



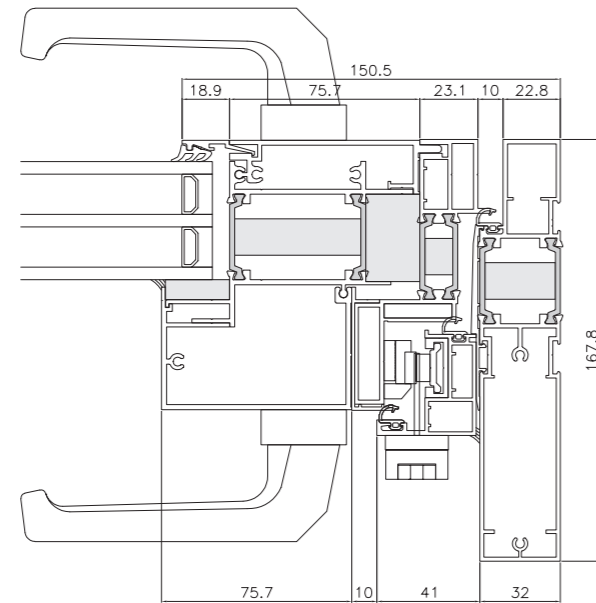
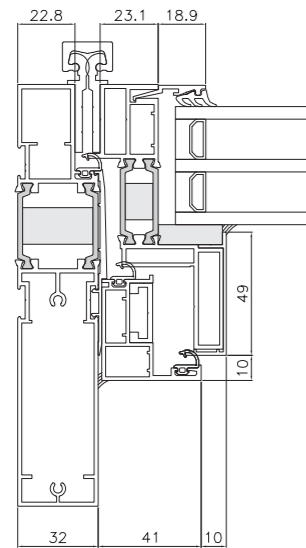
FLE DOOR

FLE DOOR have apparently distinctive slim frame face width compare to the general doors. FLE DOOR is designed to have extremely narrow frame face width except on the side where the locking hardware is installed. Typically, Filobe uses special door hinge system to avoid door tilting even with the heavy glasses.

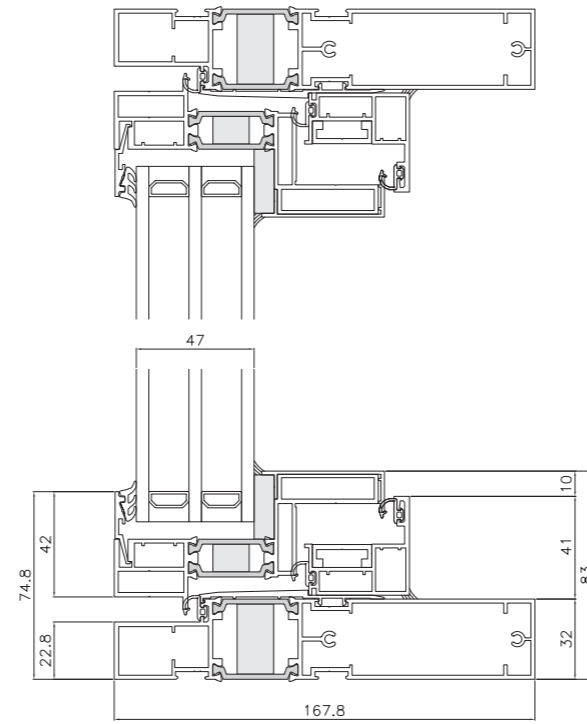
Generally, entrance doors have many defects to compensate, such as thermal insulation and air tightness performances. However, FLE DOOR overcame most of these requirements and even improved the performances. Also, to keep the pace with the world energy conservation trend, FLE DOOR will bring large energy saving effect in the future.

FLE DOOR는 잠금장치가 설치된 핸들 쪽 프레임의 폭을 제외한 나머지 세 변의 문짝 프레임이 대단히 슬림하며, 일반적인 시스템 도어와는 다르게 디자인적인 측면이 매우 뛰어난 도어입니다. 필로브만의 독특한 도어 힌지를 사용하여 상대적으로 커다란 사이즈의 도어 제작에 유리하며 설치 후에도 처짐이 없는 우수한 제품입니다.

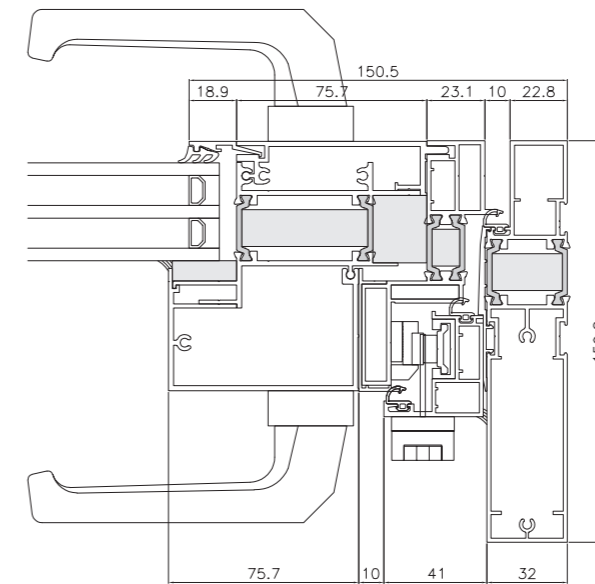
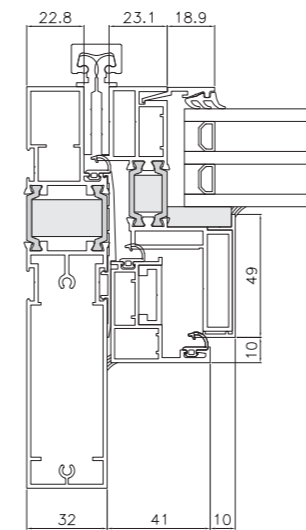
일반적으로 도어는 현관문의 개념으로 단열과 기밀성능이 부족하여 보완해야 할 부분들이 많았습니다. FLE DOOR는 이러한 단열과 기밀성능에 관한 필요사항들을 빠짐없이 보완하고 기존의 도어가 가진 한계들을 대부분 극복하여 높은 만족감을 제공합니다.



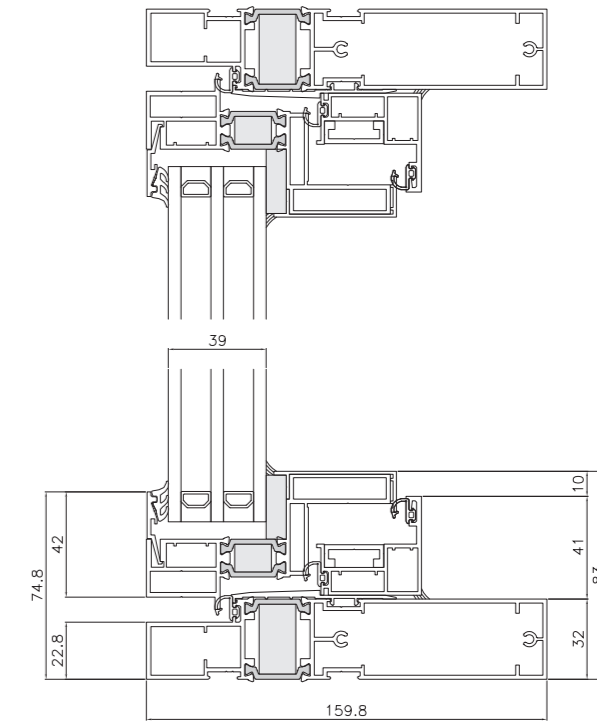
Horizontal section



Vertical section



Horizontal section



Vertical section

FLE DOOR Premium 47mm

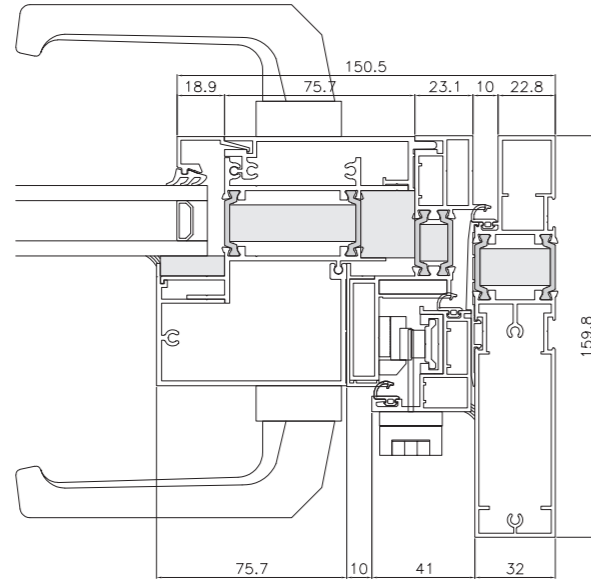
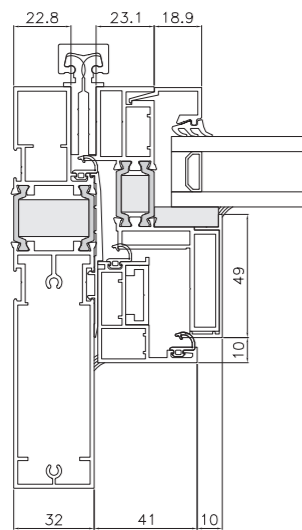
Product Name	FLE PJO DR Premium
Material	Aluminum
Basic depth	167.8 mm
Min face width	74.8 mm
Glass thickness	47 mm
Opening type	Outward-opening
Thermal transmittance	0.982 W/m ² K
Air tightness	0.10 m ³ /hm ²
Energy consumption efficiency	CLASS 1

제품명	FLE PJO DR Premium
프레임 재질	알루미늄
프레임 기본 폭	167.8 mm
최소 입면 폭	74.8 mm
유리 두께	47 mm
개폐 방식	외여닫이
열관류율	0.982 W/m ² K
기밀성	0.10 m ³ /hm ²
에너지 소비 효율 등급	1 등급

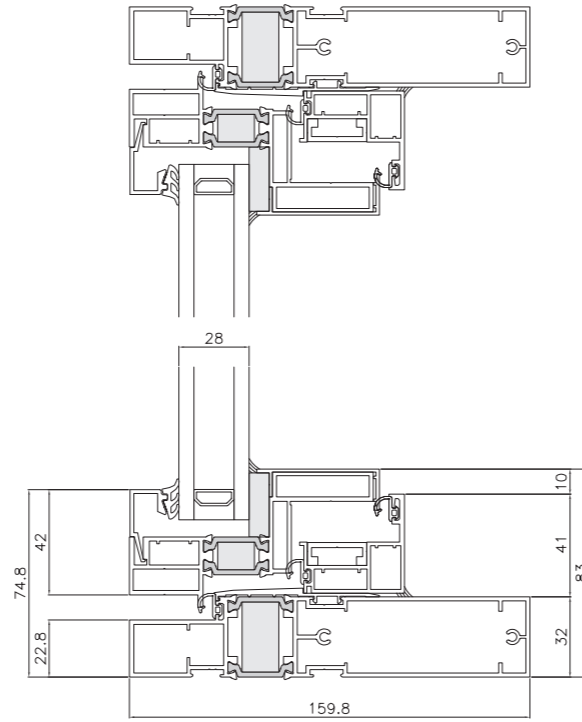
FLE DOOR Super 39mm

Product Name	FLE PJO DR Super
Material	Aluminum
Basic depth	159.8 mm
Min face width	74.8 mm
Glass thickness	39 mm
Opening type	Outward-opening
Thermal transmittance	1.411 W/m ² K
Air tightness	0.04 m ³ /hm ²
Energy consumption efficiency	CLASS 3

제품명	FLE PJO DR Super
프레임 재질	알루미늄
프레임 기본 폭	159.8 mm
최소 입면 폭	74.8 mm
유리 두께	39 mm
개폐 방식	외여닫이
열관류율	1.411 W/m ² K
기밀성	0.04 m ³ /hm ²
에너지 소비 효율 등급	3 등급



Horizontal section



Vertical section

FLE DOOR Super 28mm

Product Name	FLE PJO DR Super 28
Material	Aluminum
Basic depth	159.8 mm
Min face width	74.8 mm
Glass thickness	28 mm
Opening type	Outward-opening
Thermal transmittance	1.674 W/m ² K
Air tightness	0.00 m ³ /hm ²
Energy consumption efficiency	CLASS 3

제품명	FLE PJO DR Super 28
프레임 재질	알루미늄
프레임 기본 폭	159.8 mm
최소 입면 폭	74.8 mm
유리 두께	28 mm
개폐 방식	외여닫이
열관류율	1.674 W/m ² K
기밀성	0.00 m ³ /hm ²
에너지 소비 효율 등급	3 등급

Test Report : FLE DOOR



Thermal Transmittance

Product Name	FLE PJO DR Premium	FLE PJO DR Super	FLE PJO DR Super 28
Panel Size	2 m x 2 m	2 m x 2 m	2 m x 2 m
Material	Aluminum	Aluminum	Aluminum
Glass Thickness	47 mm	39 mm	28 mm
Glass Specification	5Le+16Ar+5Le+16Ar+5Cl	5Le+12A+5Cl+12A+5Le	6Le+16Ar+6Cl
Gas Filling	Argon	Air	Argon
Glass Spacer	Insulating spacer (TGI)	Aluminum spacer	Aluminum Spacer
Thermal transmittance (열관류율)	0.982 W/m ² K	1.411 W/m ² K	1.674 W/m ² K
Class (등급)	Class 1 (1 등급)	Class 3 (3 등급)	Class 3 (3 등급)
Test Criteria	KS F 2278:2014	KS F 2278:2014	KS F 2278:2014

Air Tightness

Product Name	FLE PJO DR Premium	FLE PJO DR Super	FLE PJO DR Super 28
Panel Size	1.5 m x 1.5 m	1.5 m x 1.5 m	1.5 m x 1.5 m
Material	Aluminum	Aluminum	Aluminum
Glass Thickness	47 mm	39 mm	28 mm
Quantity of Airflow (통기량)	0.10 m ³ /hm ²	0.04 m ³ /hm ²	0.00 m ³ /hm ²
Test Criteria	KS F 2292:2013	KS F 2292:2013	KS F 2292:2013
Note	* The test results will be continuously updated		