless Steel Grade 304 front plate.
Length: 2170mm



H7312
90MM cylinder



H73013
Drain Cap



H7314
35MM LOCK



H7307
Sash Stopper



H7308
Shoot Bolt



H7309
6mm Thread rod



H7310
Nut Connector

EPDM GASKET



G-4677A :
Vertical sash
Gasket



G-4676 :
Horizontal sash
Gasket



G-3353
Bottom Frame
Gasket



G-3352
Adapter
Gasket



09029/65A :
Frame
Gasket



G-146 :
Outer Glazing
Gasket



G-45/20c :
Inner Glazing
Gasket(1mm)



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