



아름다운 세상을 만드는 사람들
케이에스토스텝
GROUP KS. TOSTEM

ausvaitn
Mc Luxury 아우스바이트



Mc Luxury
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Ausweiten door, a folded door for expended space



Storage in one direction either to the left or to the right



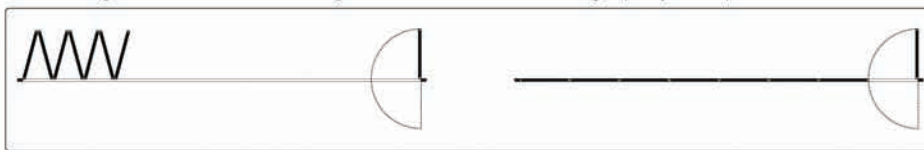
Door hinge to store either to the left or to the right



Door hinge in one direction at 90 degree either to the left or to the right



Door hinge in one direction at 180 degree either to the left or to the right (utility model)



Store in both directions either to the left or to the right from center or a point of the opening



Store in both directions either to the left or to the right and have door hinge either at center of the opening or at specific point



Store at the place that you want after opening 1 set of 2 doors



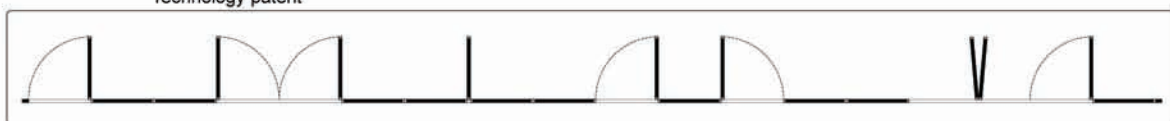
Store at the place that you want after opening door hinge with even number of door (technology patent)



Store at the place that you want by using 90 degree door hinge and folded door, when necessary



Technology patent



[4-pair door and door hinge] [4-pair door and protruded partition] [Sliding partition] [Fixed window and door hinge] [Free type partition]

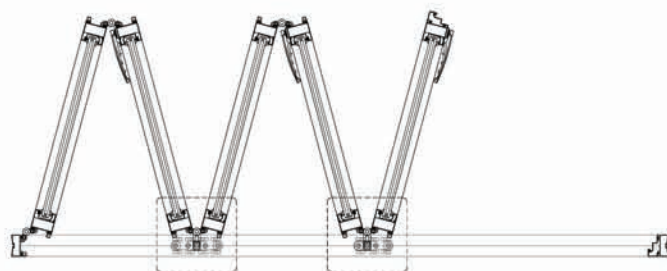
Your Ausvairn door

can open and expand space by using folded system.

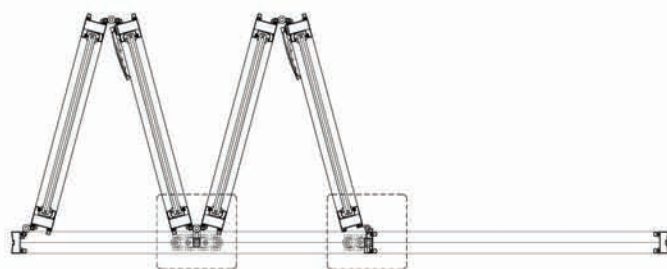
Your Ausvairn door is produced by order

to open and/or expand space by folding, sliding and door hinge and to put a designer's thought into practice and to be optimum system.
pace expansion of Ausvairn has technology patent.

Scope of application of hardware depending upon load (Fig - 1)



[with hardware -1] [with hardware -2]



[with hardware -1] [with hardware -3]

Load of Ausvairn hardware

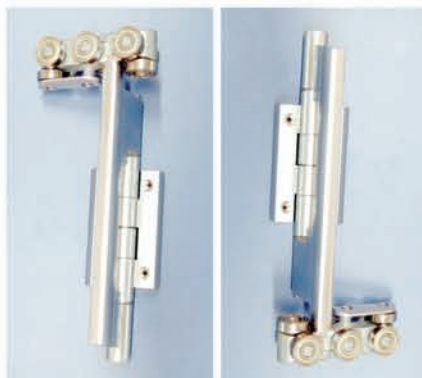
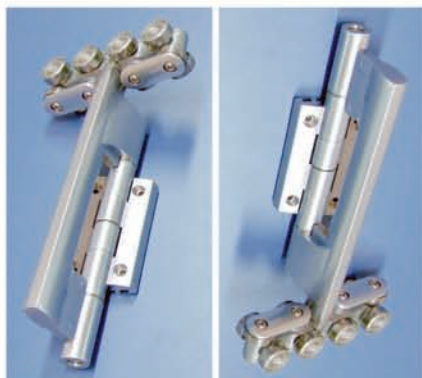
Ausvairn hardware with folded door for opening as well as space expansion has three kinds of loads (see Fig-1):

1. With hardware (Fig -1) -1
Load of balance, deflection and inclination of both doors
2. [With hardware (Fig -1) -2
Flexible load on irregularity and unbalance of the weight depending upon deflection and inclination of both doors and odd number door
3. [With hardware (Fig -1) -3
Balance, deflection and inclination of both doors, and stability of the slide of last door

The hardware (runner) that is a rolling system shall have functions and shapes depending upon load.

Ausvairn with folding door has hardware (runner) of rolling system that rolls and prevents doors and windows from being deformed, and that shall be suitable to hardware load.

Top and bottom hardware (runner) of (with hardware -1) Top and bottom hardware (runner) of (with hardware -2) Top and bottom hardware (runner) of (with hardware -3)



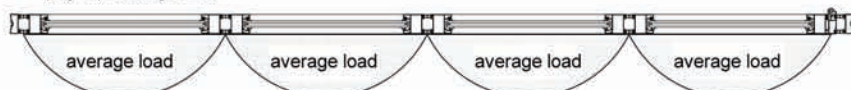
□ - Introduction of the technology of both loads at top and bottom of Ausvairn

A folding door applies force to top rail as well as bottom rail depending upon opening and closing.

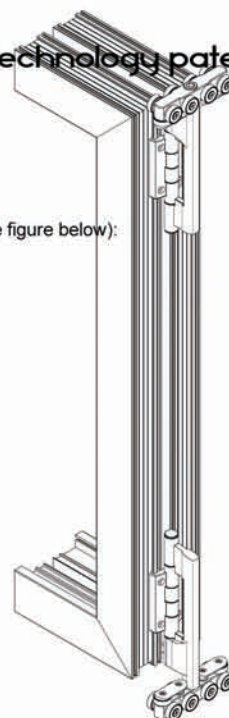
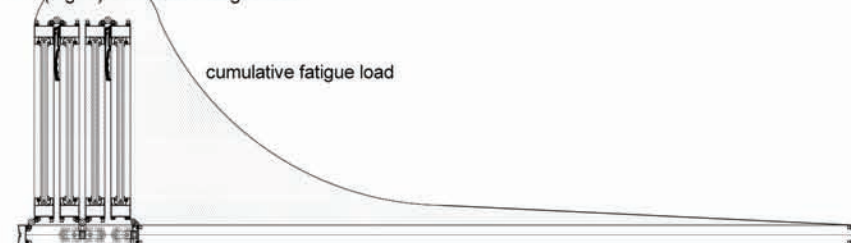
A folding door may produce problems when neglecting force (load) at each area depending upon opening and closing.

Load of folding door depending upon opening and/or closing can be divided into two: average load and cumulative fatigue load (see figure below):

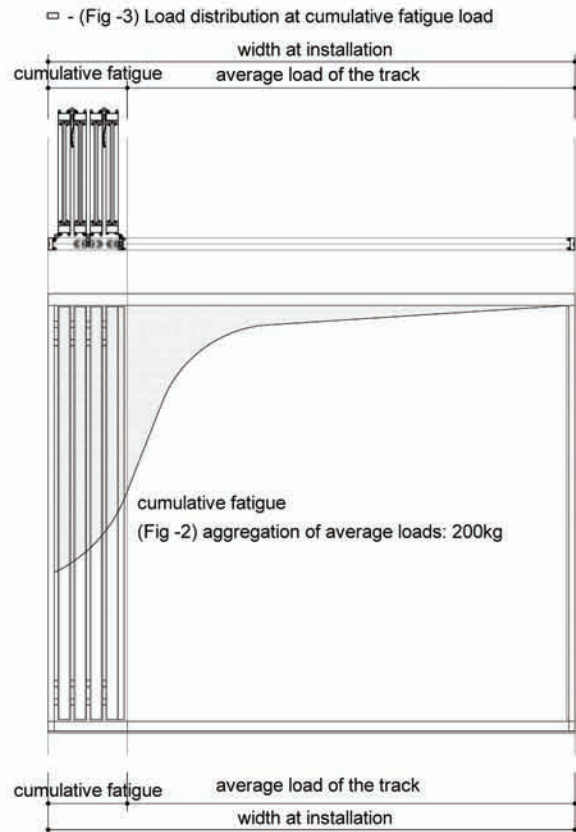
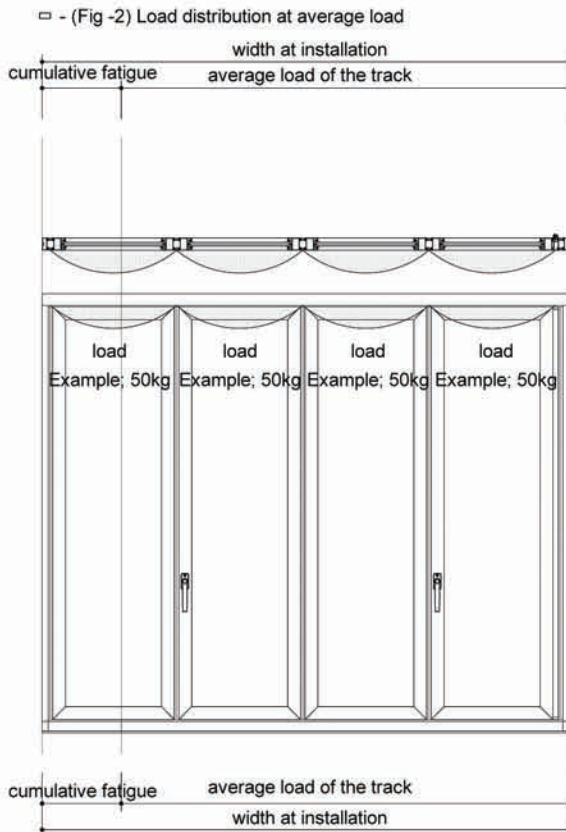
□ - (Fig -2) Average load



□ - (Fig -3) Cumulative fatigue load



ausvairn hardware technology for both loads at top and bottom (technology patent)



□ - Load of hardware technology for load at top and bottom

The average load (Fig -2) that has closed doors has divided all of the loads of doors by average of total loads.

The cumulative load (Fig -3) that has opened doors has aggregated all of the loads either to the left or to the right at storage of doors.

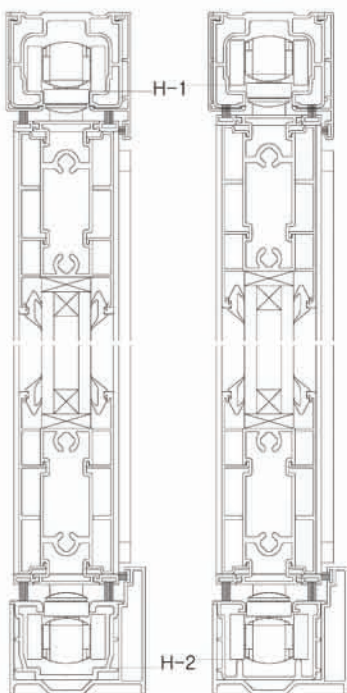
□ - Effect of both [average load] and [cumulative fatigue load] upon folding door

The loads of doors and/or windows of cumulative fatigue area increase at storing and decrease at closing of doors and windows.

The fluctuation of loads shall destroy anchor and/or bolts of top track (top rail) of both building and folding door to produce deflection of doors and/or windows.

[Fig -4]

[Fig -5]



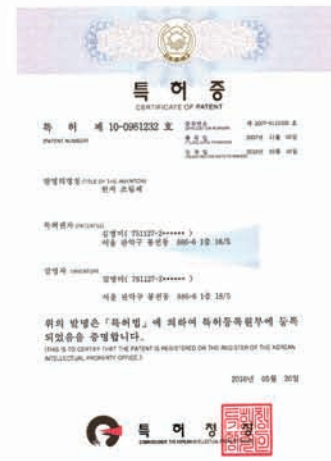
bottom rail
at average load

bottom rail
at cumulative fatigue load

□ - Hardware for load at top and bottom

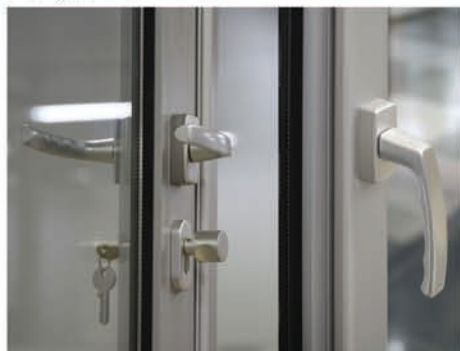
- 1) Put rolling system (either runner or hardware) at both top and bottom of folding door.
- 2) Put bottom rail for conversion into bottom rolling system not to give aggregated load to top rail (Fig -5).
- 3) Put bottom rail for conversion into top rolling system to have flexible, soft and stable closing and/or opening of doors and/or windows (Fig -4).

□ - The hardware technology for load of both top and bottom that may vary depending upon hardware as well as load of top rail and bottom rail can extend life of doors and/or windows more than 3 times to be required to assure of system stability in the use.





Ultra-light standard handle



Ultra-light hardware for top load and bottom load(bottom) Ultra-light hardware for load of top load and bottom load (top)



□ - Feature of The product

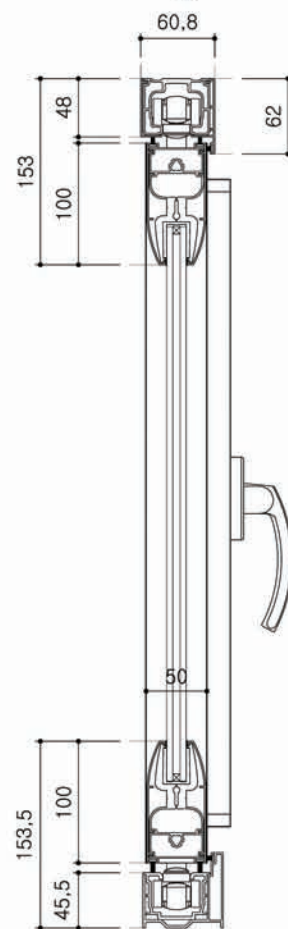
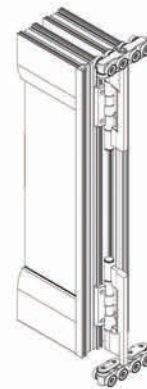
The door and/or window has unique system to bear load at bottom and top, and vertical bar has improved function by closure, screening, water-proof and burglar-proof.

□ - Designs

Not only slim vertical bar but also spacious top and bottom bar has optimum ratio to look beautiful and to produce softness and uniqueness of doors and/or windows by top and bottom curves.

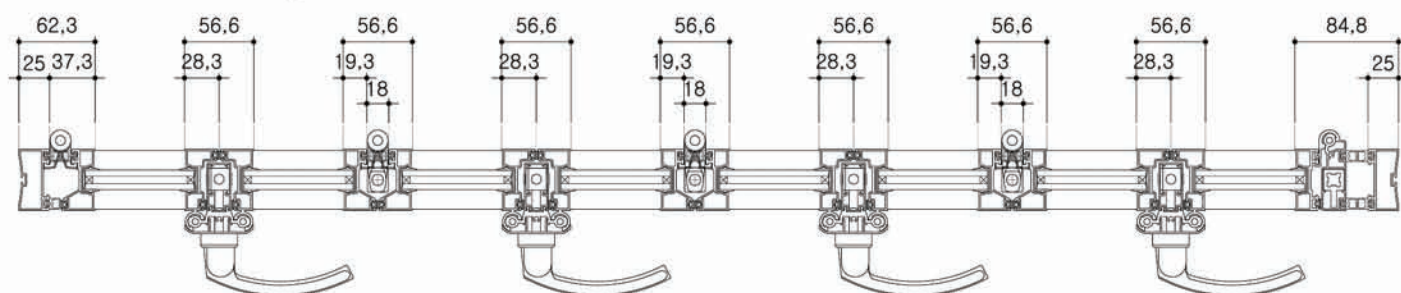
□ - Systems

The hardware for top load and bottom load can endure deformation and deflection of doors and/or windows to have folding door enough to expand space.



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ausvairn ultra-light use _ conswin horizontal section



Specifications

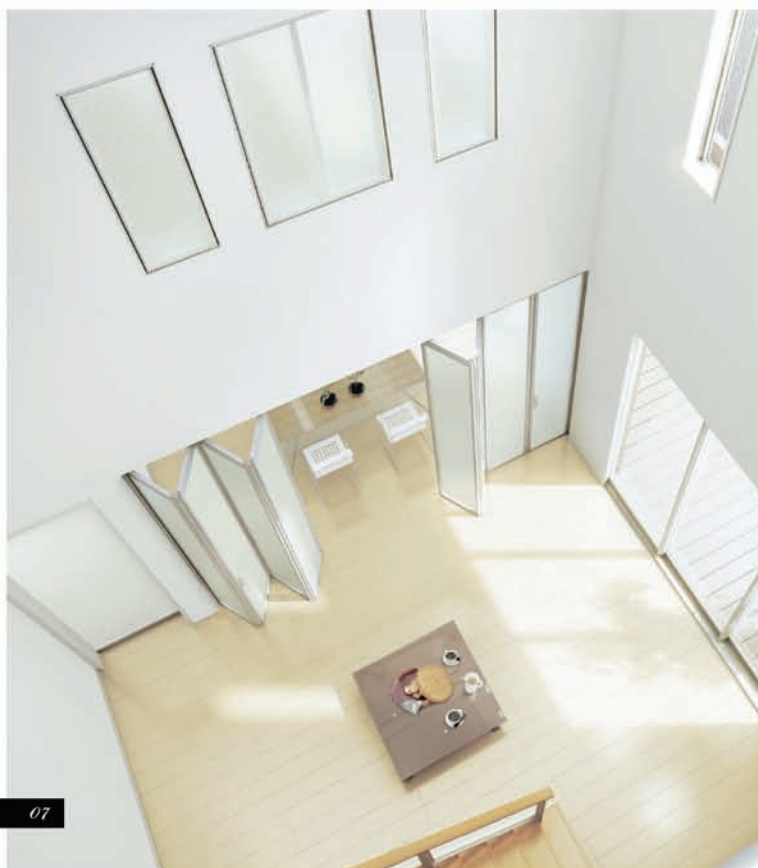
Functions ;
Insulation / noise-proof / screening / water-proof / burglar-proof

Standard colors ;
Black / white / brown / metal silver and colors upon request of consumers

Runner (hardware type) ;
Hinge type of hardware for load at top and bottom

Standard glass : multi-layer glass 16mm and/or single layer toughened glass

Maximum size of doors and/or windows :
maximum width of 1 set of door : 931mm, max height : 3,490mm



Features of the Products :

Interior use Ausvairn having light weight and high quality

Features of the Design :

The folding door for indoor use that has 'limited condition' of opening and closing space can be difficult to expand width of 1 set of door and/or window. This type of Ausvairn has made 'ultra-light' door and/or window to overcome 'repeated narrow door' by using slim and lightweight vertical bars and to convert visual inconvenience into design values.

Features of the System ;

The high quality Ausvairn has been designed to make use of hardware for load at bottom and top and to endure deformation and deflection of doors and/or windows.

Installation Specifications :

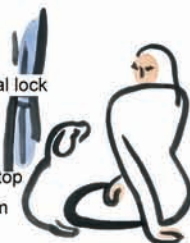
Functions : sealing / noise-proof / screening / one directional lock

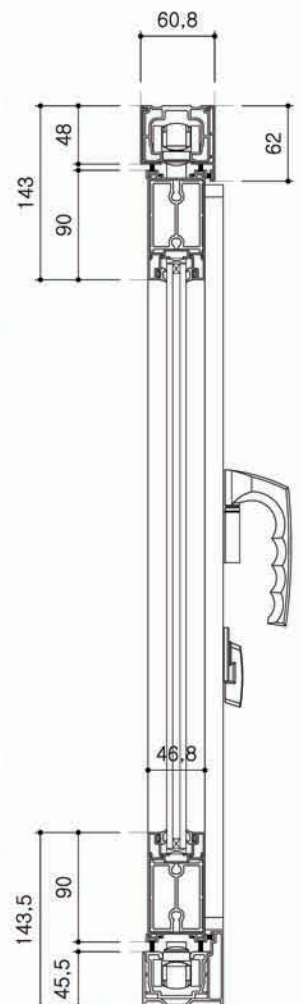
Standard color : black / white / brown / metal silver

Colors ; upon request of consumers

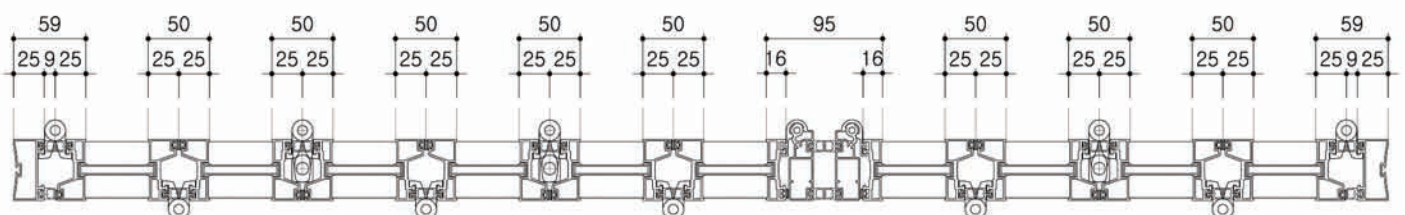
Runner (hardware type) : Hardware for load at bottom and top

Standard glass : For the use of single board mist glass 8mm





ausvaitn ultra-light use _ symphony royal for interior use horizontal section



光を、空を、空気を感ずる贅沢を、日常に。
木目のぬくもりが、心やすまる空間をつくります。

くつろぎを演出したい内観にはやさしい木目調、外観は外壁とコーディネート。
それぞれのカラーをセレクトして、住まいに合わせた理想の空間を演出できます。



Features of the Product

This type of the products have been mostly manufactured for export to have small quantity of domestic use and to be the best class Ausvairn product. The Ausvairn product has folding door to be sole type in the world and to have folding door, earthquake resistance, fire-proof and 55 meters per second of air pressure resistance.

Features of the Design :

The product has been designed considering not only functions but also current designs.

What is current design?

The product that has been not fixed but moving can have various shapes visually depending upon watching places.

This type of product has 'current design' at closing and opening.

The product can be beautiful wall at closing and have an advanced function at opening to have design of beautiful state-of-the-art furniture.

Features of the System

Not only integrated door type of line hinge but also hardware for load at bottom and top has been used to endure deformation and deflection of the door and to be high quality, expanded and folding door.

Installation Specifications

Functions:

Insulation / noise-proof / screening / burglar-proof / firefighting / earthquake resistance

Standard colors:

Black / white / brown / metal silver

Colors nominated :

Upon consumer's request

Runner (hardware type) :

Hardware for load at bottom and top that makes use of line hinge.

Standard glass : for multi-layer glass 24mm





Technical drawing of a 16-pin connector assembly. The drawing shows a side view of the connector with dimensions in millimeters. The dimensions are as follows:

- Overall length: 76.2
- Pin pitch: 25
- Pin width: 51.2
- Pin spacing: 100
- Pin width: 50
- Pin width: 50
- Pin spacing: 100
- Pin width: 50
- Pin width: 50
- Pin spacing: 100
- Pin width: 50
- Pin width: 50
- Pin spacing: 100
- Pin width: 50
- Pin width: 50
- Pin spacing: 100
- Pin width: 50
- Pin width: 50
- Pin spacing: 103
- Pin width: 60
- Pin width: 25

A collection of various aluminum extrusion profiles, including T-slots, channels, and structural beams, displayed against a blue background. The profiles are shown in cross-section, revealing their internal structures and finishes.



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ausvairn light weight use _ model name : special mild



Features of the Product

The opened and expanded Ausvairn can be commonly used at indoor, outdoor, residential facilities and others, and it has functions of insulation, noise-proof, screening, water-proof and burglar-proof.

Features of the Design

Modern style door and/or window that looks elegant to have no distortion, and that is in good harmony with all of the places to have good quality.

Features of the System

The hardware for load at bottom and top can prevent doors and/or windows from being deformed and deflected, and it can satisfy endurance period and expand space.

Installation Specifications

Functions : Insulation / noise-proof / screening / water-proof / burglar-proof

Standard colors : black / white / brown / metal silver

Colors nominated : upon consumer's request

Runner (hardware type) : Hardware for load at bottom and top

Standard glass : Multi-layer glass 16mm (5mm + 6mm space + 5mm)

Glass nominated : 5mm ~ 24mm





Features of the Product

The high strength and lightweight folding door

Ausvairn has width of 1 set of door of 1.445 m and maximum height of 5.4 m.

Functions : Insulation / noise-proof / screening / water-proof / burglar-proof

Features of the Design

The high quality Ausvairn door and window can produce good space by using special height and width of the door and window.

You can be proud of the Ausvairn door when entering. You may feel castle values of the architecture.

Features of the System

Not only the integrated door line hinge but also hardware for load at bottom and top can prevent doors and/or windows from being deformed and deflected, and it can satisfy endurance period and expand space to be Ausvairn high quality folding door.

Installation Specifications

Functions : Insulation / noise-proof / screening / water-proof / burglar-proof

Standard colors : black / white / brown / metal silver

Colors nominated : upon consumer's request

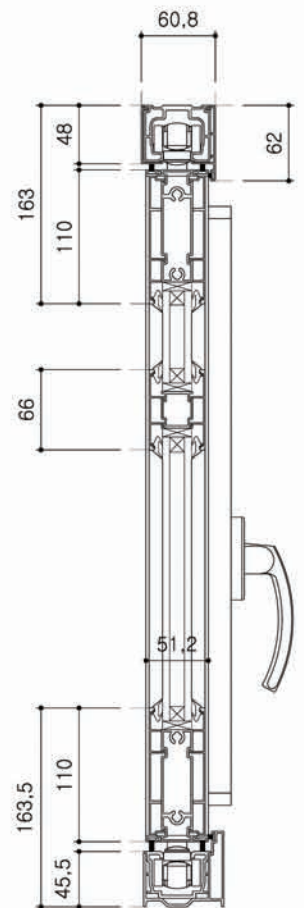
Runner (hardware type) : Integrated door line hinge and hardware for load at bottom and top

Standard glass : Either multi-layer glass 22mm

(8mm tempered glass + 6mm space + 8mm tempered glass) or 24mm (6mm + 12mm + 6mm)

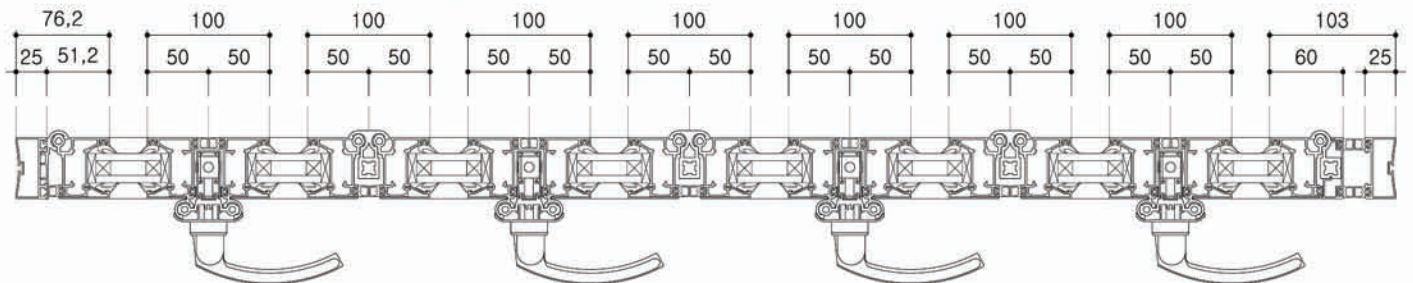
Maximum size of the door and/or window : height (5,400mm) and width (1,445mm)





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ausvairn light weight use _ symphony mild horizontal section

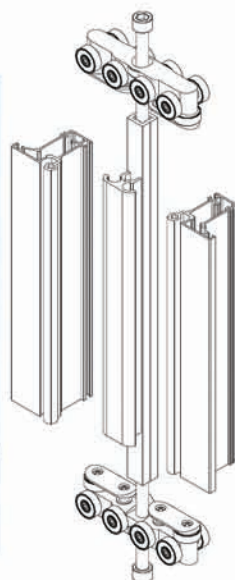


The Ausvairn light weight use Symphony Mild makes use of line hinge to be suitable to door having width of 1 meter or more and height of 5 meters or more.

[Integrated system line hinge]



[Standard type of system handle]





Features of the Product

The high strength and heavyweight folding door Ausvairn has width of 1 set of door of 2.0 m and maximum height of 7.89 m.
The folding door Ausvairn has good insulation, noise-proof, screening, water-proof and burglar-proof.

Features of the Design

The high quality Ausvairn door and window
can produce good space by using special height and width of the door and window
You can be proud of the Ausvairn door when entering. You may feel castle values of the architecture.

Features of the System

Not only the integrated door line hinge but also hardware for load at bottom and top can prevent doors and/or windows from being deformed and deflected, and it can satisfy endurance period and expand space to be Ausvairn high quality folding door.

Installation Specifications

Functions : Insulation / noise-proof / screening / water-proof / burglar-proof

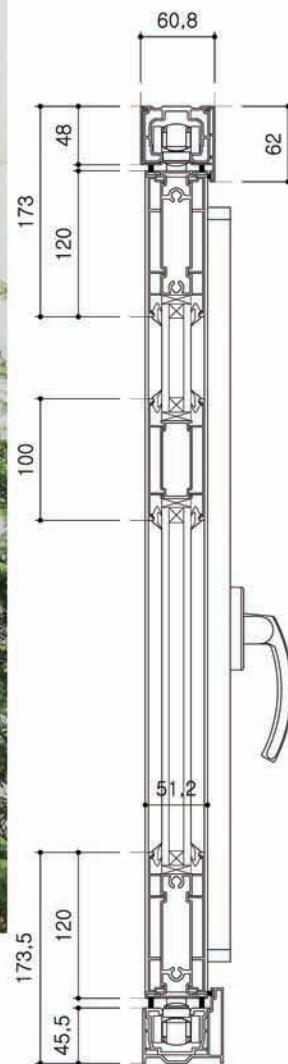
Standard colors : black / white / brown / metal silver

Colors nominated : upon consumer's request

Runner (hardware type) : Integrated door line hinge and hardware for load at bottom and top

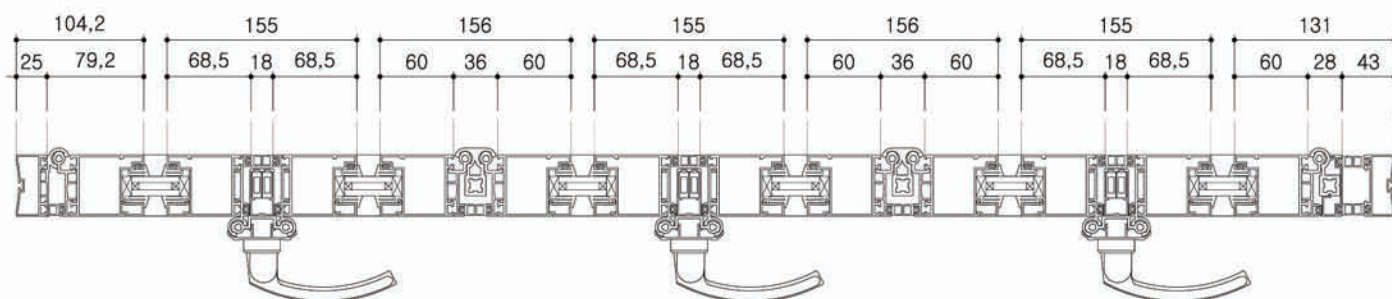
Standard glass : Either multi-layer glass 22mm (8mm tempered glass + 6mm space + 8mm tempered glass)
glass nominated: 16mm (5mm tempered glass + 12mm space + 5mm tempered glass)





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ausvairn

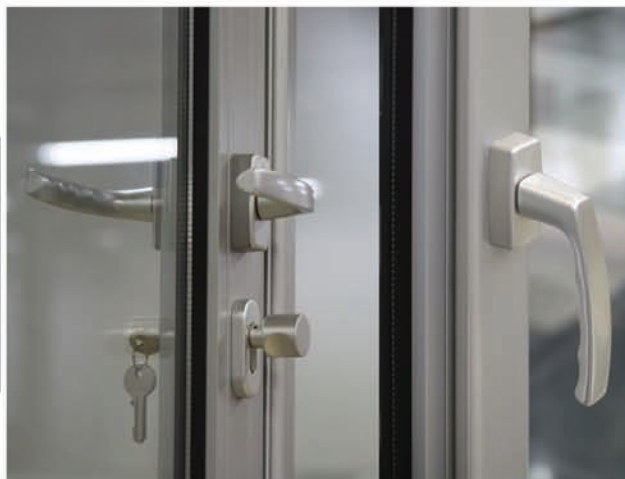
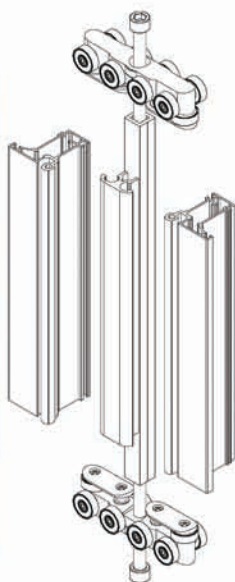
ausvairn heavyweight use _ symphony pro horizontal section



[Integrated system line hinge]



[Standard type of system handle]





Features of the Product

Ausvairn balcony expansion has much better sealing and firefighting. It has been designed for the elderly, the disabled, infants and babies to be very much soft and safe.

Ausvairn can assure of your safety, in particular, safety of infants and babies.

Features of the Design

Ausvairn Balconia Special that has advantages of convenience and drive of Ausvairn Symphony has not only Symphony's classic but also Special's modern design to look beautiful at near place owing to very much delicate assembling of joints of doors and windows. The design has been focused on special series modern.

Features of the System

The hardware system for load at bottom and top has been designed to endure durability of deformation and deflection of doors and windows. The opening and closing of the system has allowed that of special series product.

Installation Specification

Functions:

Insulation / noise-proof / screening / water-proof / firefighting / burglar-proof

Your Balconia Special has been designed to do 'sealing' being suitable to balcony and to take action against gravity convection that the air flows by temperature difference between living room and balcony.

The purpose of the design is to make room be comfortable.

Your Balconia Special assures of cool, warm and comfortable room environment.

Standard Colors: Black / white / brown / metal silver

Color nominated : upon consumer's request

Finish: 2 to 3 times coating of fluoroc resin

Runner (hardware type)

Hardware for load at bottom and top

Standard type of glass:

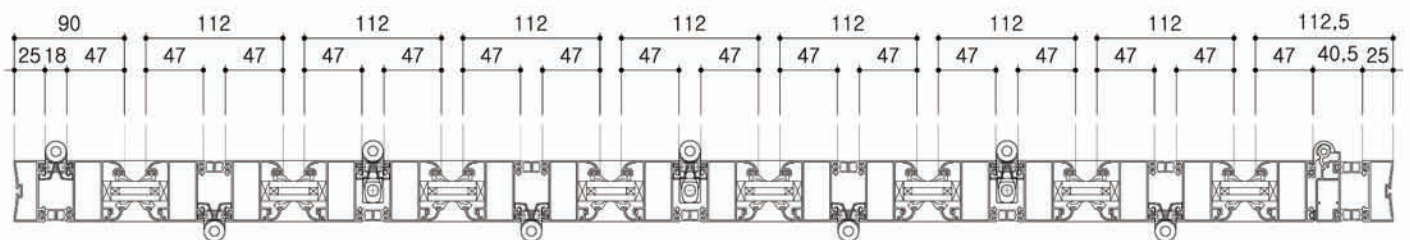
Multi-layer glass: 16mm (5f + 6a + 5f)

Glass nominated: 8mm~24mm





ausvaith balcony expansion _ balconia special horizontal section



[Balconia Special's special handle]

[Hinged hardware depending upon load of Ausvaitn Balconia Special]





Features of the Product

Ausvairn Balcony Expansion has much better sealing and firefighting. It has been designed for the elderly, the disabled, infants and babies to be very much soft and safe.

Ausvairn can assure of your safety, in particular, safety of infants and babies.

Features of the Design

Ausvairn Balconia Cons that has advantages of convenience and drive of Ausvairn Symphony has not only Symphony's classic but also Special's modern design to look beautiful at near place owing to very much delicate assembling of joints of doors and windows. The design has been focused on Symphony series Art Nouveau.

Features of the System

The hardware system for load at bottom and top has been designed to endure durability of deformation and deflection of doors and windows. The opening and closing of the system has followed that of Symphony series product.

Installation Specification

Functions:

Insulation / noise-proof / screening / water-proof / firefighting / burglar-proof

Your Balconia Cons has been designed to do 'sealing' being suitable to balcony and to take action against gravity convection that the air flows by temperature difference between living room and balcony. The purpose of the design is to make room be comfortable. Your Balconia Cons assures of cool, warm and comfortable room environment.

Standard Colors: Black / white / brown / metal silver

Color nominated : upon consumer's request

Finish: 2 to 3 times coating of fluoroc resin

Runner (hardware type)

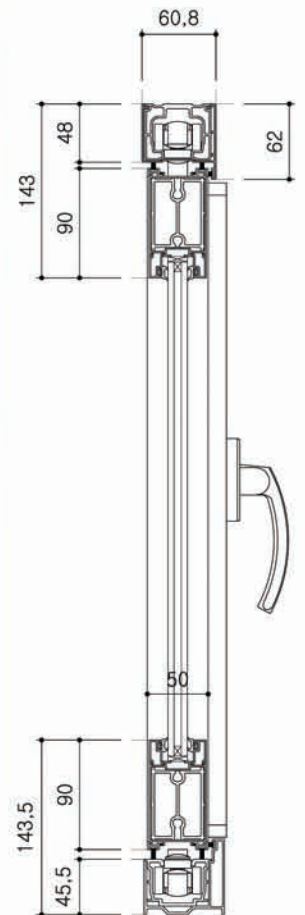
Hardware for load at bottom and top

Standard type of glass:

Multi-layer glass: 16mm (5f + 6a + 5f)

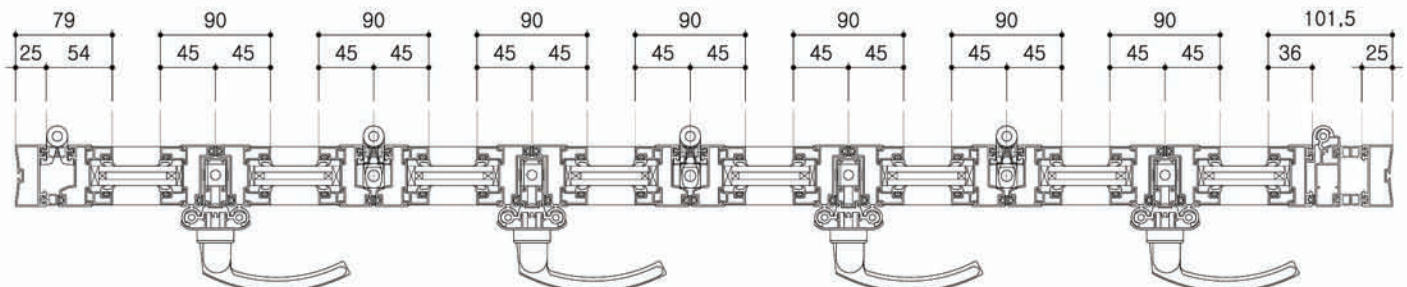
Glass nominated: 8mm~24mm





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ausvairn balcony expansion _ balconia cons horizontal section



Your Ausvairn Balconia Con for balcony has been designed to have very much special type of folding door.

[Balconia Cons standard handle]



[Balconia Cons hinged hardware and standard handle]







Features of the Product

Ausvairn folding door for commercial use, opening and expansion can open and expand space in various ways, and it has much better insulation, noise-proof, screening, water-proof and burglar-proof. Your Ausvairn door has been designed to have safety, stability and durability to let many persons make use of it in very much safe and soft way.

Your Ausvairn door for commercial use assures you of safety, in particular, safety for uncertain many persons.

Features of the Design

Your Ausvairn folding door for commercial use that has modern and smart design shall help develop access, impressions and advancement of commercial facilities to be very much effective at commercial areas.

Features of the System

The hardware for load at bottom and top has been designed to fold, open and expand by various kinds of opening and closing.

Your Ausvairn folding door has been designed to convert and integrate with other doors at commercial areas.

Installation Specification

Functions:

Insulation / noise-proof / screening / water-proof / firefighting / burglar-proof

Standard Colors: Black / white / brown / metal silver

Color nominated : upon consumer's request

Finish: 2 to 3 times coating of fluoroc resin

Runner (hardware type)

Hardware for load at bottom and top

Standard type of glass:

Multi-layer glass: 16mm (5f + 6a + 5f)

Glass nominated: 8mm~24mm

Sea coastal area and external window having height of 6 meters or more

Height of the installation: 3.1m or less

Width of the installation: 0.7m or less

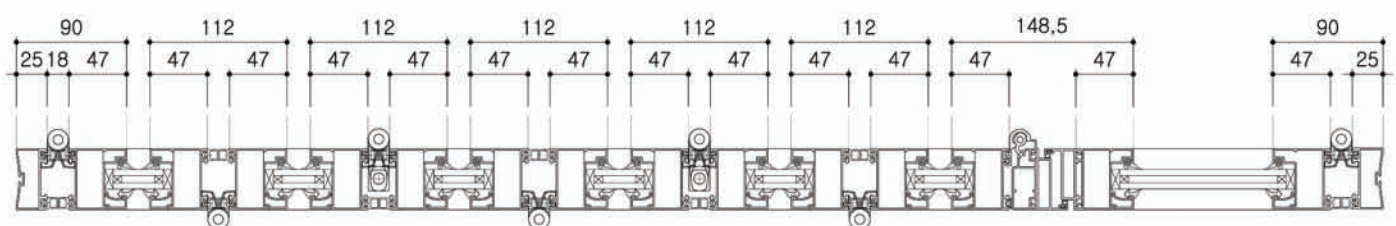
Advantages

The cost shall be very much inexpensive considering functions.



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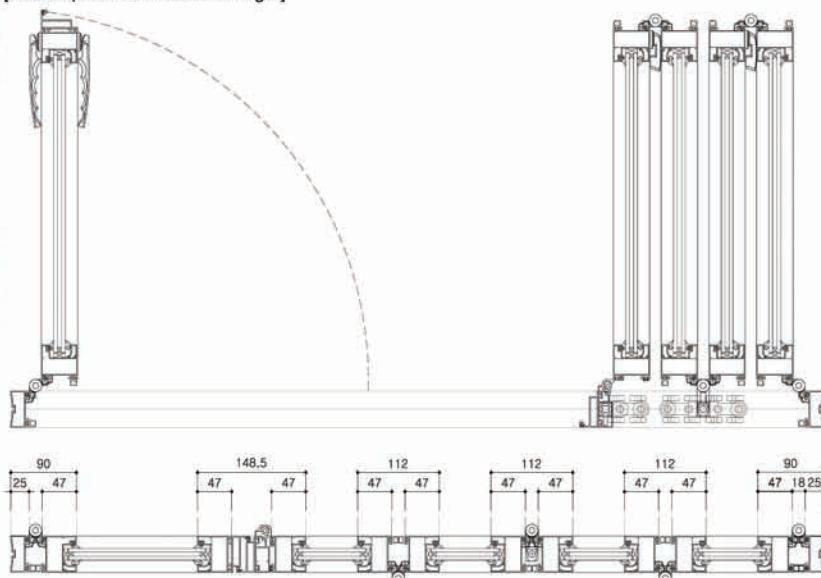
ausvairn commercial use door _ model name : flacel horizontal section



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ausvairn
ausvairn commercial use _ model name : flacel

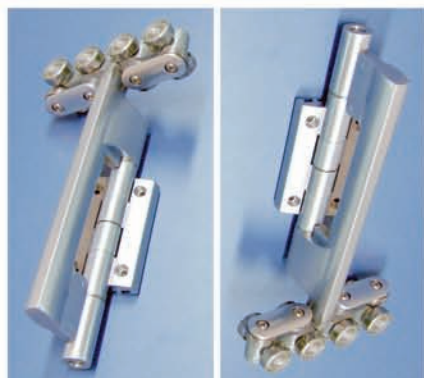


[Development of left-hand image]

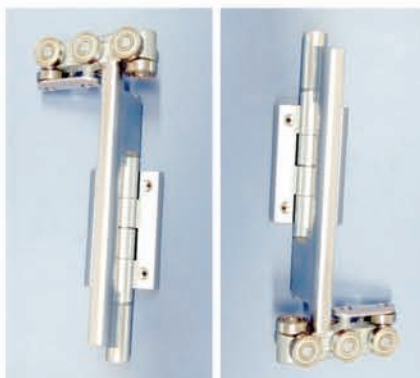


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ausvairn commercial use flacel hardware

[even numbered door (runner)]



[odd numbered door (runner)]



[last sliding door (runner)]



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ausvairn
ausvairn commercial use flacel system handle

[Commercial use standard type of system handle]



[90 degree revolving door option system handle]



[Commercial use option system handle]



Commercial use system handle can make change from standard type of system handle to optional system handle depending upon opening way without notice in advance.

ausvairn commercial use flacel's opening and closing system

Storage in one direction either to the left or to the right



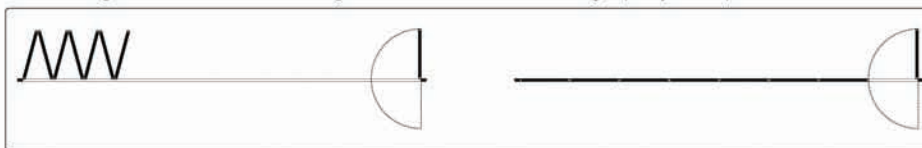
Door hinge to store either to the left or to the right



Door hinge in one direction at 90 degree either to the left or to the right



Door hinge in one direction at 180 degree either to the left or to the right (utility model)



Store in both directions either to the left or to the right from center or a point of the opening



Store in both directions either to the left or to the right and have door hinge either at center of the opening or at specific point



Store at the place that you want after opening 1 set of 2 doors



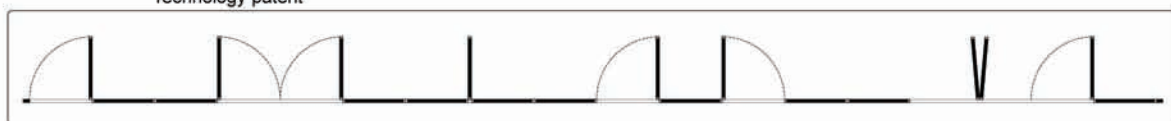
Store at the place that you want after opening door hinge with even number of door (technology patent)



Store at the place that you want by using 90 degree door hinge and folded door, when necessary



Technology patent



[4-pair door and door hinge] [4-pair door and protruded partition] [Sliding partition] [Fixed window and door hinge] [Free type partition]

Your Ausvairn door

can open and expand space by using folded system.

Your Ausvairn door is produced by order

to open and/or expand space by folding, sliding and door hinge and to put a designer's thought into practice and to be optimum system. pace expansion of Ausvairn has technology patent.





Features of the Product

Your Ausvaitn door with visibility of the glass has been designed to make use of it at commercial facilities and to be variable wall.

Features of the Design

The glass having thick thickness has been designed to make variable wall for commercial use and to adopt aluminum made bars at bottom and top of door wall to assure of safety of driving. The aluminum made bar at top and bottom has been designed to have round shape and to give softness to the wall.

Features of the System

The hardware for load at bottom and top has been designed to endure deformation and/or deflection of the door and window.

Installation Specification

Functions: Insulation, noise-proof, screening and water-proof, etc are low.

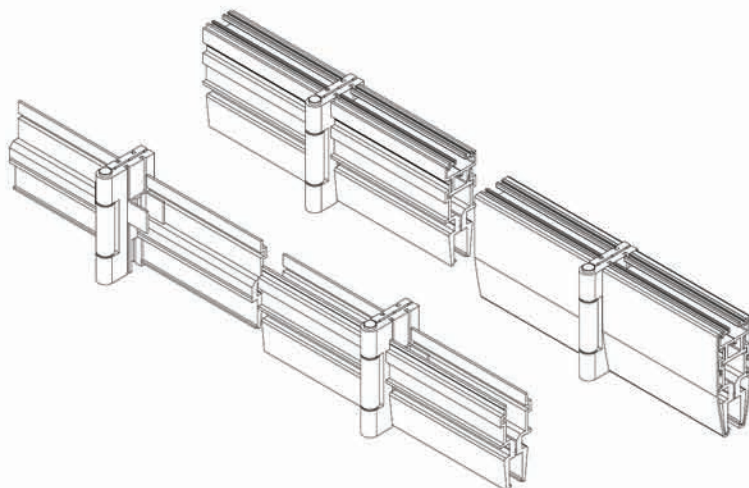
Standard Colors: Black / white / brown / metal silver

Color nominated : upon consumer's request

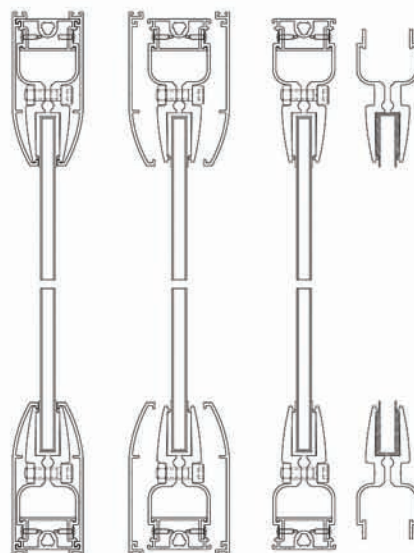
Runner (hardware type): Hardware for load at bottom and top

Standard type of glass: Tempered glass 12mm

Mc Luxury
ausvaitn
glass ausvaitn _ hinge assembly



Mc Luxury
ausvaitn
glass ausvaitn _ assembly





Name of The product : Wooden made Ausvairn Wood Acci _ for interior use and exterior use

- Structure

Your Ausvairn door has been made of aluminum profile having stability at load, deflection and distortion to decorate by wood and to have folding door for indoor and outdoor.

- use of The product

Your Ausvairn folding door has been designed to endure 60°C at 45m/sec of air pressure and to make use of it at all kinds of places.

- Functions of The product

Your Ausvairn door that has folding door to open and expand has functions of insulation, noise-proof, screening, water-proof, burglar-proof and anti-dew, and it has much better insulation comparing with other kinds of products.

- Features of The Design

Your Ausvairn door has softness and aesthetic value of the wooden product and Art Nouveau type of design has produced elegant beauty as much as possible.

- Material : Wood, for instance, The Oregon fine, western red cedar, ash tree, oak, walnut, teak, ash carbonized Wood, oak carbonized Wood

- Finish : Varnish coating / optional Finish: color nominated

- Glass: multi-layer glass 16mm (5F + 6A + 5F)

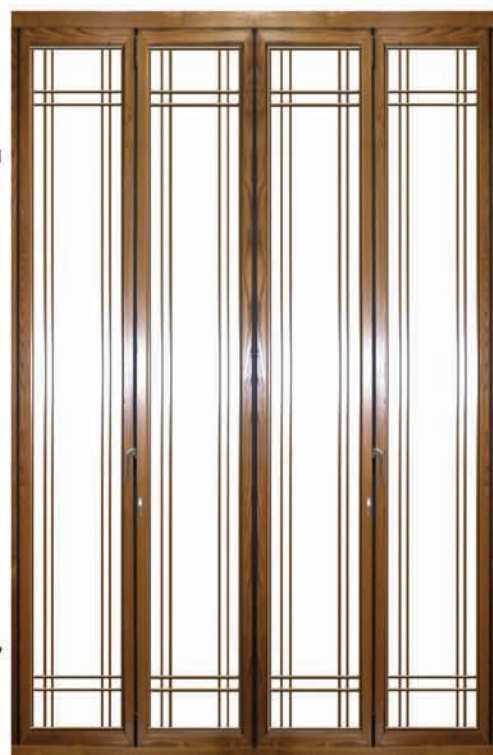
optional glass: single layer: 5mm ~ multiple layer: 38mm (common type, tempered, joint, roy)

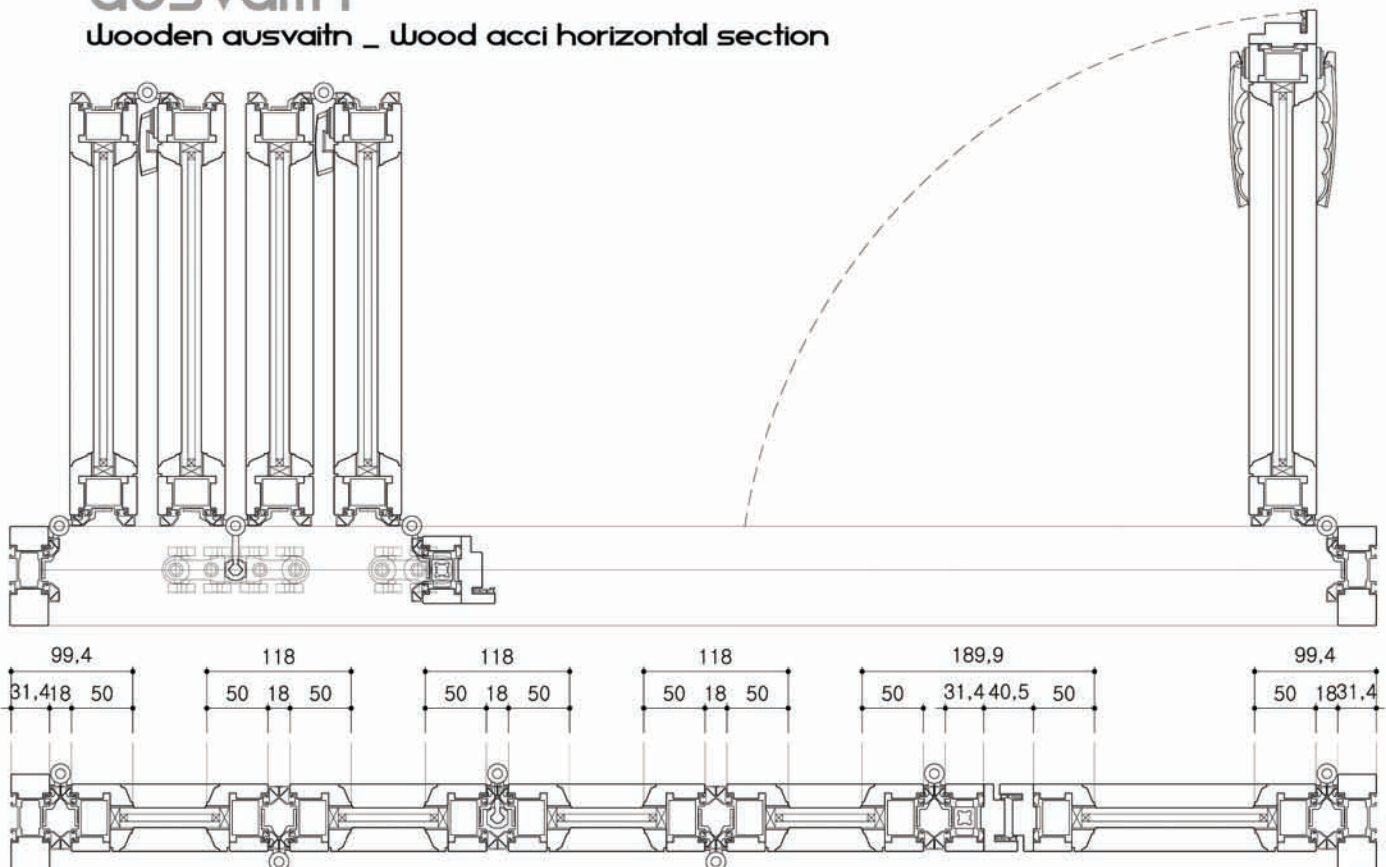
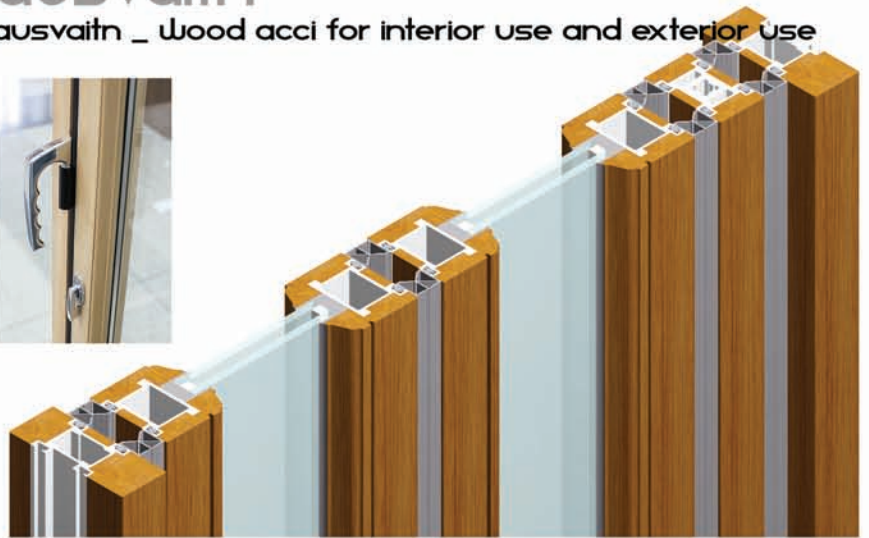
- Limit at installation at inland: up to 3.6m in height, up to 0.9m in width

- Limit at installation at coastal area and external window having 6m or higher in height: up to 2.8m and width in installation: 0.75m or less

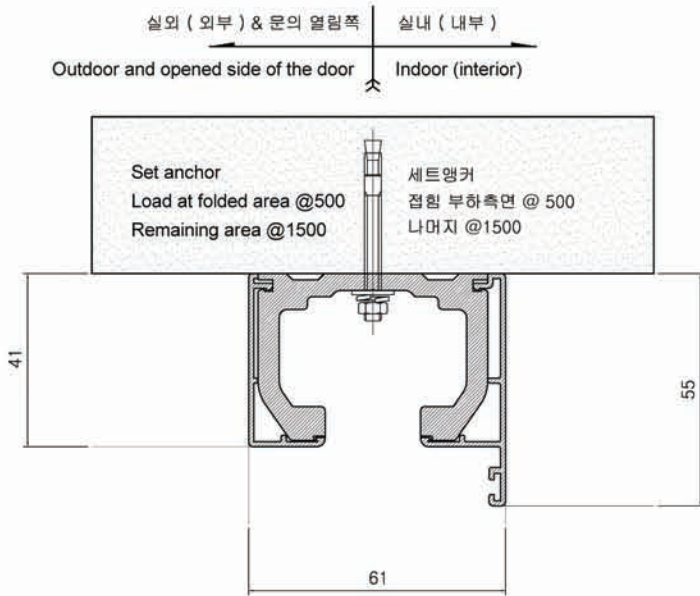
- Hardware : load for top and bottom

- Function : insulation / noise-proof / screening / water-proof / burglar-proof, in particular, both insulation and anti-dew are The best.

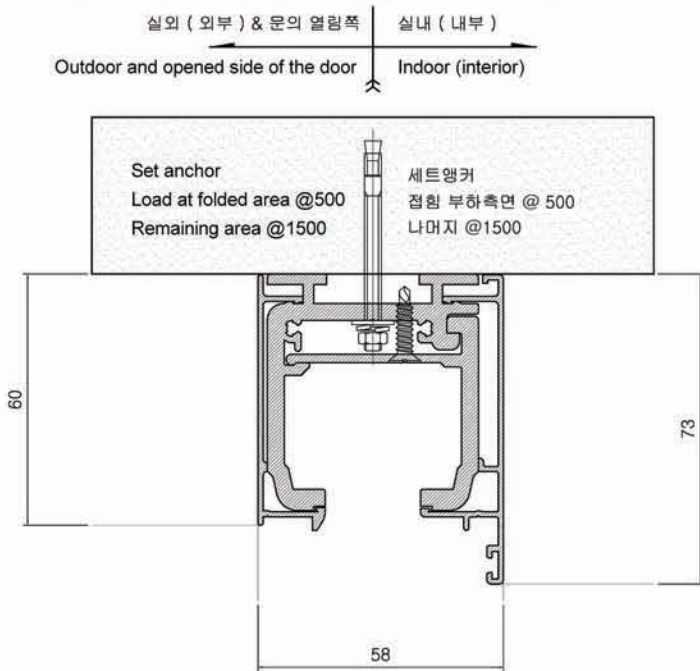




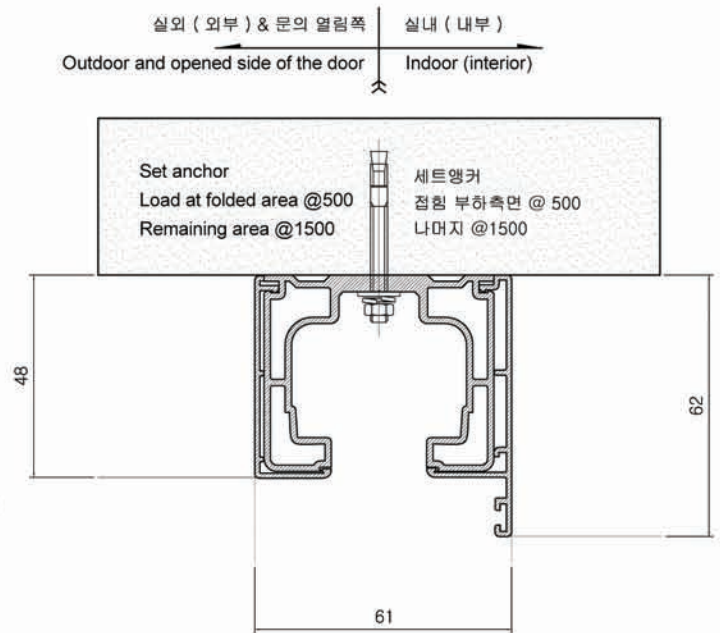
[Top rail at installation height of more than 5.65m]



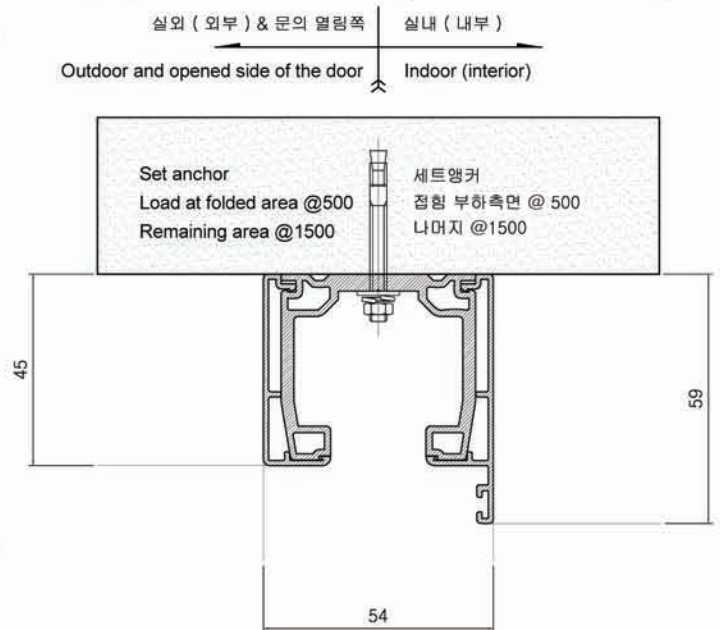
[Top rail at installation height of more than 4.11m]



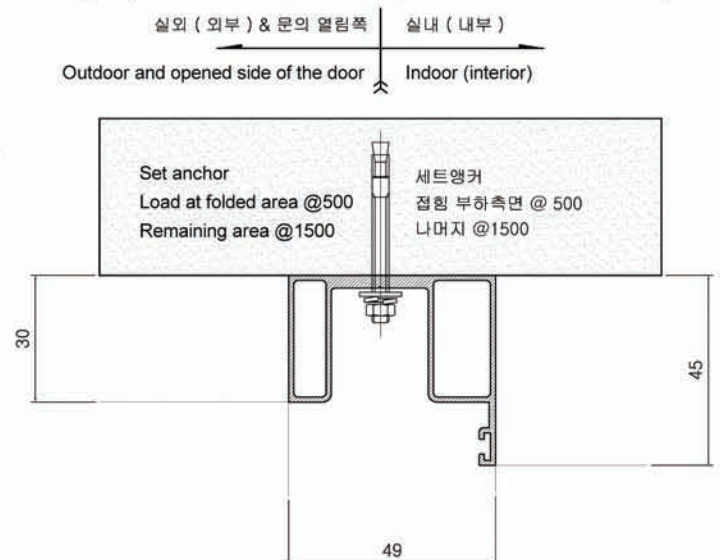
[Top rail below than 4.11m of installation height]



[Top rail at installation height below than 3.52m]

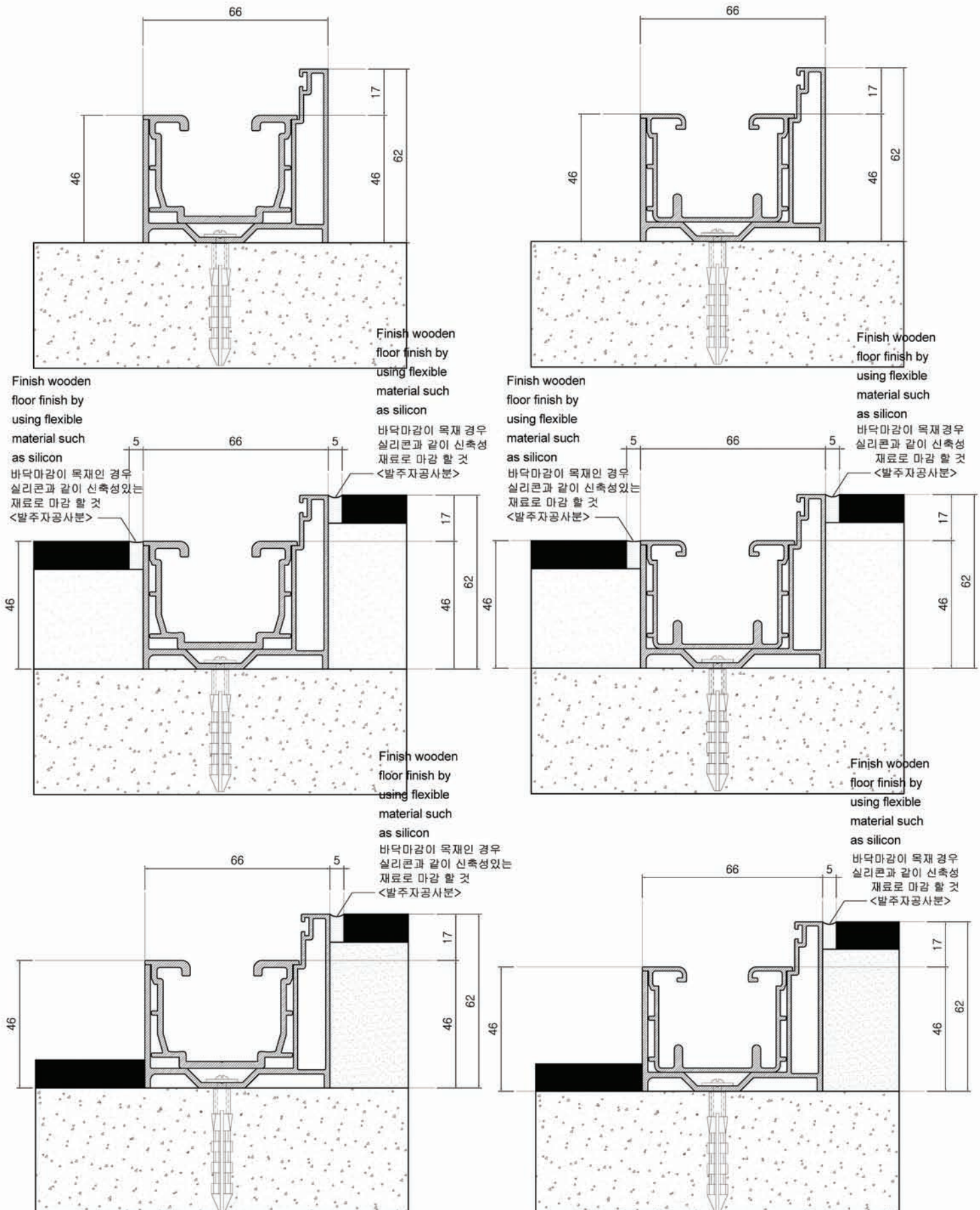


[Top rail at installation height of less than 2.91m]

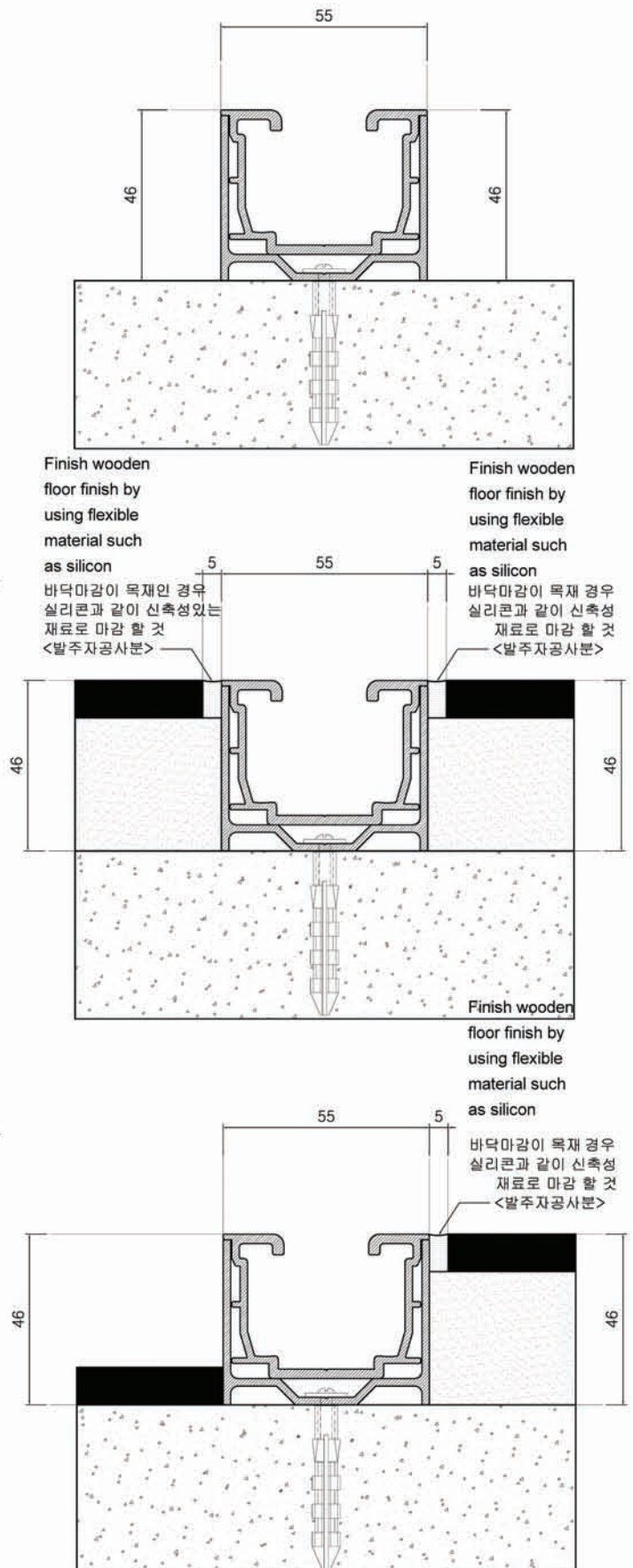


[Exposed bottom rail: at height of 5.65m or more]

[Exposed bottom rail: at height of less than 5.65m]

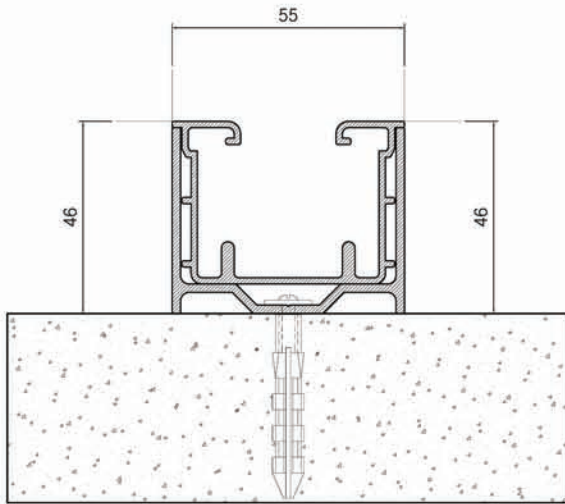


[Embedded bottom rail: at height of 5.65m or more]



[Exposed bottom rail: at height of 5.65m or more]

[Exposed bottom rail: at height of less than 5.65m]

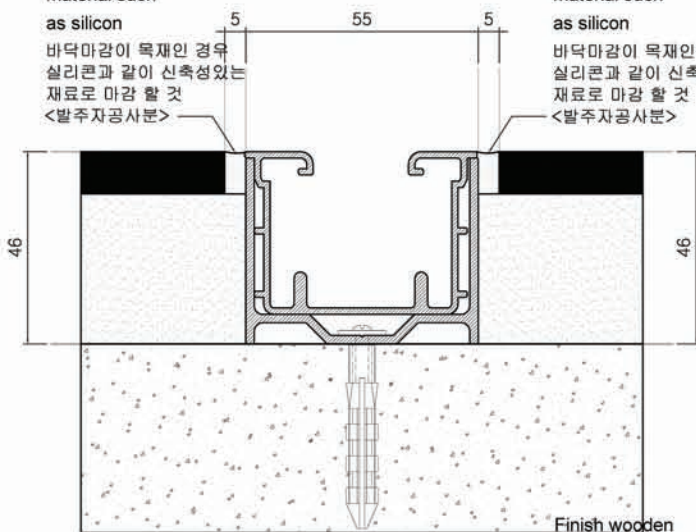


Finish wooden
floor finish by
using flexible
material such
as silicon

바닥마감이 목재인 경우
실리콘과 같이 신축성있는
재료로 마감 할 것
<발주자공사분>

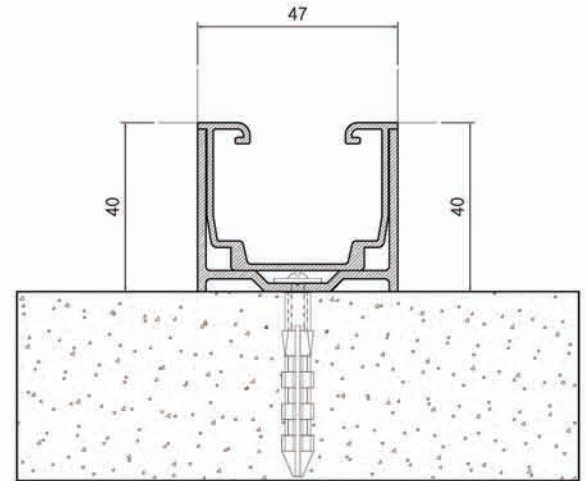
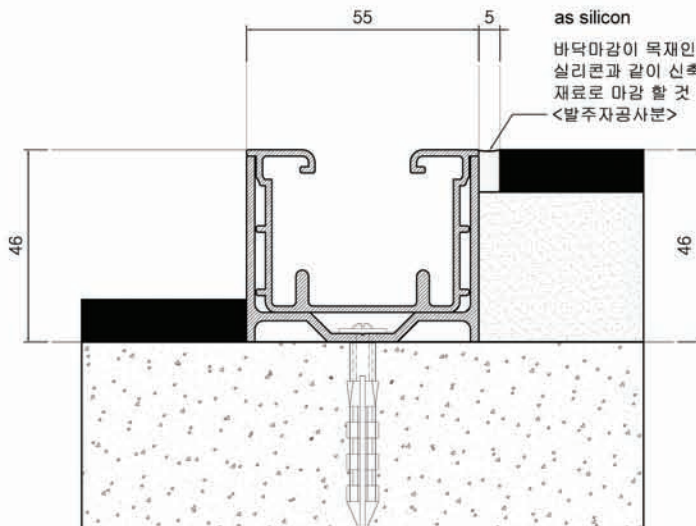
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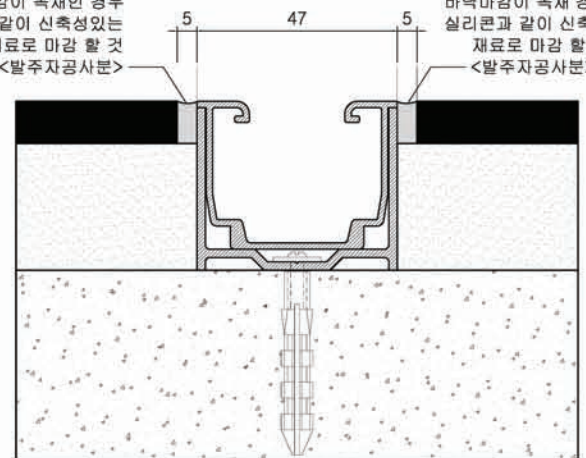


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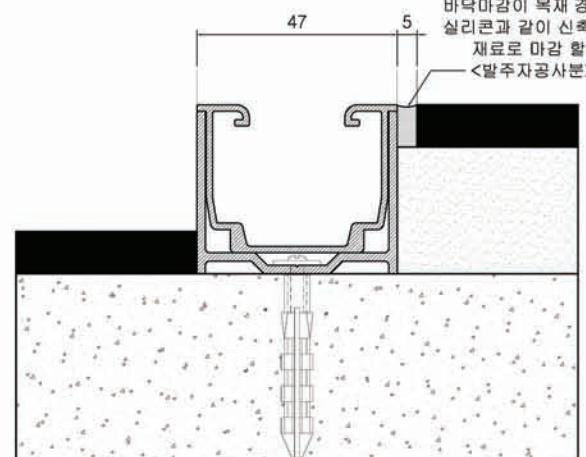
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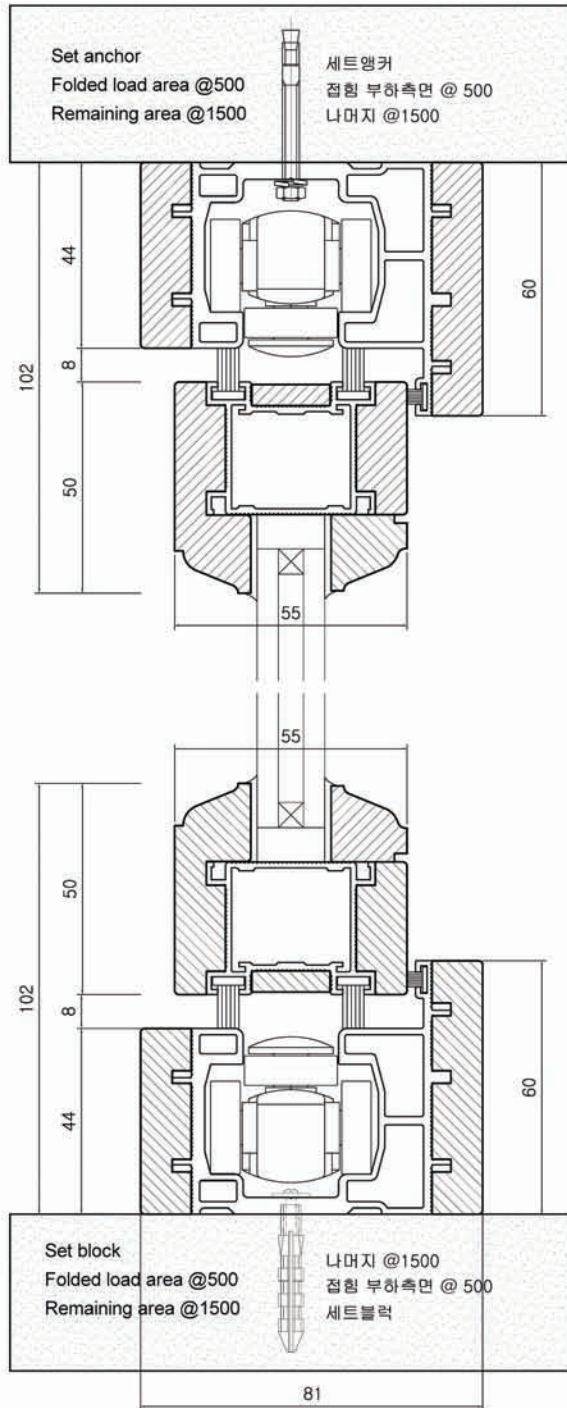


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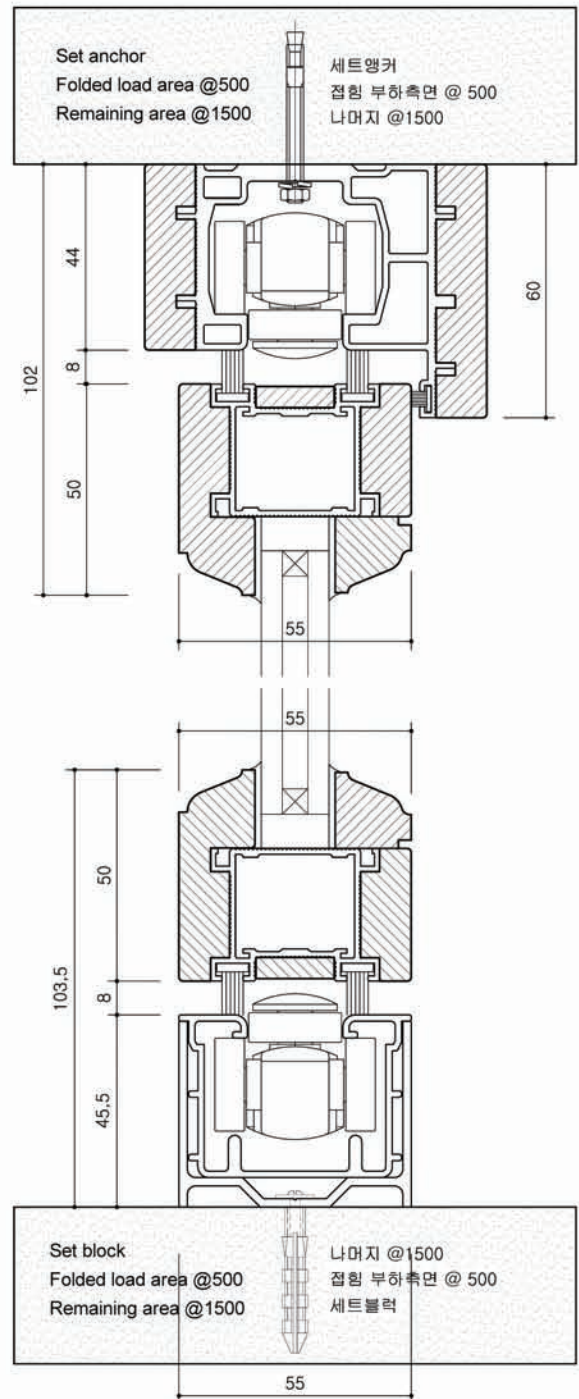
바닥마감이 목재 경우
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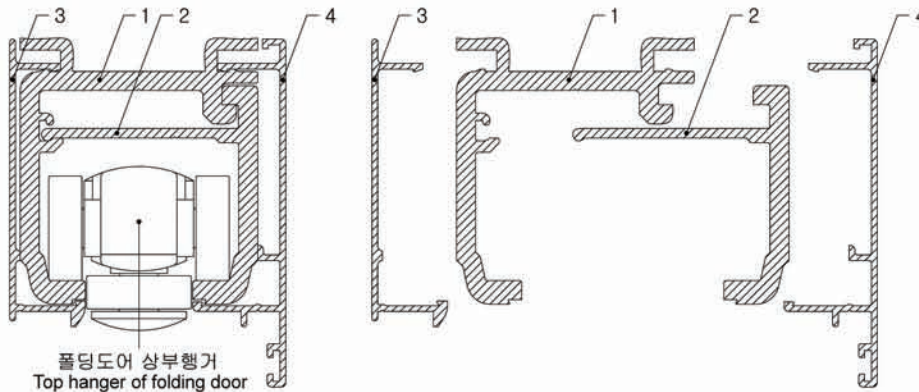
[Top rail for load at bottom and top and exposed bottom rail]



[Top rail for load at bottom and top and depending bottom rail]



patent of top bottom rail of ausvairn door



Name: Top hanger rail of separated folding door

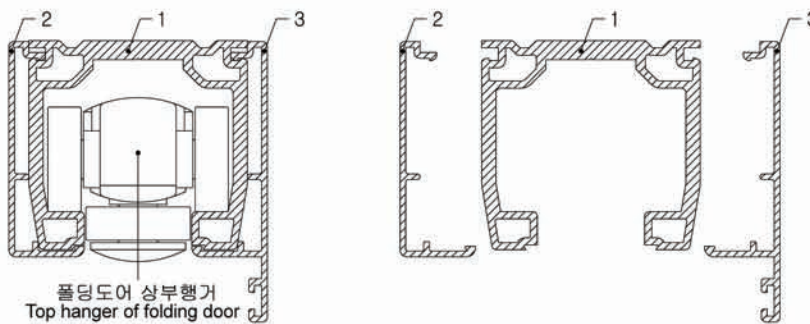
Construction :

1. Rail for rolling; Put bolts and/or anchors into the construction to roll hanger of the doors and windows
2. Rail for repairing: Insert rail for repairing into the rail 1 to fasten, and is used to repair hanger of doors and windows.
3. Decoration bar for exterior use
The rail 1 shall have specific strength that is needed to extrude aluminum material and to do heat treatment and cooling for structural strength : 1, 2, 3 and 4 shall be painted upon demand on-the-spot. Heat treatment is needed at painting of the aluminum, and it can weaken rail 1.

The decoration bar 3 can skip weakening of rail 1 and paint rail 3 by using paint upon on-the-spot demand not to do heat treatment, and it shall cover rail 1.

4. Decoration bar for inner use

Rail 2 shall have specific strength that is needed to extrude aluminum material and to do heat treatment and cooling for structural strength: 1, 2, 3 and 4 shall be painted upon demand on-the-spot. Heat treatment is needed at painting of the aluminum, and it can weaken rail 1. The decoration bar 4 can skip weakening of rail 2 and paint rail 4 by using paint upon on-the-spot demand not to do heat treatment, and it shall cover rail 2.



Name: Top hanger rail of separated folding door

Construction:

1. Rail for construction; Put bolts and/or anchors into the construction to roll hanger of the doors and windows
2. Decoration bar for exterior use
The rail 1 shall have specific strength that is needed to extrude aluminum material and to do heat treatment and cooling for structural strength: 1, 2 and 3 shall be painted upon demand on-the-spot. Heat treatment is needed at painting of the aluminum, and it can weaken rail 1. The decoration bar 2 can skip weakening of rail 1 and paint rail 3 by using paint upon on-the-spot demand not to do heat treatment, and it shall cover rail 1.

3 Decoration bar for inner use

Rail 1 shall have specific strength that is needed to extrude aluminum material and to do heat treatment and cooling for structural strength : 1, 2 and 3 shall be painted upon demand on-the-spot. Heat treatment is needed at painting of the aluminum, and it can weaken rail 1. The decoration bar 4 can skip weakening of rail 2 and paint rail 3 by using paint upon on-the-spot demand not to extrude nor do heat treatment, and it shall cover rail 1.

Name: Folding door separated bottom rail

Construction:

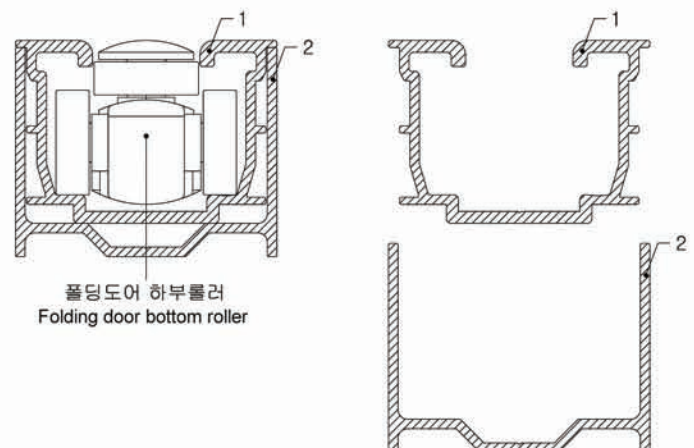
1. Rail for construction

The bottom rail produces rolling when rolling system of door and window is concentrated on the bottom.

2. Bottom rail frame

First installation of bottom rail 1 can introduce foreign materials to destroy it and to create poor running of door and window.

At this time, put rail 2 firstly and the insert rail 1 at following process to solve problem of first installation of rail 1. Separate rail 1 from rail 2 to adhere to rail 1 and to repair and maintain ea



Mc Luxury

ausvairn

아우스바이트

생산 책임기업 : 한국히로마도 주식회사

주소 : 경기도 광주시 초월읍 용수리 14-4(5)번지

대표전화 : 031-798-7456 / 대표팩스 : 031-798-7458

판매 책임기업 : 케이에스토스텍주식회사

주소 : 서울시 서초구 서초동 148-1 포스코더샵 103-2207

대표전화 : 02-521-8318 / 팩스 : 02-521-8326

전시장 : 케이에스토스텍 주식회사

주소 : 서울시 서초구 서초동 1606-1번지 1층

대표전화 : 02-585-5355 / 팩스 : 02-585-5366

홈페이지 : <http://kstostem.co.kr> (일반자료 검색)

<http://kstostem.co.kr/ausvairn/ausvairn> (전문자료 검색)



아름다운 세상을 만드는 사람들

케이에스토스텍

GROUP KS. TOSTEM