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Hardware store

Comprehensive guide to SGL-1116



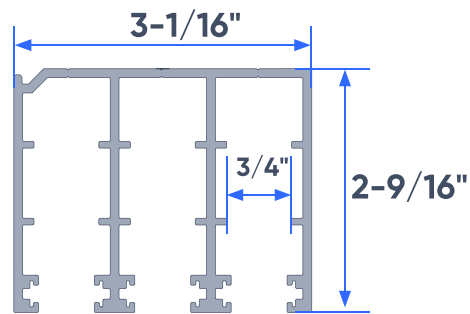
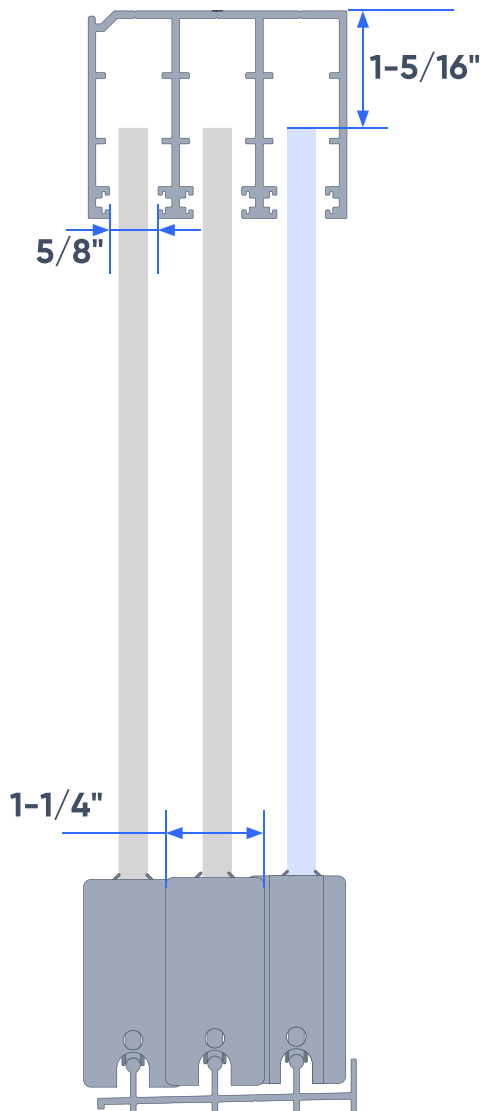
Frameless sliding glass wall system SGL 1116



FRAMELESS SGL1116 SLIDING WALL is a non-thermally broken system with frameless glass panels sliding back and forth along the top and bottom guide profiles. SGL1116 has the lowest bottom track on the market, making it a universal solution for homes and businesses.

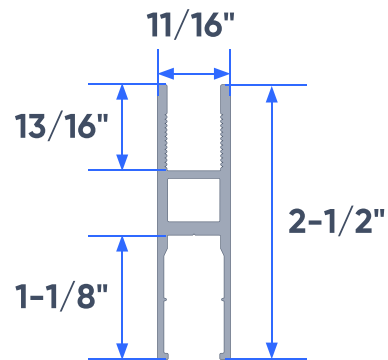
Profile system SGL 1116

Sectional view of the Slide profile system

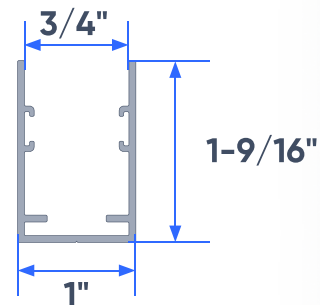


Top rail profile CRDA203

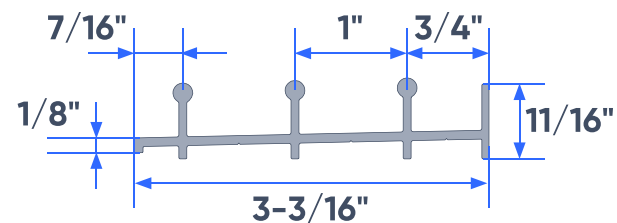
Glass profile CRDA205



Wall profile U CRDA006



Bottom rail profile CRDA201



SGL-1116 specifications

Number of tracks

Unlimited

Floor mounting

Partial

Drainage holes

✓ Yes

Internal partitions

✓ Yes

Decorative trim

✗ No

Terrace / Balcony

✓ Yes

Rubber gasket

Made from high quality material resistant to temperature fluctuations

Glass profile

Made from high quality material resistant to temperature fluctuations

Rubber roller

Made from frost-resistant material that doesn't wear off

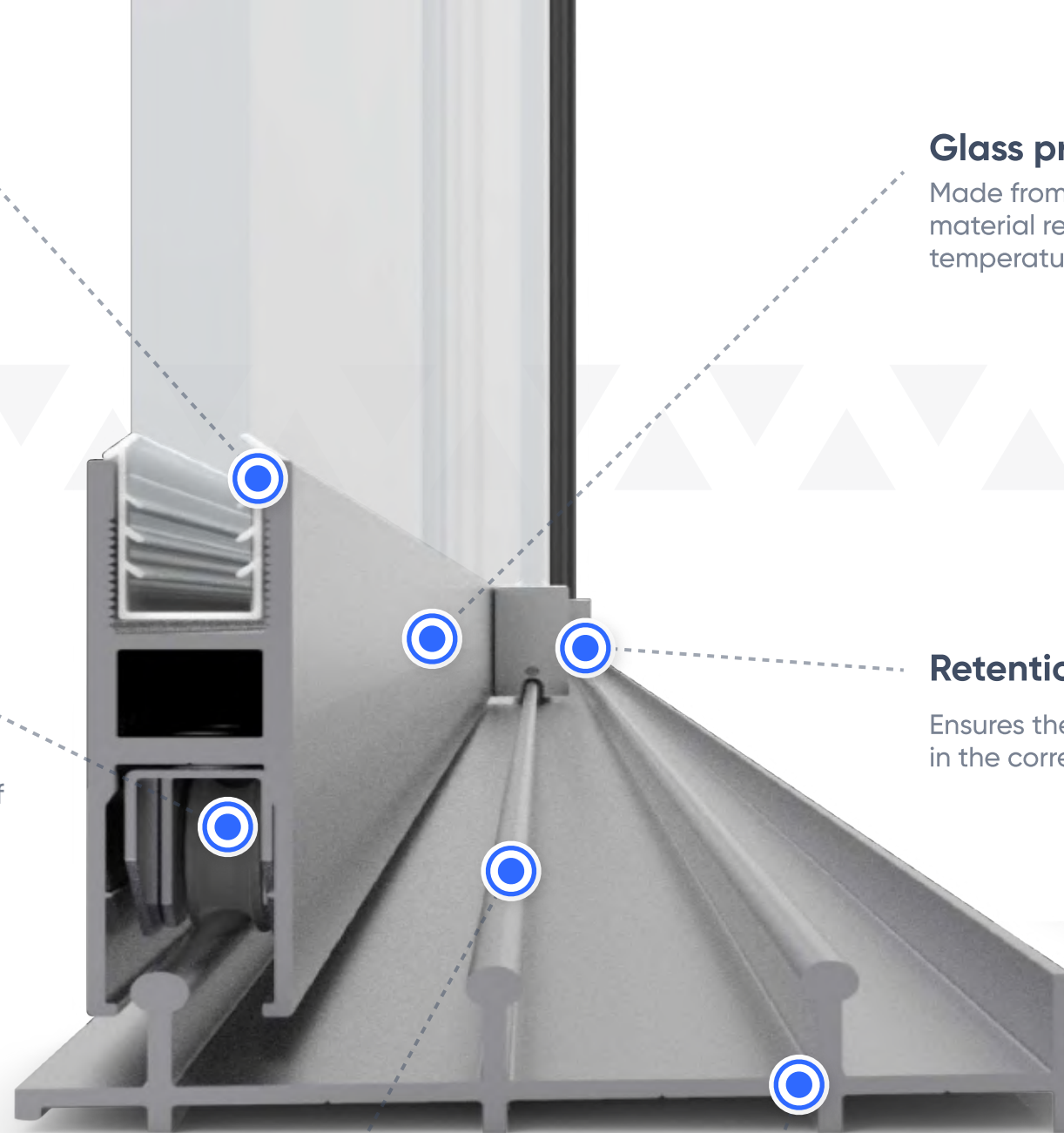
Retention pad

Ensures the movement of the panels in the correct direction.

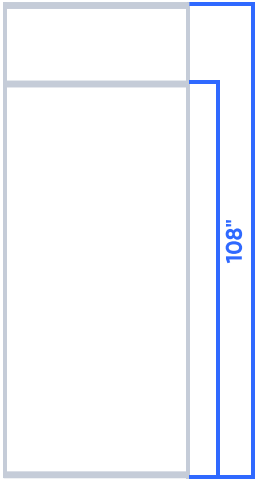
Drainage system

Bottom guide profile

Consists of three 11/16" high parallel panel guides.

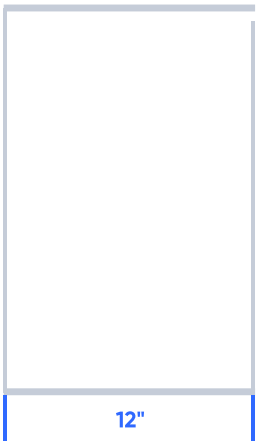


SGL 1116 system description



Height:

- ◆ Maximum system height with **3/8" glass - 108"**
- ◆ Maximum system height with **1/2" glass - 120"**



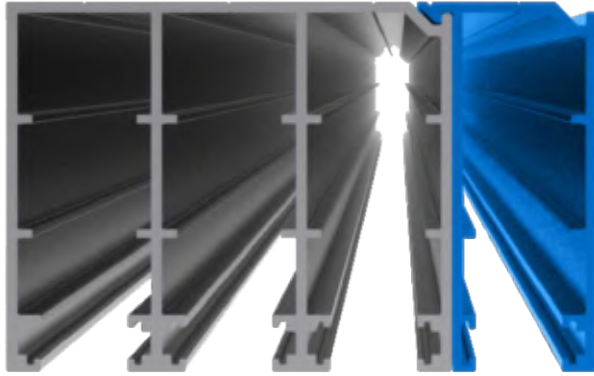
Width:

- ◆ Minimum panel width with **3/8" glass - 12"**
- ◆ Maximum panel width **Depends on the total weight of the panel**
- ◆ Maximum weight per panel **331 lbs**

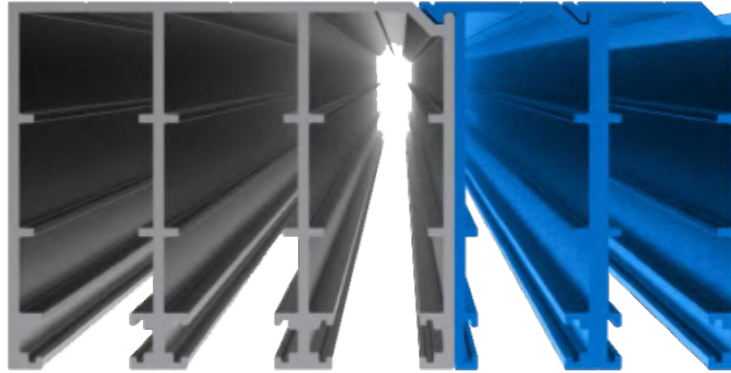


SGL 1116 system extensions

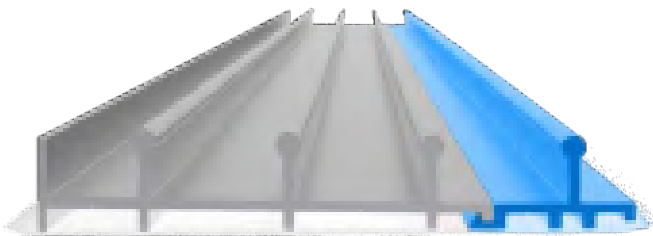
Top guide rail profile with an additional track.



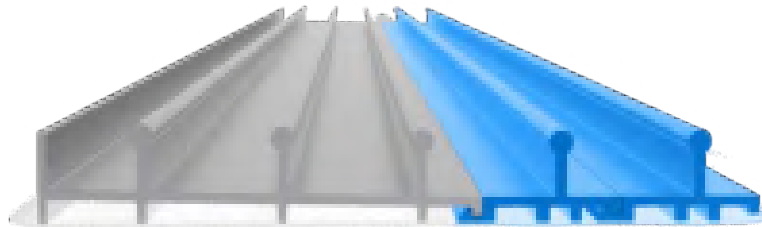
Top guide rail profile with two additional tracks.



Bottom guide rail profile with an additional track.



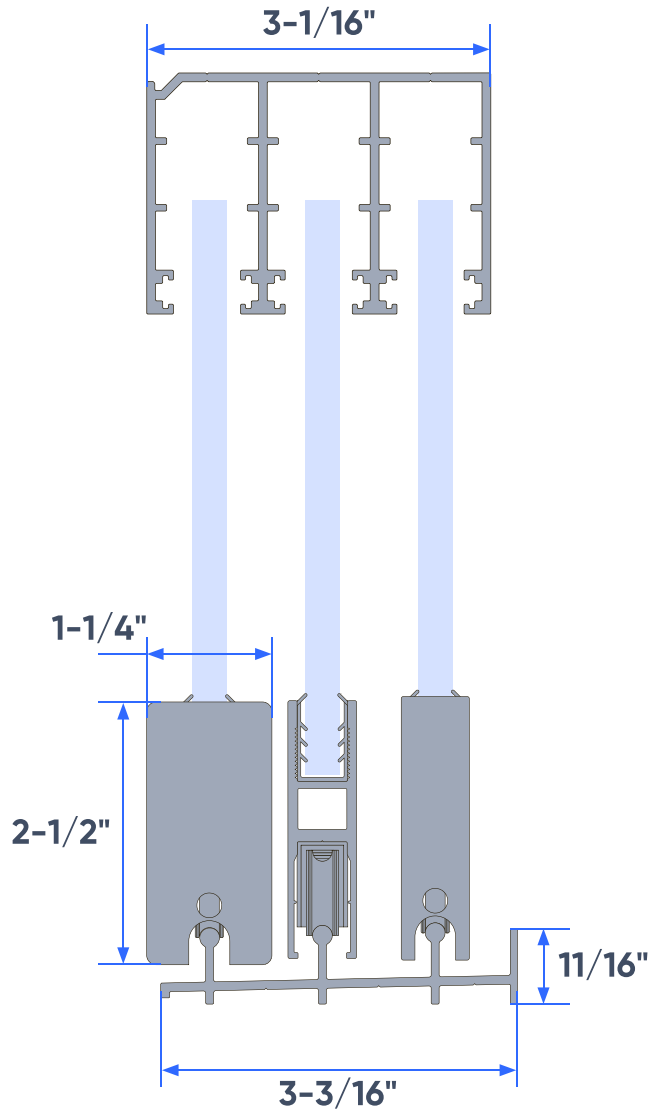
Bottom guide rail profile with two additional tracks.



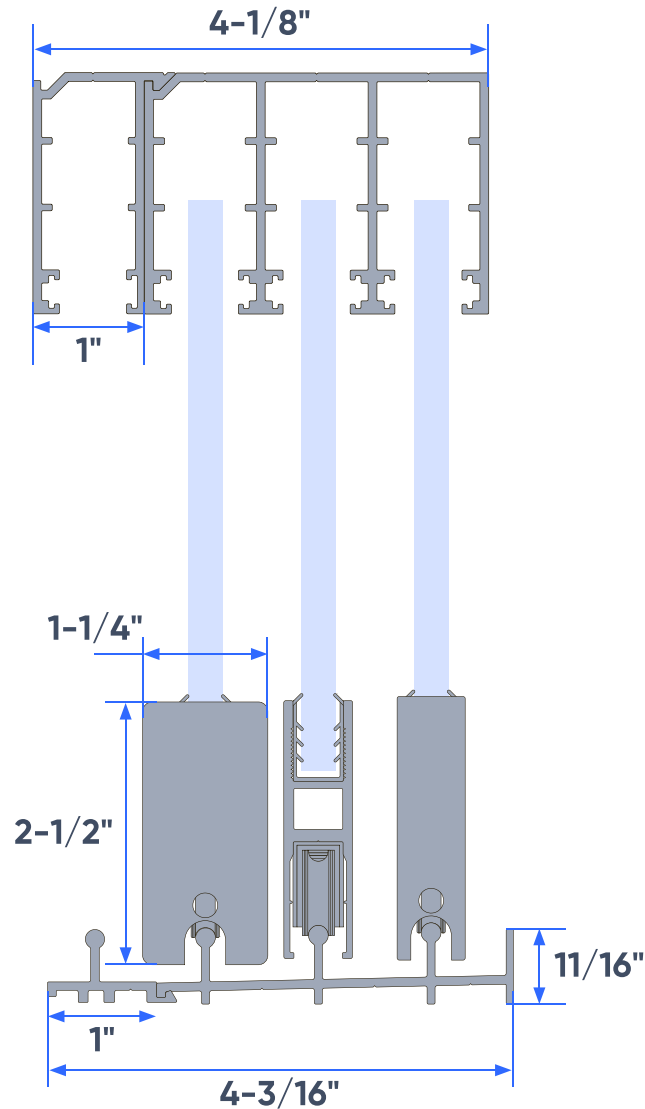
The number of guide profiles can be easily increased using individual modules

SGL 1116 system extensions

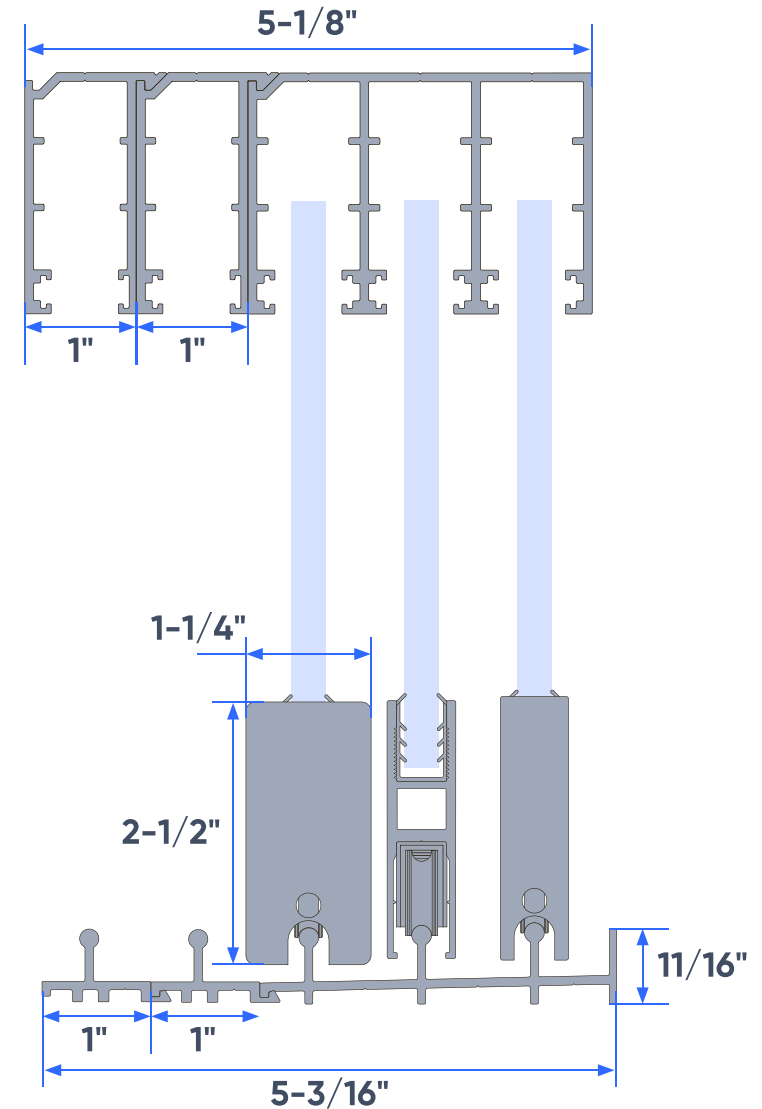
System without guide profile extensions



System with one guide profile extension



System with two guide profile extensions



Installation of the recessed bottom guide profile

Required space for mounting the bottom guide profile



Required space for mounting the bottom guide profile **with an extension**



Slide rollers



Slide CRD006P system rollers

The rollers are installed using a special template for each panel at equal distance from the edges of the glass panel.

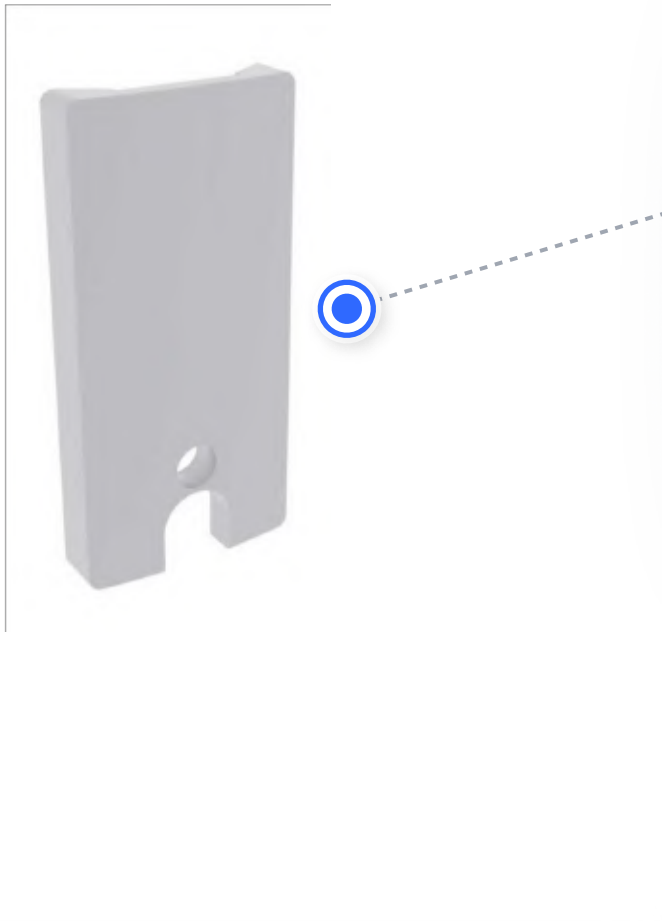
The rollers can withstand loads of up to **331 lbs per panel**.

The body of the roller and the adjusting screw are made of stainless steel while the bearings are made of polyacetal.

These can adjust the height of the panel by raising or lowering the glass panel by 3/16"



Panel retention pad



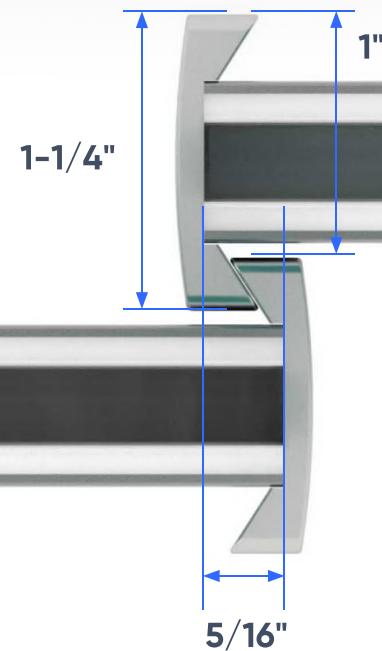
SLIDE CRD208 panel retention pad

Allows for a reliable grip between glass panels to ensure the correct functioning of the system.

It is installed on the end of a glass panel using a special template.

Made from high-strength material

✓ ZA - zinc-aluminum alloy.



Hole milling template

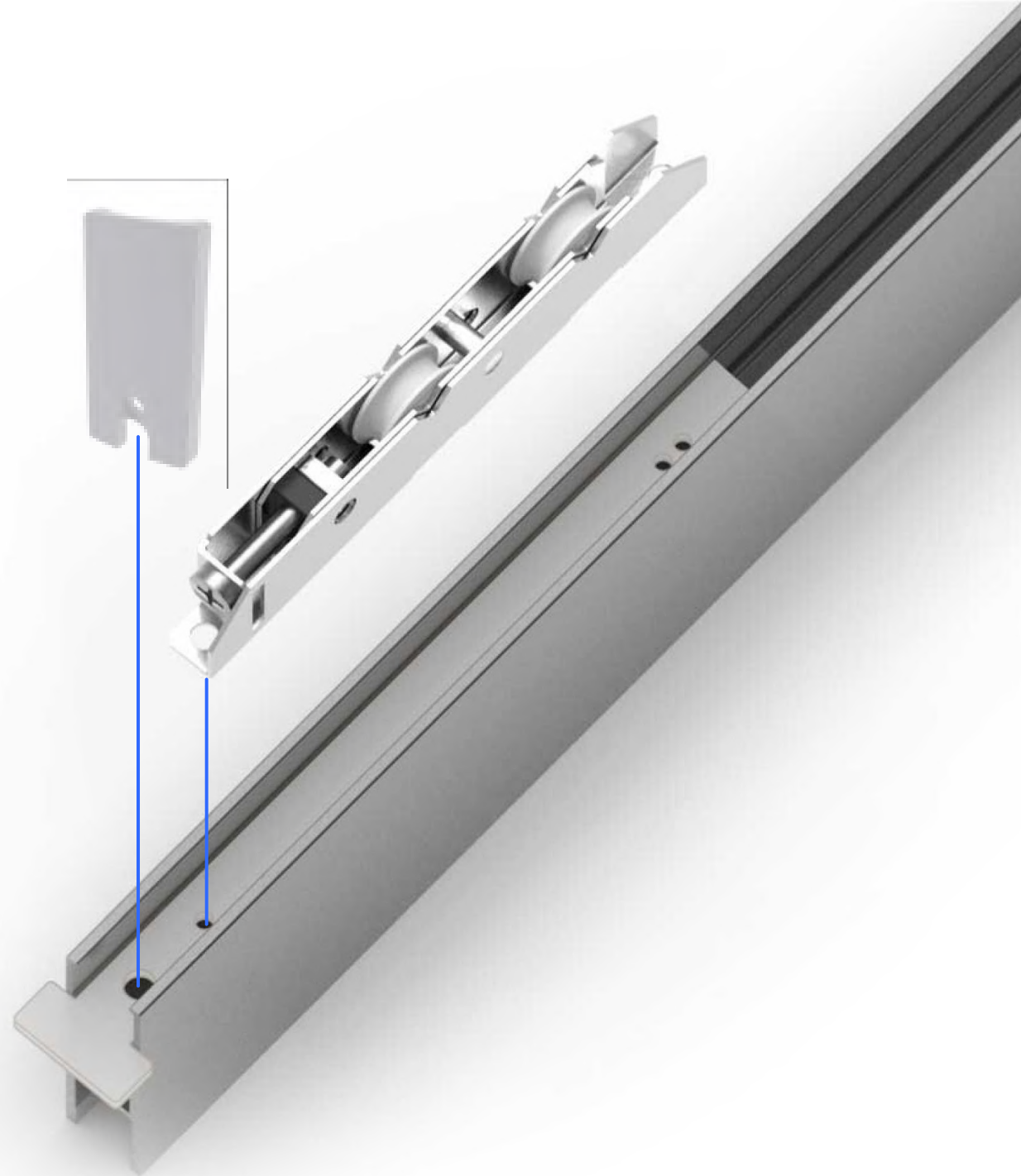


SLIDE CRD035 hole milling template

This metal template for roller and side plug fixation allows you to quickly and efficiently install components of the system.

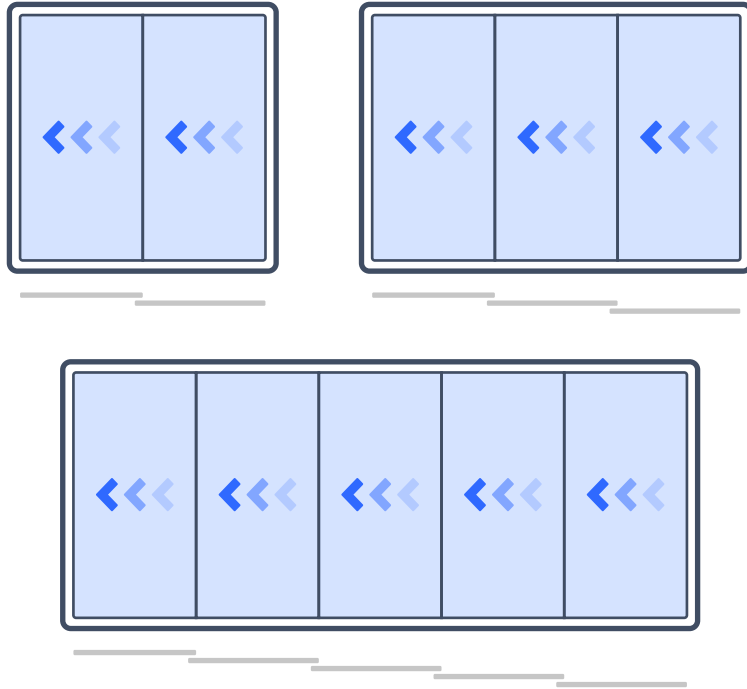
It helps install fittings without additional measurements and reduces installation and adjustment time.

It allows for easier replacement of components during warranty and post-warranty servicing and repairs.

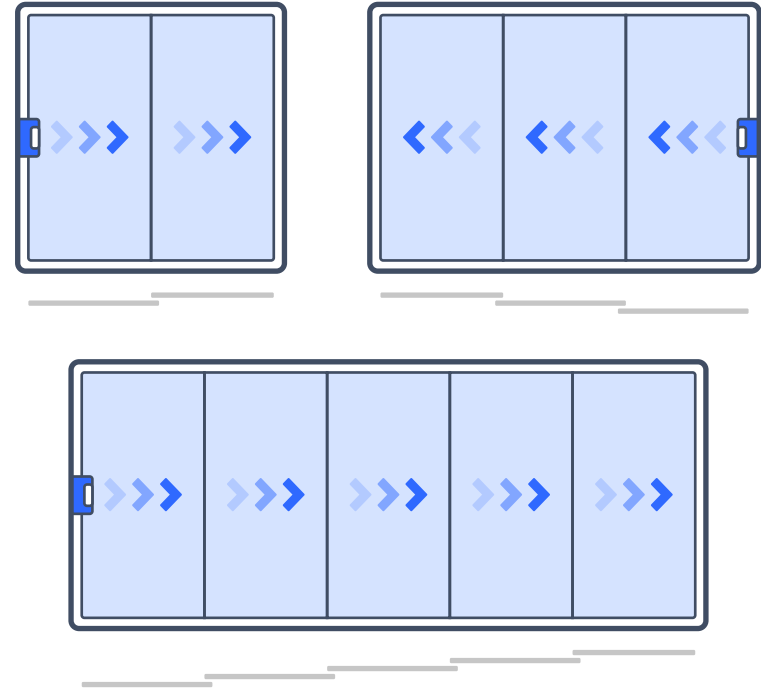


SGL 1116 system configuration

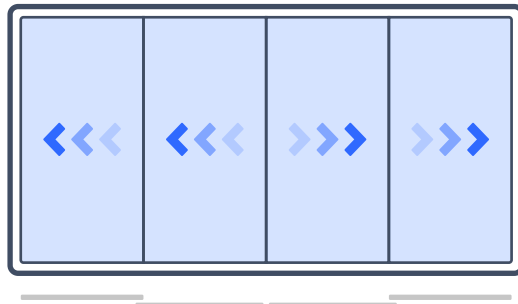
Side opening



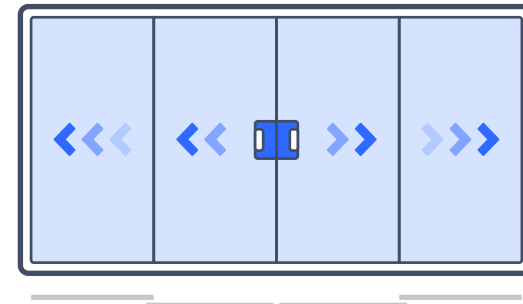
Side opening with a safety lock



Center opening

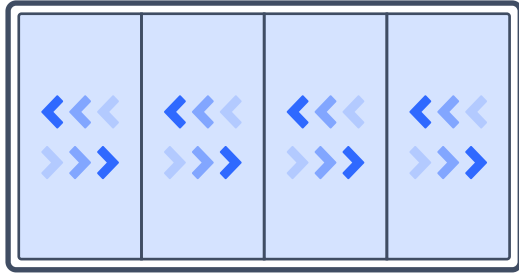


Center opening with a safety lock

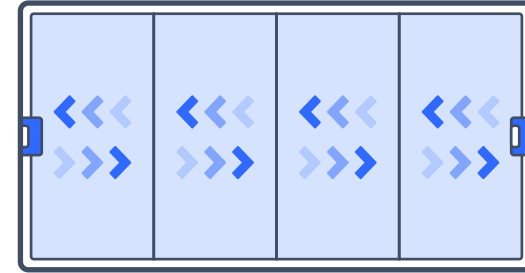


SGL 1116 system configuration

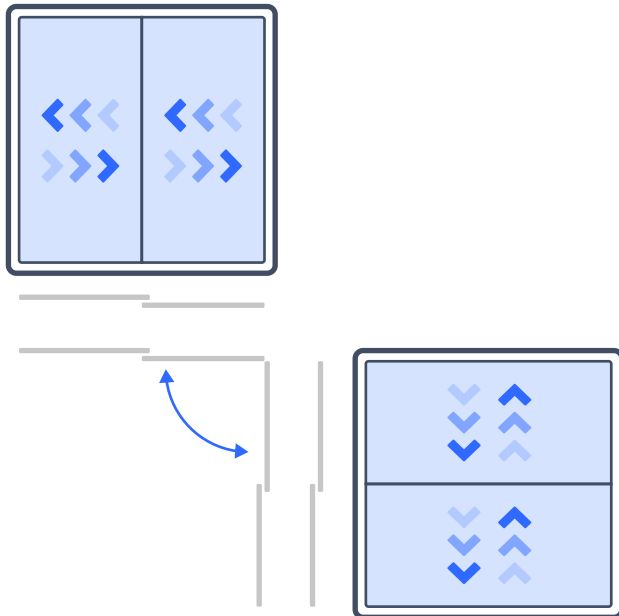
Side opening to left and right



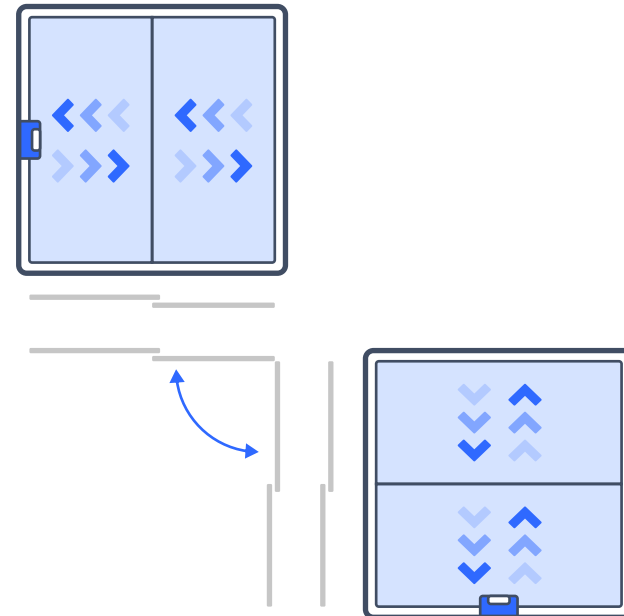
Side opening to left and right with a safety lock



Center opening with a corner connection



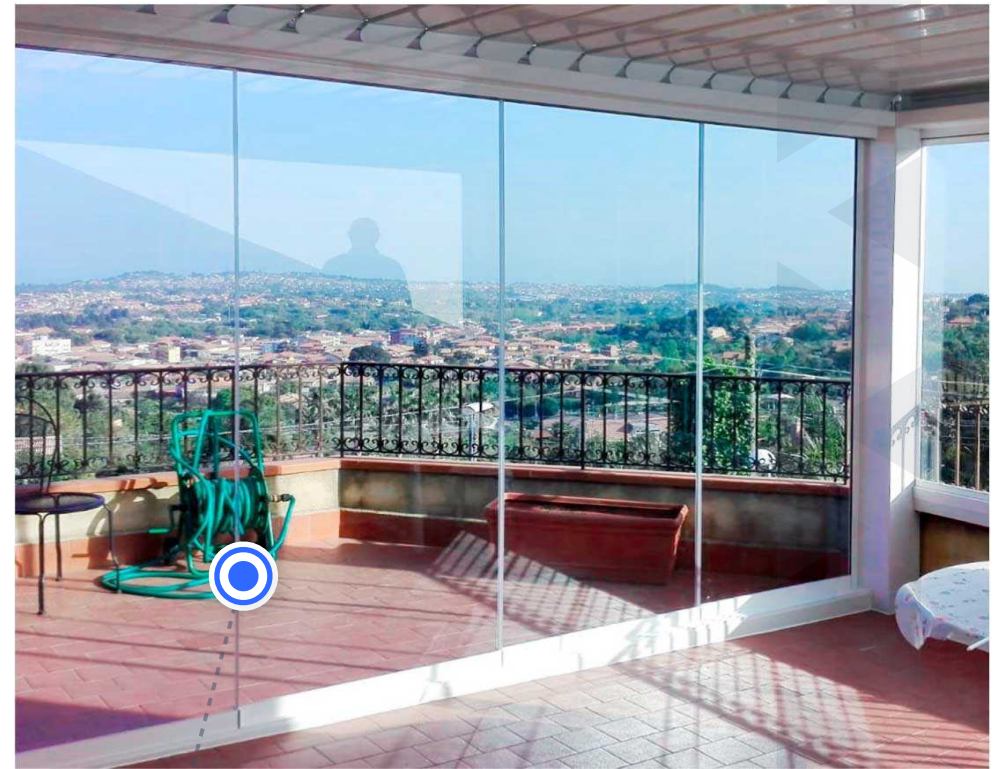
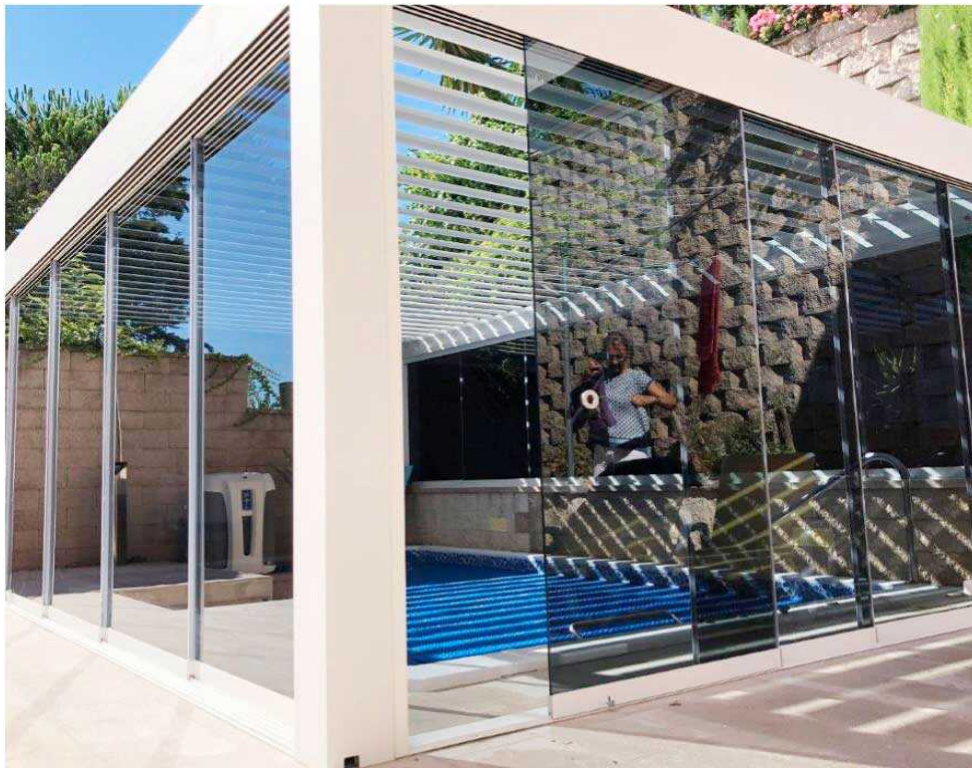
Center opening with a safety lock and a corner connection



SGL 1116 glass

Glass personalization options

- ◆ tinted glass
- ◆ glass with a sandblasted pattern
- ◆ glass tinted using reflective or solar control and Low-E glass

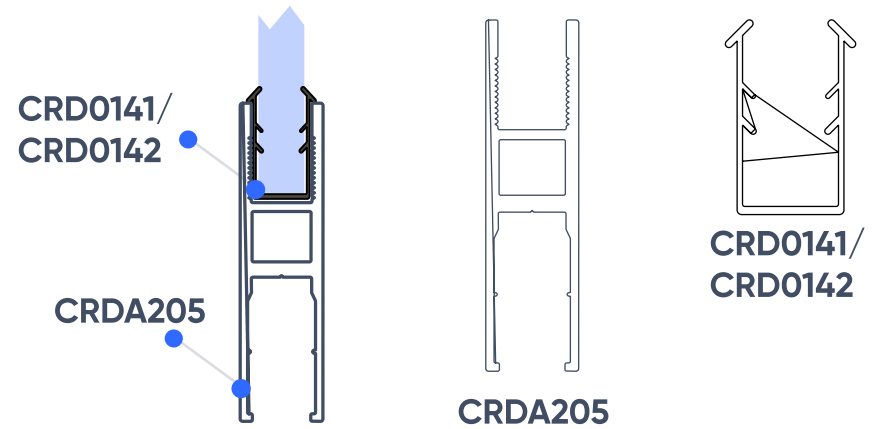


Depending on the desired height of the structure, it is possible to use **3/8" and 1/2"** thick tempered and laminated glass.

SGL 1116 glass installation

01

Maximum system height
with 3/8" glass - 108"



02

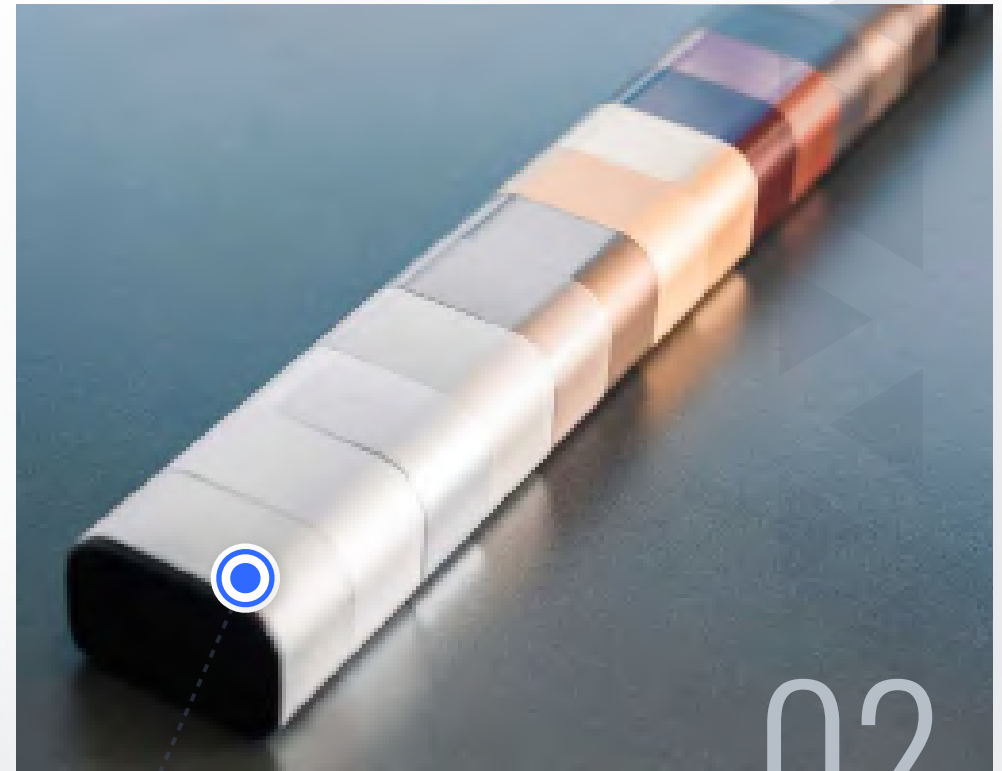
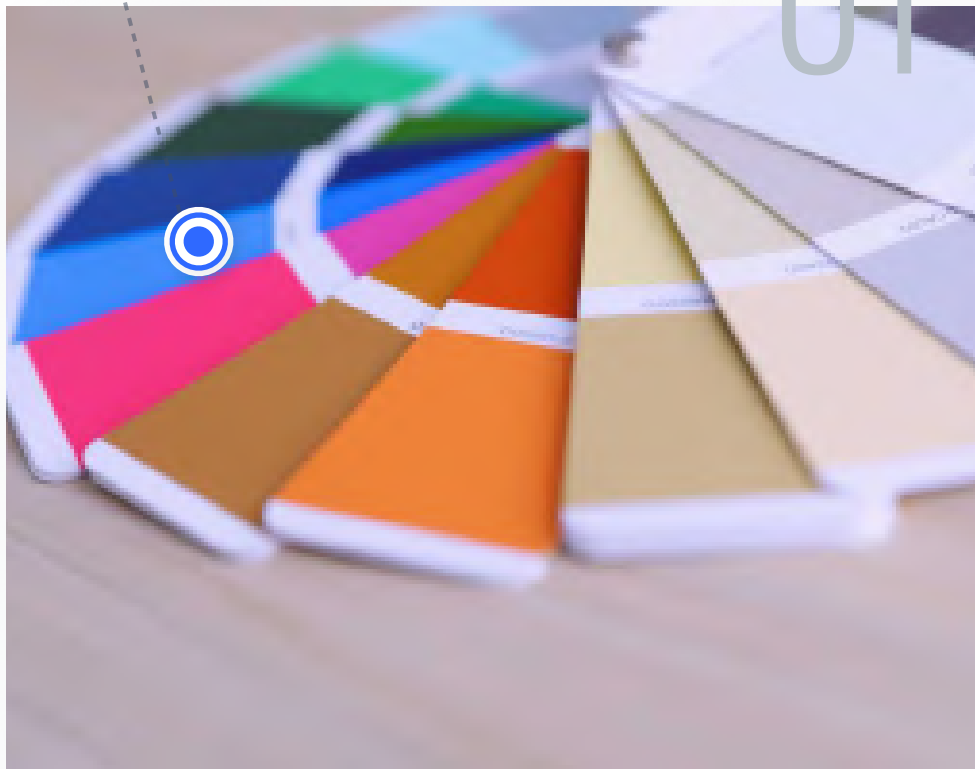
Maximum system height
with 1/2" glass - 120"



SGL 1116 system personalization

01. Powder coating

Powder coating of aluminum profiles in any color according to the international RAL catalog.

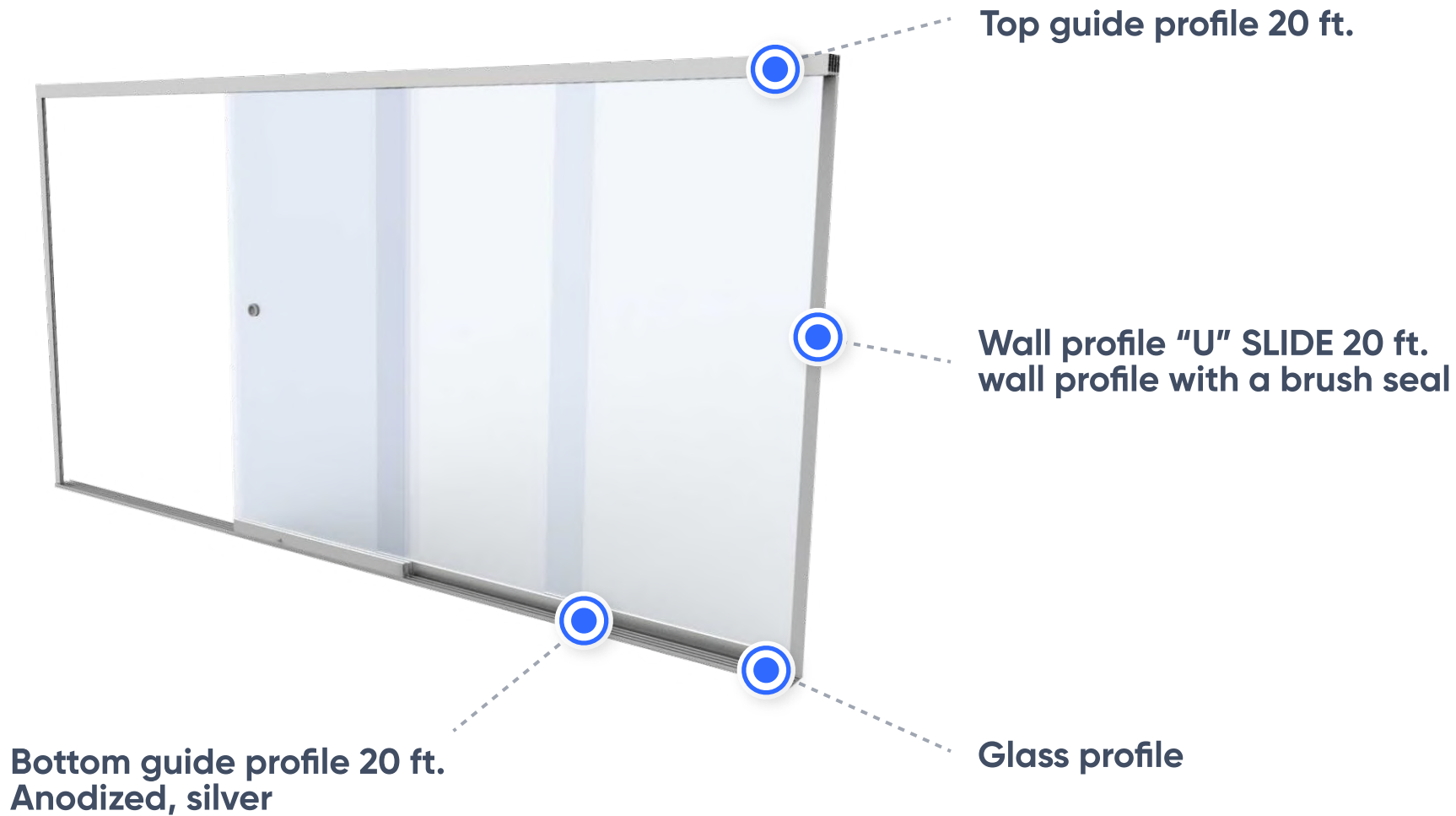


02. Anodizing

The anodizing technique can be used to paint profiles in different colors and create matte, glossy, and extra glossy surfaces using different processing methods.

The standard thickness of anodized coating is 15 - 20 microns.

Standard SGL 1116 system hardware package



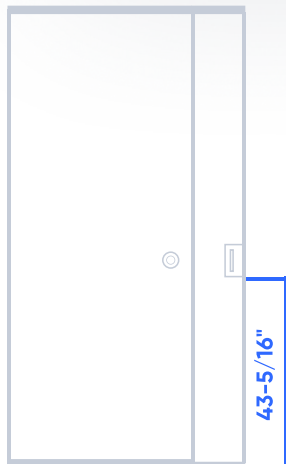
ATTENTION: We don't recommended powder coating the lower guide profile. The system warranty does not cover the powder coated finish.



Selection of additional parts and accessories



Additional accessories



Door fitting installation

A safety lock and a metal knob are installed at a height of **43-5/16"**

When using different types of safety locks or knobs, the width of the door panel varies:

- ◆ metal knob (CRD028) - no need to increase the size of the door panel.
- ◆ standard lock (CRD016) - the width of the door is increased by **4-5/16"**
- ◆ premium lock (CRD062) - the width of the door is increased by **4-5/16"**
- ◆ locks from other manufacturers - the width of the door panel is calculated individually for each model.

Additional accessories

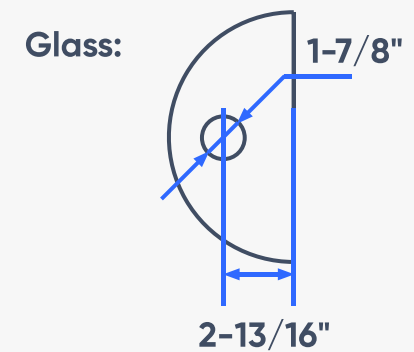
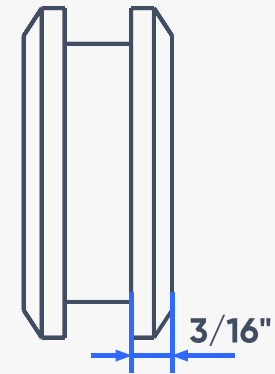
Built-in double-sided metal knob CRD025K

Made from stainless steel and allows for comfortable opening and closing of the door.

A cut-out in the glass is required.



SLIDE CRD025K double-sided door knob



Additional lock types

01



CRD0016 satin matte lock

Dimensions: 5-7/8" x 4-5/16" x 2-3/8"

Finish: Brushed, satin-finished stainless steel

Glass: 3/8"; 1/2"

Cylinder on both sides: Yes

- ◆ Stainless steel hardware
- ◆ Decorative matte satin covers
- ◆ Cylinder on both sides
- ◆ Includes a corresponding wall plate in side lock configurations

02



CRD062 premium anodized lock

Dimensions: 6-1/8" x 4-5/16" x 2-7/16"

Finish: Anodized aluminum

Glass: 3/8"

Cylinder on both sides: Yes

- ◆ Stainless steel hardware
- ◆ Decorative covers in brushed stainless steel finish
- ◆ Cylinder on both sides
- ◆ Includes a corresponding wall plate in side lock configurations

Wall lock plate



CRD086 Wall lock plate

The plate is made of stainless steel and is used for systems with side opening and a safety lock with a key. The decorative element is installed between two sections of the U profile and is fully customizable to match the color of the structure.

Recommended for use with CRD016 and CRD062 safety padlocks.

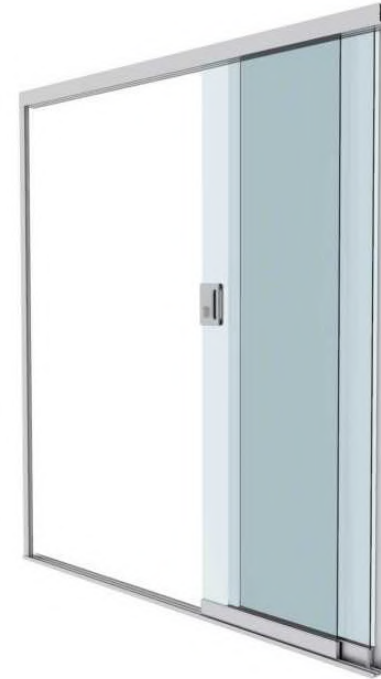


Wall lock plate



System with equal panels

When the door is open, the panel with the lock does not slide completely behind the fixed panel, but stops at a distance equal to the width of the lock.

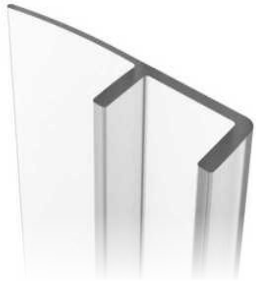


System with a wider door panel

When the door is open, all panels are moved completely behind the fixed door panel.

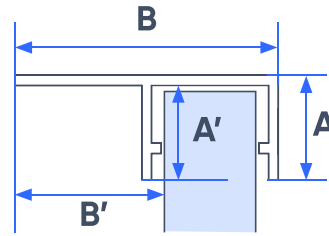
When the door is closed, the door panel is visually wider than the rest.

SGL 1116 Glass-to-glass seals



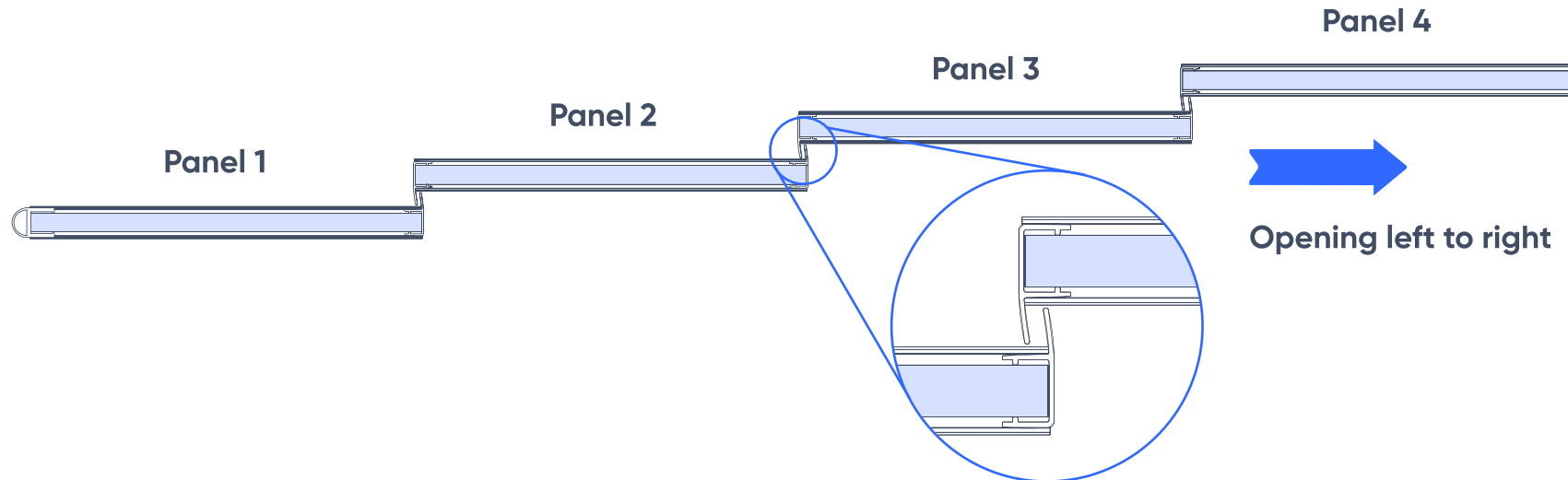
Standard seal

A standard seal is installed between the panels ensuring maximum airtightness of the system.



Glass	3/8"	1/2"
Part number	CRD210	CRD012
A'/A	3/8" / 25/64"	3/8" / 25/64"
B'/B	7/16" / 7/8"	9/16" / 1-1/16"
Length	122"	122"

Side opening



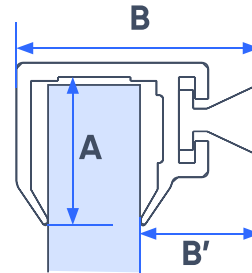
Opening left to right

SGL 1116 Glass-to-glass seals



Seal with a **grey** brush

Installed between the panels, ensuring silent movement of the door panels.

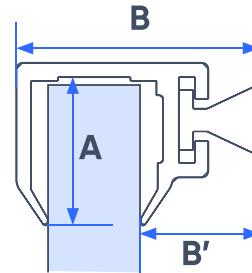


Glass	3/8"	1/2"
Part number	CRD310G	-
A	1/2"	-
B'/B	5/16" / 13/16"	-
Length	122"	-



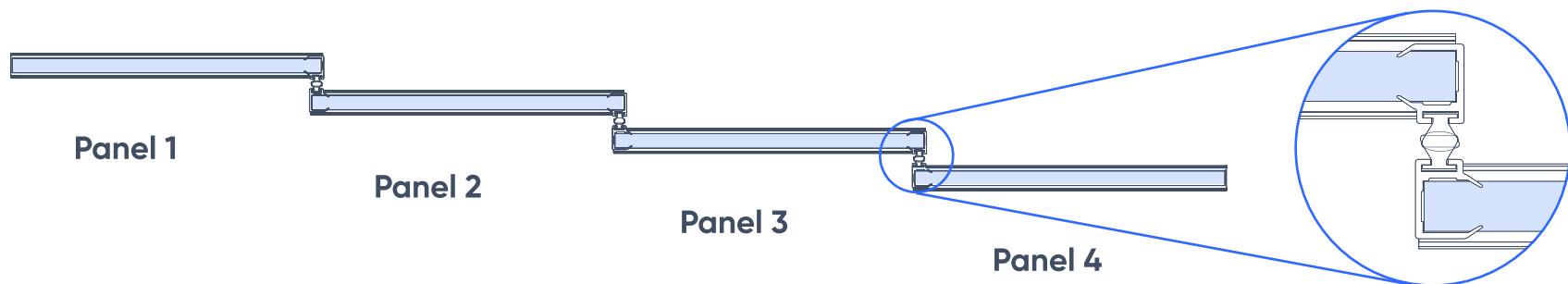
Seal with a **black** brush

Installed between the panels, ensuring silent movement of the door panels.



Glass	3/8"	1/2"
Part number	CRD310N	-
A	1/2"	-
B'/B	5/16" / 13/16"	-
Length	122"	-

Side opening

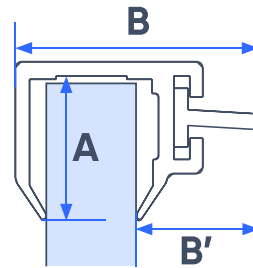


SGL 1116 Glass-to-glass seals



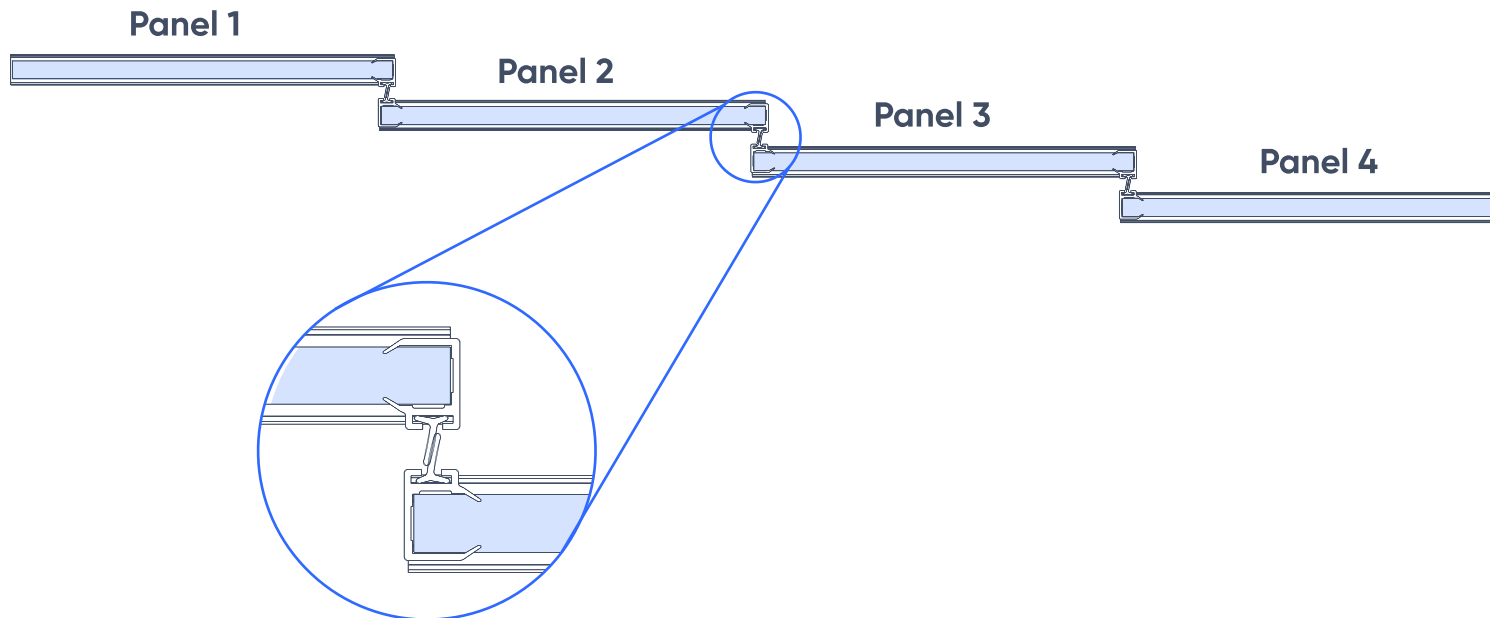
Seal with a **soft insert**

Installed between the panels, ensuring silent movement of the door panels.



Glass	3/8"	1/2"
Part number	CRD310T	-
A	1/2"	-
B'/B	7/16" / 7/8"	-
Length	122"	-

Side opening

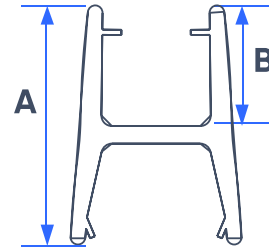


SGL 1116 Glass-to-glass seals



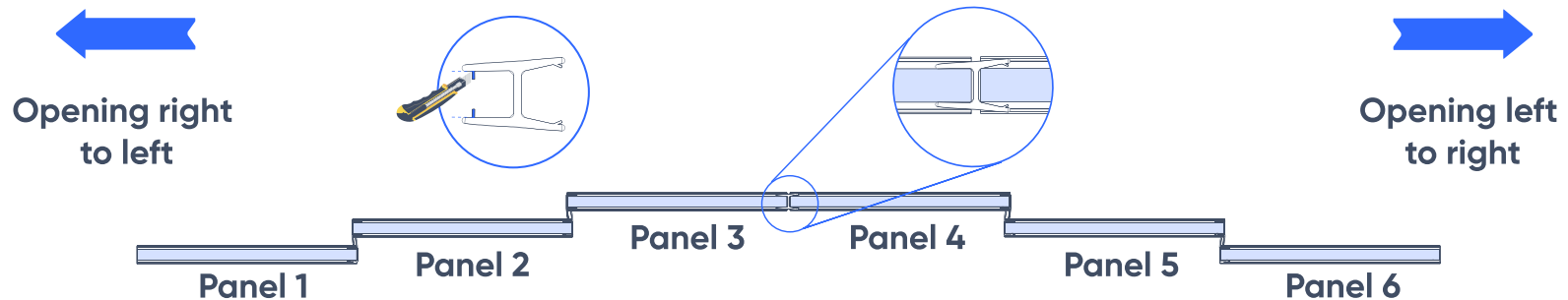
'H' rigid seal

Installed on the door panel in the configuration with center opening, ensuring airtightness and wind resistance.

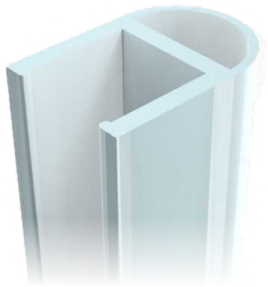


Glass	3/8"	1/2"
Part number	SIS018	SIS100
A'/A	7/8"	7/8"
B	7/16"	7/16"
Length	122"	122"

Center opening

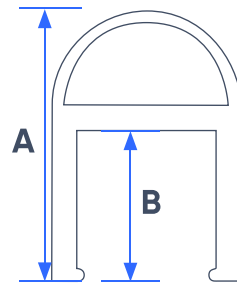


SGL 1116 Glass-to-glass seals



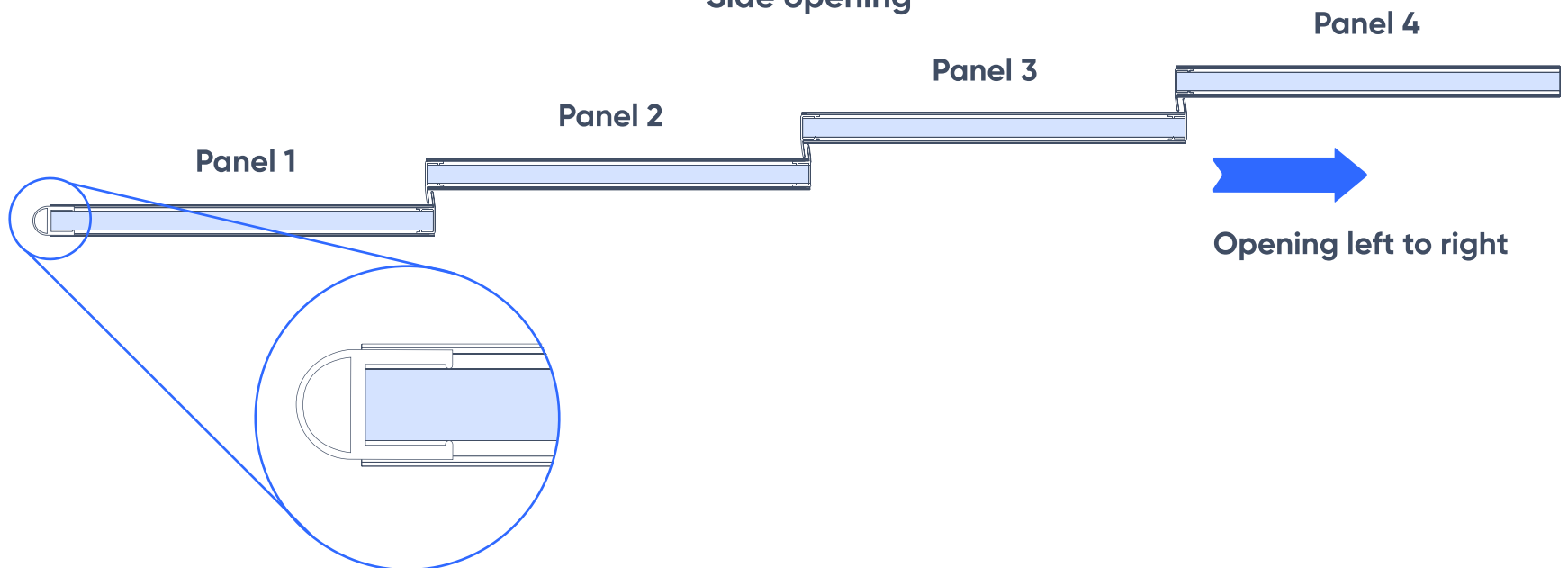
'A' seal

Used in conjunction with a security lock in side panel opening configurations where no lock wall plate is used.

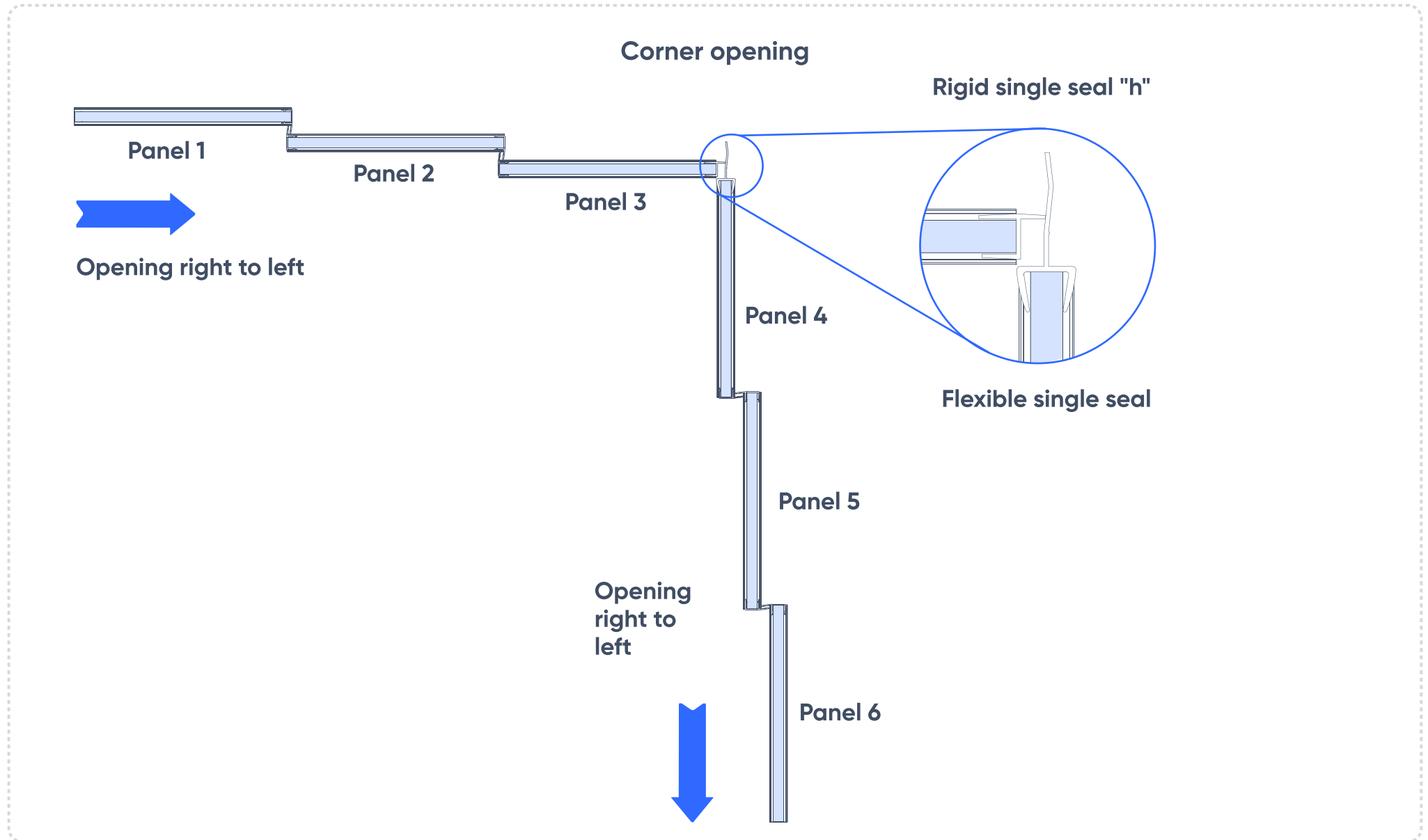


Glass	3/8"	1/2"
Part number	SIS019	-
A	13/16"	-
B'/B	1/2"	-
Length	122"	-

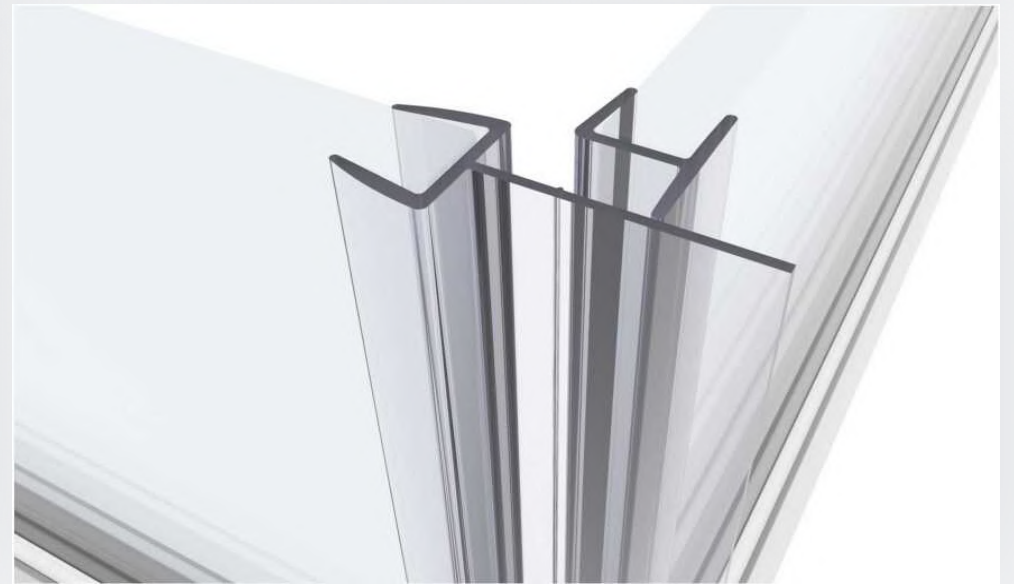
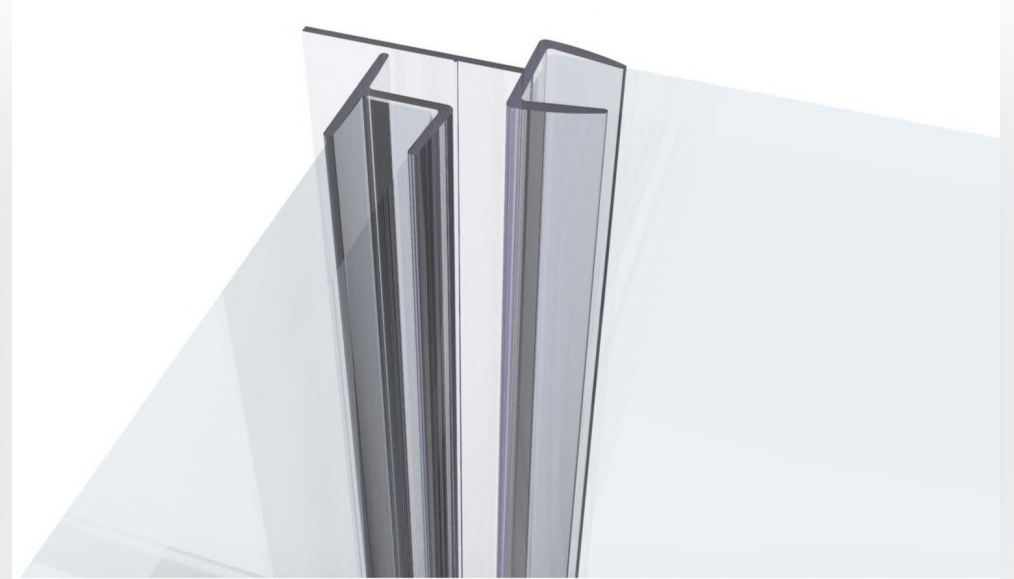
Side opening



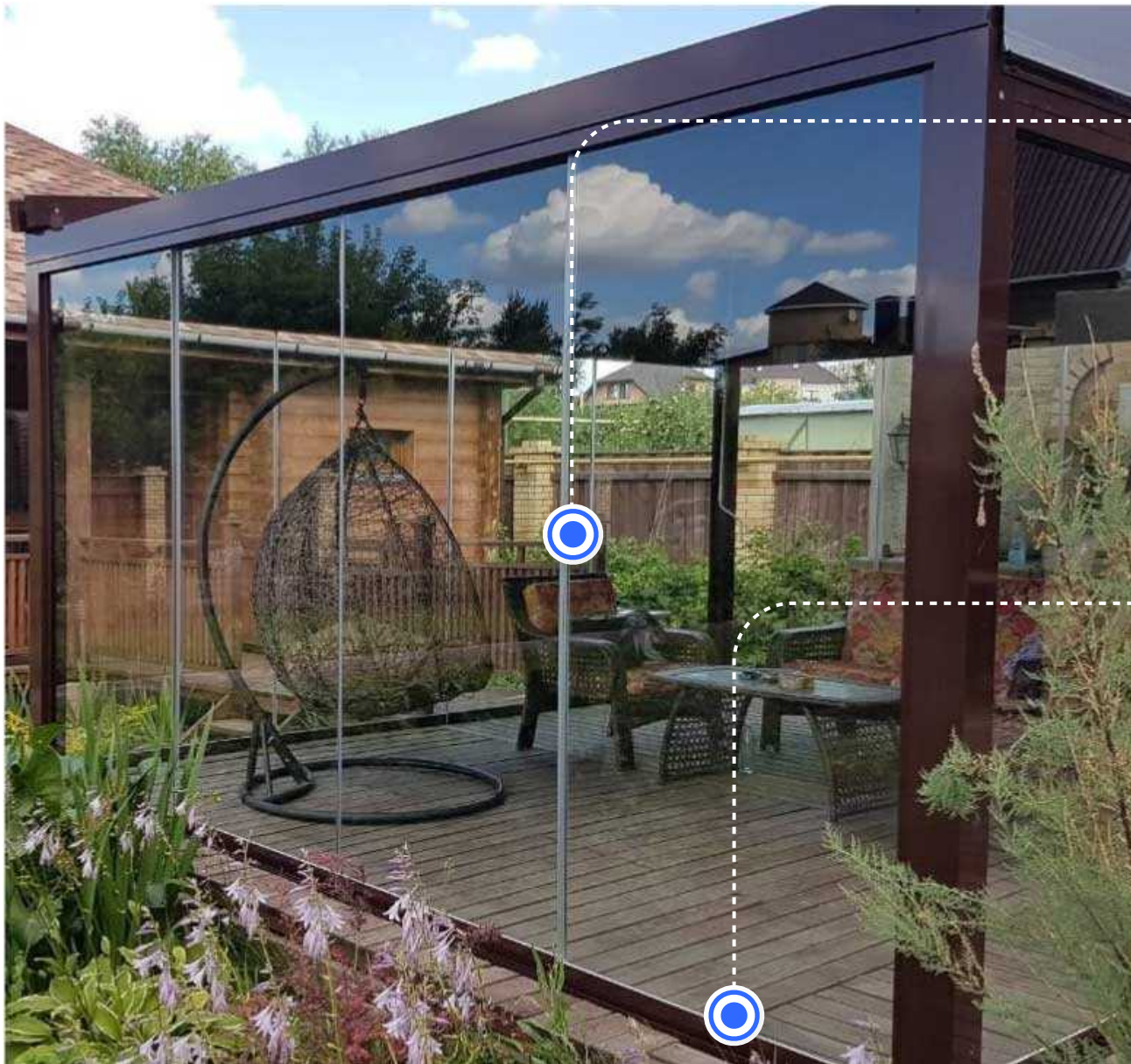
SGL 1116 Glass-to-glass seals



SGL 1116 Glass-to-glass seals



SGL 1116 system personalization



Brush seal

Ensures quiet system operation and air insulation between the glass panels and top guide rail.



Grey

Rubber gasket

The rubber gasket is made from flexible and durable PVC and allows to securely fix the glass panels in the glass profile without glue.



Grey

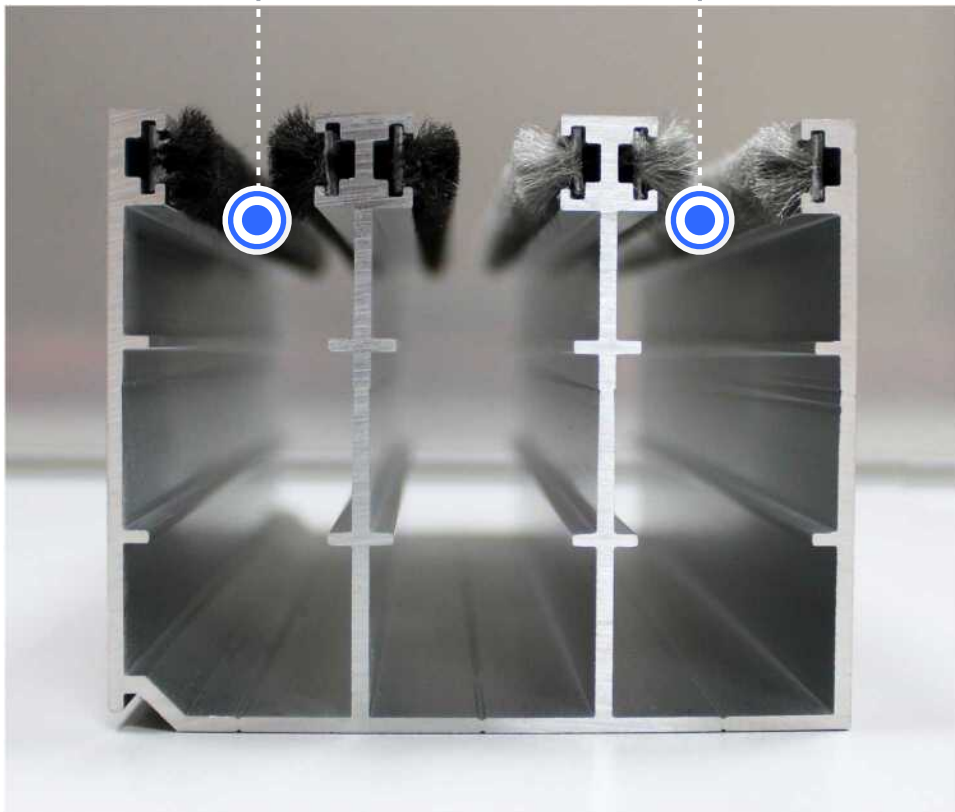
SGL 1116 brush seal

Black brush seal

Grey brush seal

CRD0097
CRD0095

CRD0097
CRD0095



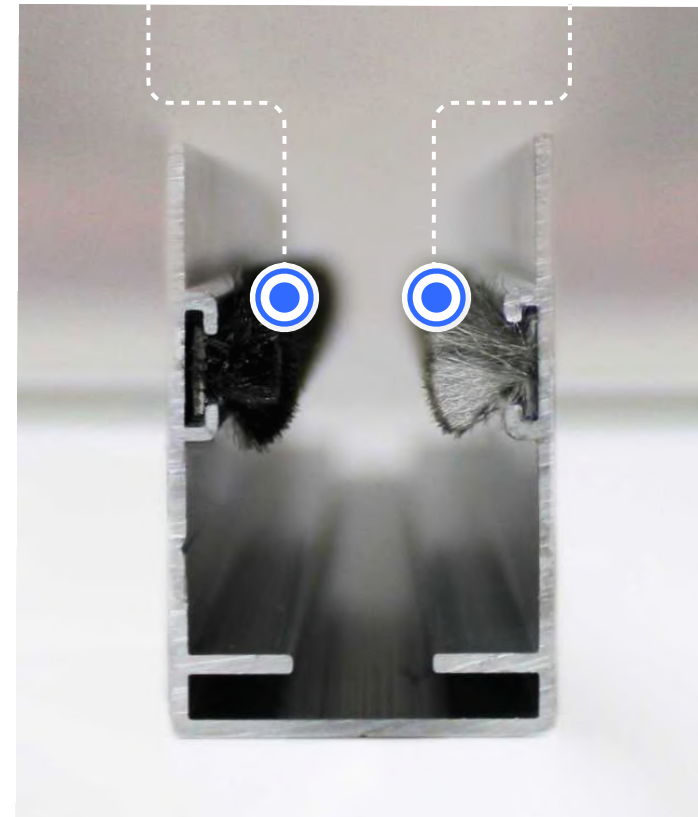
Top guide profile

Black brush seal

Grey brush seal

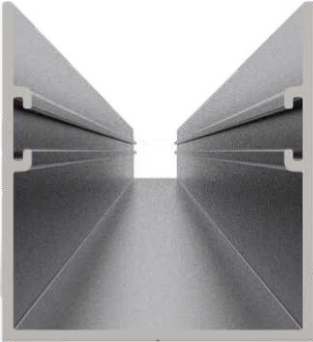
CRD0097

SIS004



'U' wall profile

SGL 1116 system connection

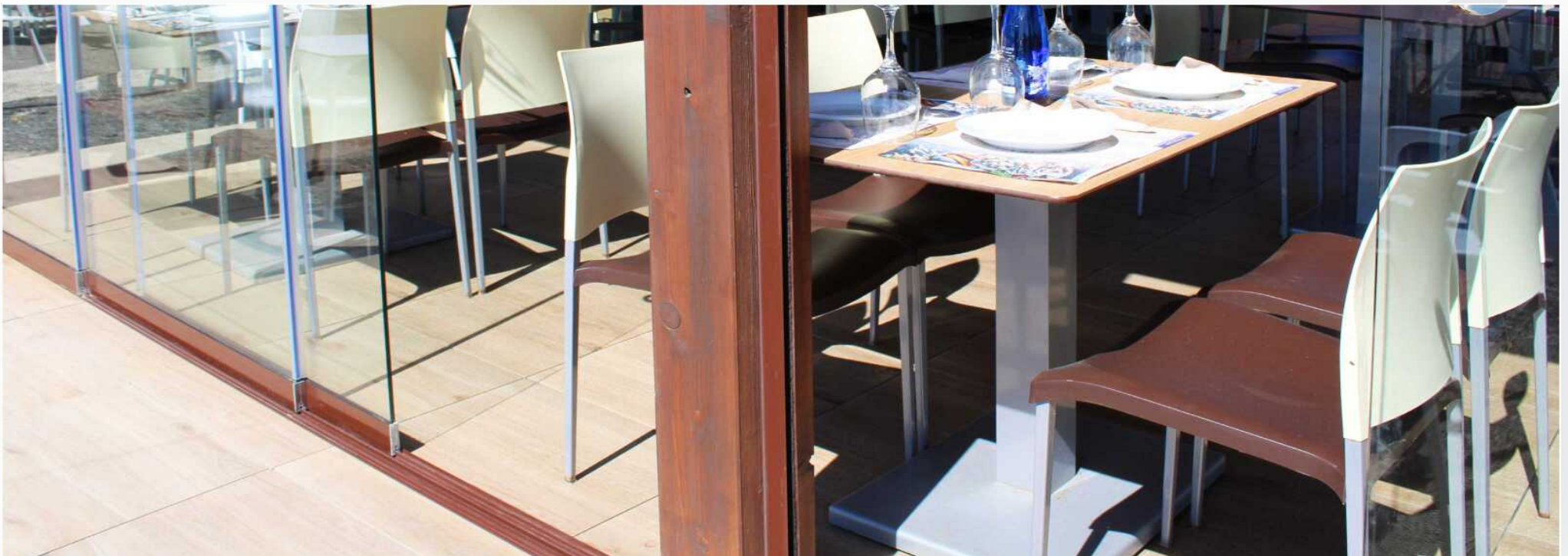


CRDA006 'U' wall profile

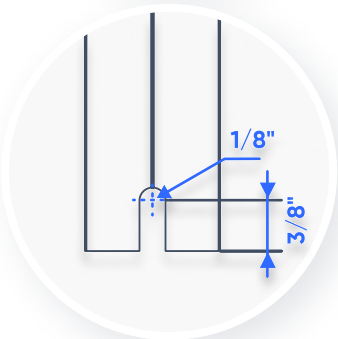
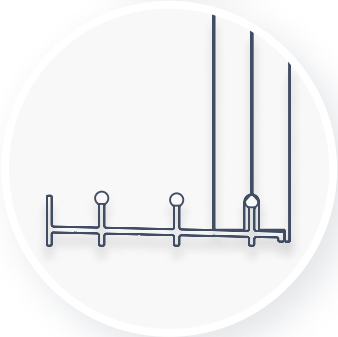
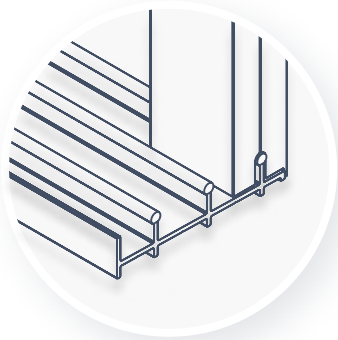
The vertical U wall profile with a brush seal is installed on both sides of the door opening, increasing airtightness and wind resistance.

The profile is included by default, giving the system a finished look.

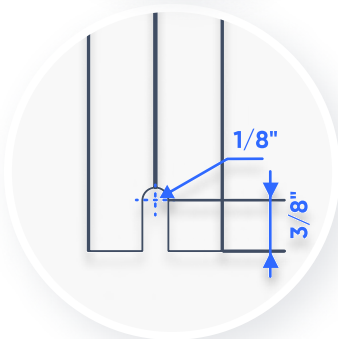
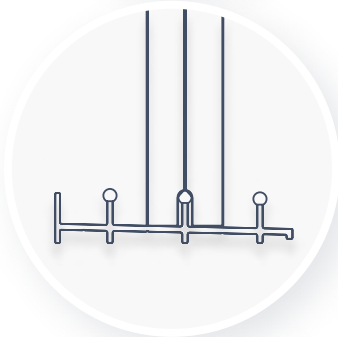
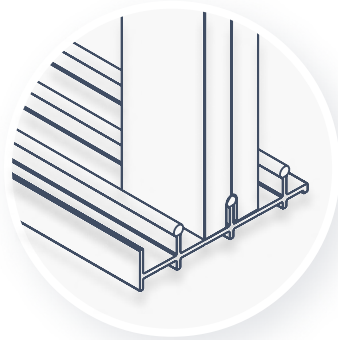
The profile is fully integrated into the opening and can be customized to match the color of the system.



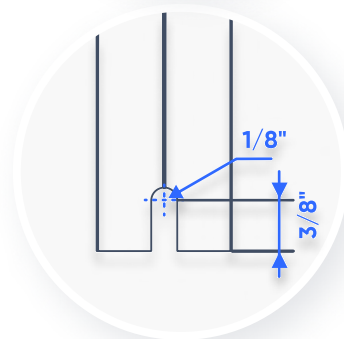
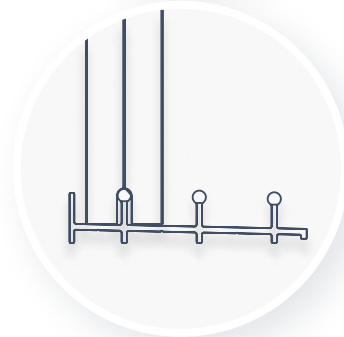
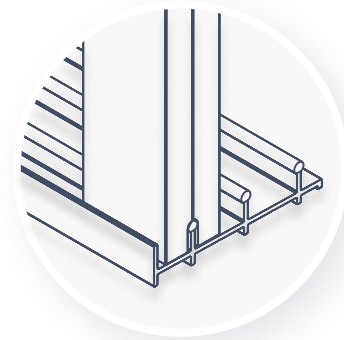
"U" profile positioning in SGL 1116 system



**Bottom guide
profile - outer track**

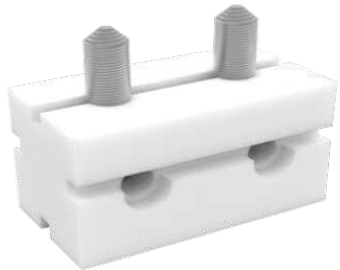


**Bottom guide
profile - center track**



**Bottom guide
profile - inner track**

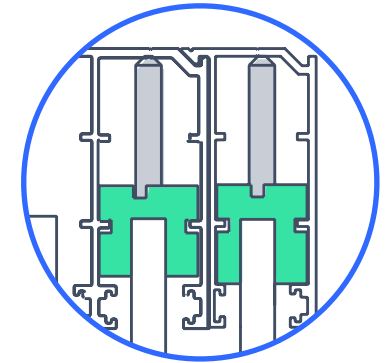
SGL 1116 system stops



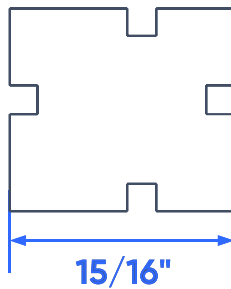
CRD216 standard stop

The stop ensures maximum safety by blocking the door panels and preventing their unwanted movement.

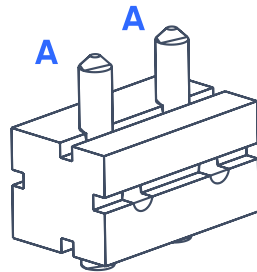
The part is made from stainless steel and polyamide



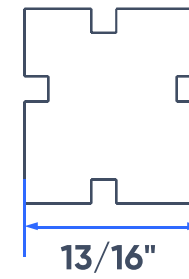
For the top
guide profile



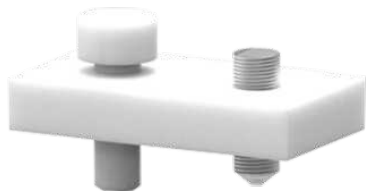
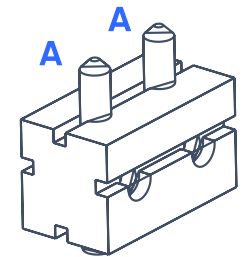
15/16"



For the top guide
profile extension



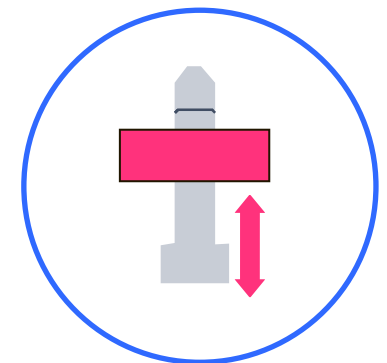
13/16"



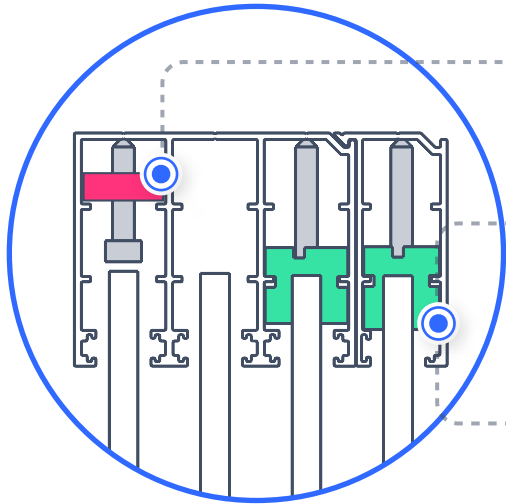
CRD217 security stop

The stop ensures maximum safety by blocking the door panels and preventing unwanted damage and dismantling of the system.

The part is made from stainless steel and polyamide



SGL 1116 system stops



CRD217 security stop

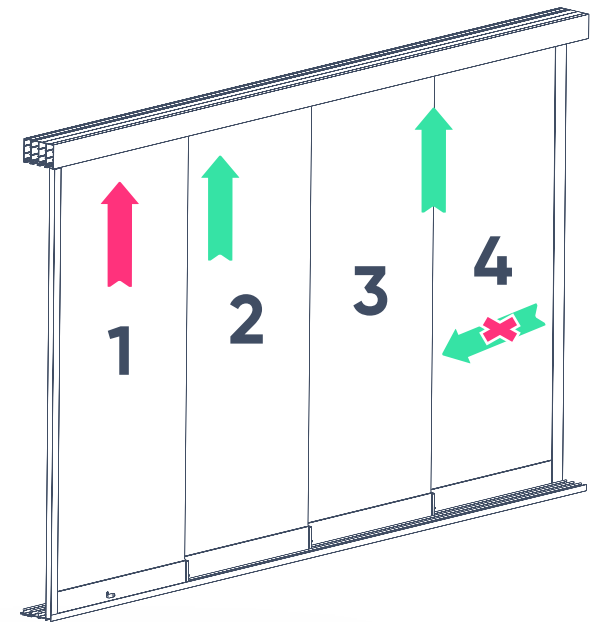
Panel stop in the 'vertical lock' position

Stationary panel

For panel blocking

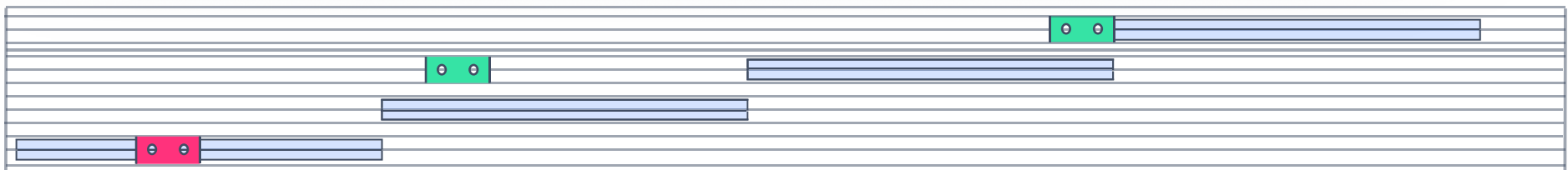
Break position

Panel stop for limiting the range of motion of certain panels.



ATTENTION: The stop position will depend on the gap sizes and customer requirements.

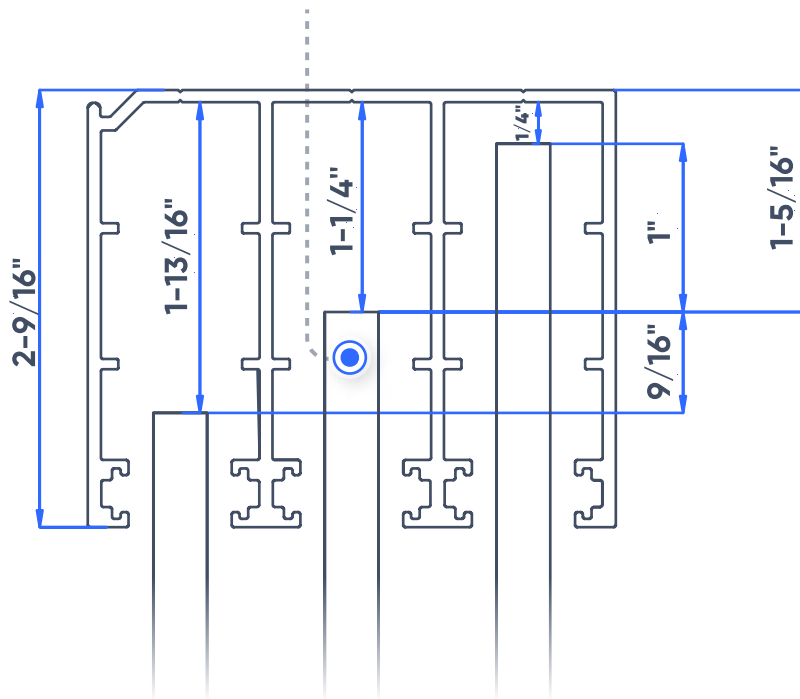
Outer side



Inner side

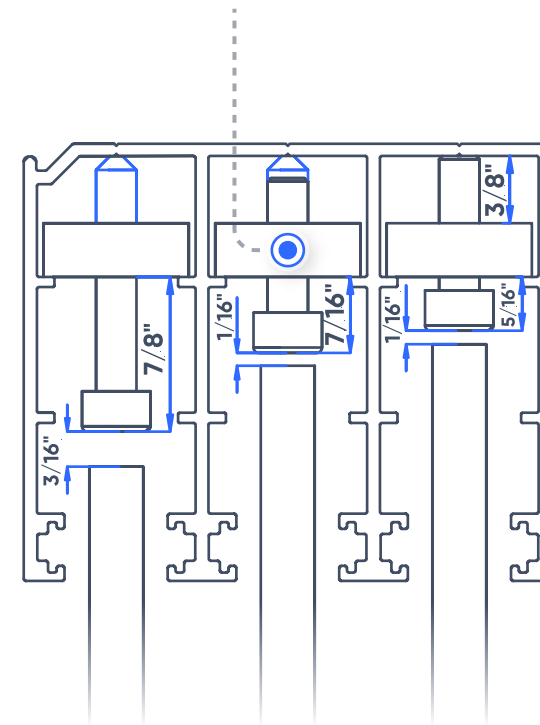
SGL 1116 system stops

Standard gap between the glass and the top guide profile calculated in the APPFLEX program.



Possible position of the door panel in the upper guide profile when using a standard stop or no stop

Standard gap between the glass and the stop calculated in the APPFLEX program.



Possible position of the door panel in the upper guide profile when using a security stop

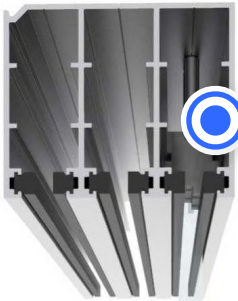
SGL 1116 system stops



SLIDE CRD050 blocking element for fixed panel

The part is made from polyamide and provides maximum security for the installation of fixed panels in the system.

The component is intended for use during installation of fixed panels with non-standard width between 3" to 77" regardless of the height of the system.



Parts used for the installation of one fixed panel:

- ◆ **1 standard stop** installed in the top guide profile to secure the panel in place.
- ◆ **2 blocking elements** installed in the glass profile instead of rollers to evenly distribute the load on the lower guide profile.

ATTENTION: It becomes impossible to adjust the height of the panel when the blocking element is installed.



SGL 1116 MINI system configuration



MINI CRDAI201 bottom guide profile

The height of the Slide Mini bottom guide profile is **3/8"**

Recommended for indoor use as interior rooms, offices and conference rooms partitions, dining room dividers in cafes and restaurants.

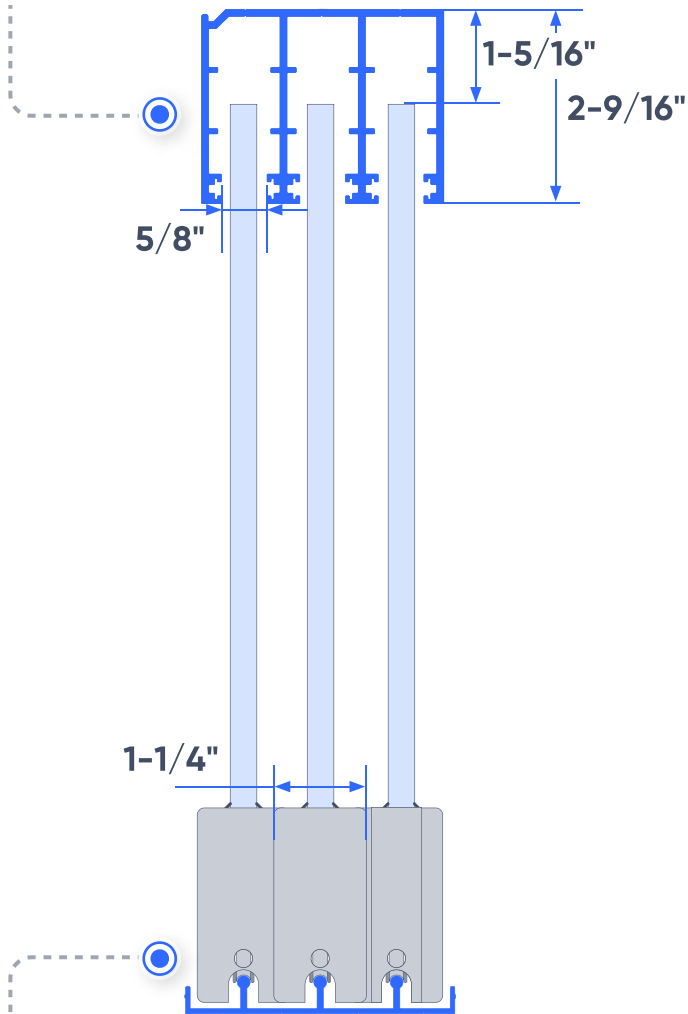
The system is installed in an existing door opening and has the necessary trim on the bottom guide profile to enable installation on all types of flooring.

Specifications

	Slide	Slide MINI
Number of tracks	Unlimited	3 tracks
Floor mounting	Partial	Complete
Drainage holes	✔ Yes	✘ No
Interior partitions	✔ Yes	✔ Yes
Terrace/balcony	✔ Yes	✘ No
Decorative trim	✘ No	✔ Yes

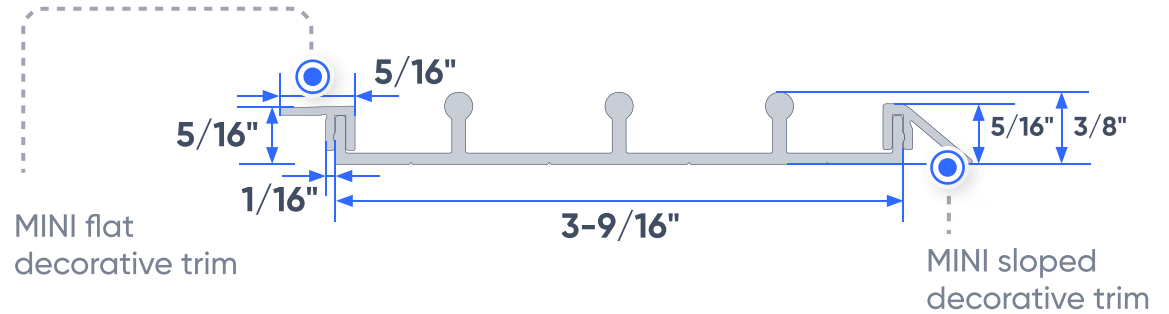
SGL 1116 MINI system configuration

Top guide profile



MINI bottom guide profile

MINI bottom guide profile with decorative trim



Installing the MINI bottom guide profile in the floor



SLIDE MINI bottom guide profile



SLIDE MINI bottom guide profile with flat decorative trims



SLIDE MINI bottom guide profile with flat decorative trim and sloped trim

SGL 1116 MINI system configuration

MINI flat decorative trim

Allows you to install the system flush with the floor and hide uneven sections of the notch when mounting the system.



Optimal for use with the following floor types:

- ◆ Tile
- ◆ Hardwood
- ◆ Terrace board
- ◆ Multilayer linoleum
- ◆ Thick carpet

Sloped decorative trim

The trim gives a finished look to the system when it's not possible to mount the lower guide profile into the floor.



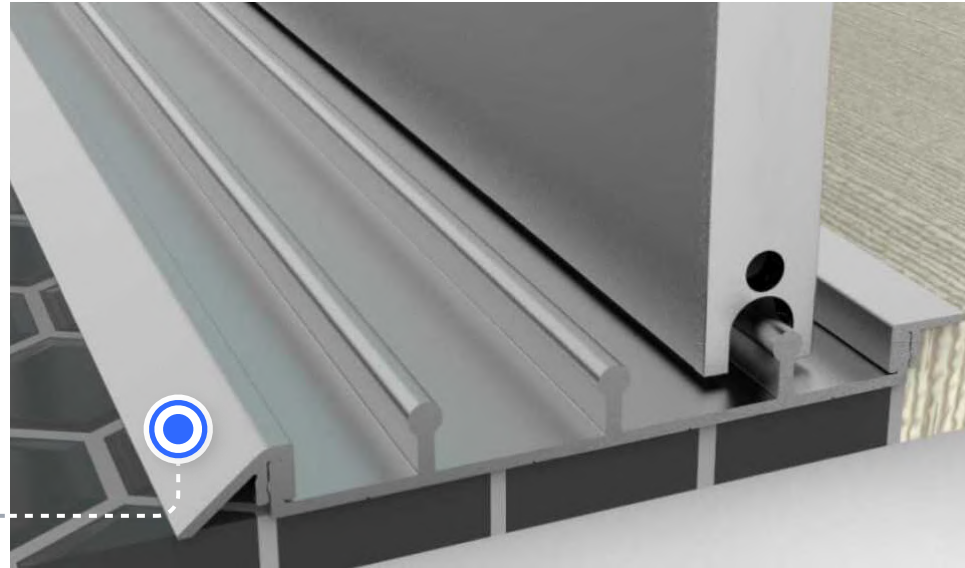
Optimal for use with the following floor types:

- ◆ Thin carpet
- ◆ Thick carpet

SGL 1116 MINI system configuration

Flat decorative trim and sloped trim

The combined use of a flat decorative trim and a sloped trim allows to adapt the system to the floor surface on both sides of the structure.



Optimal for use with the following floor types:

- ◆ Tile
- ◆ Hardwood
- ◆ Terrace board
- ◆ Multilayer linoleum
- ◆ Thick carpet

No trim

The lower guide profile is installed directly on the floor without a trim.



Optimal for use with the following floor types:

- ◆ Tile
- ◆ Concrete
- ◆ Self-leveling floor

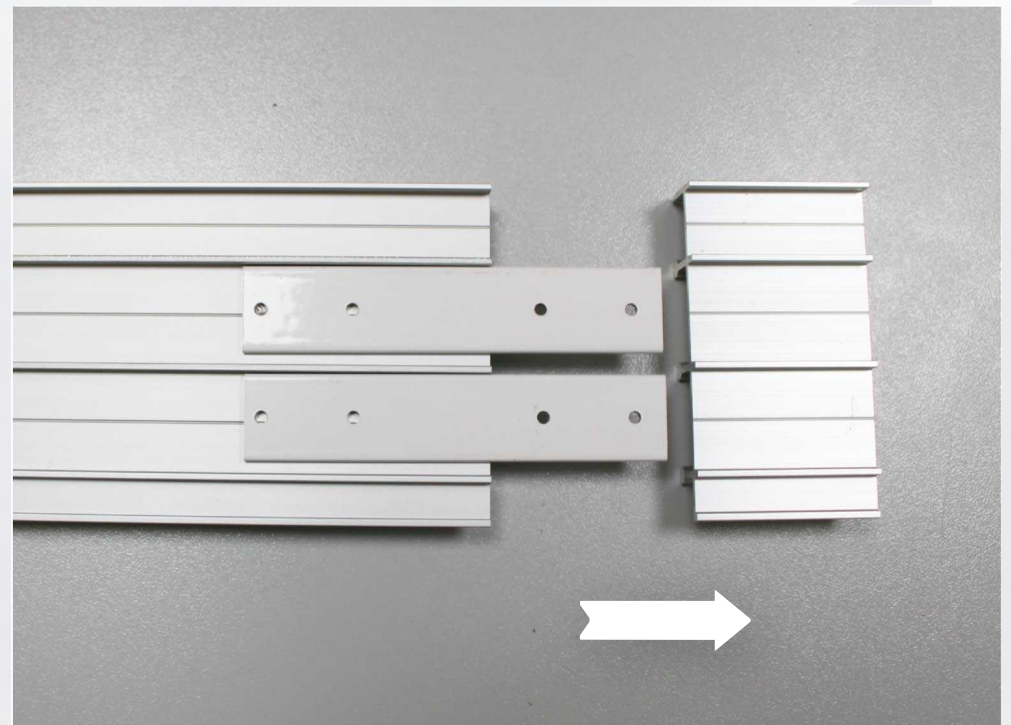
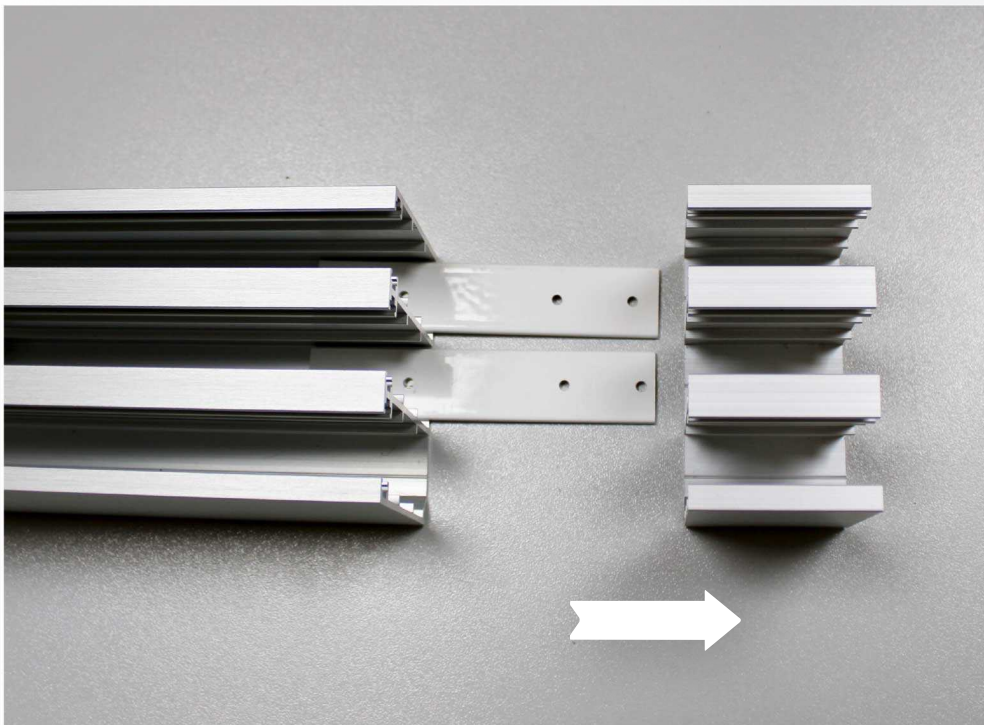
Additional elements of the system

SLIDE CRD029 connecting plate

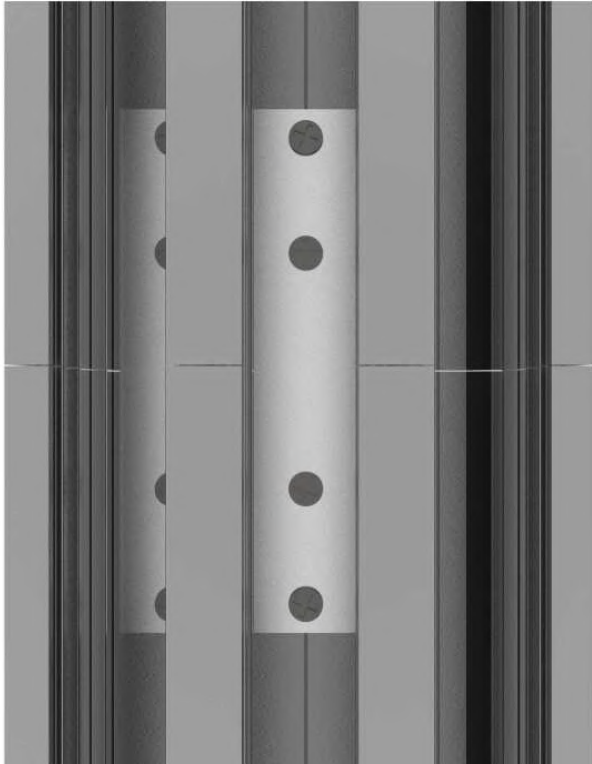
The plate connects two and more parts of the top and bottom guide profiles.

The connecting plate is made from stainless steel, making it particularly durable.

ATTENTION: Connecting plates less than 15 inches long is not recommended.



Additional elements of the system



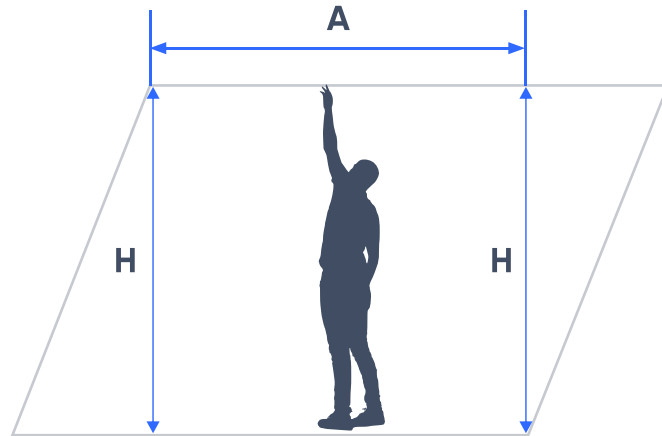
Inner side of the upper guide profile



Outer side of the bottom guide profile

ATTENTION: Segments of the upper and lower extensions of the system are connected without the use of a connecting plate.

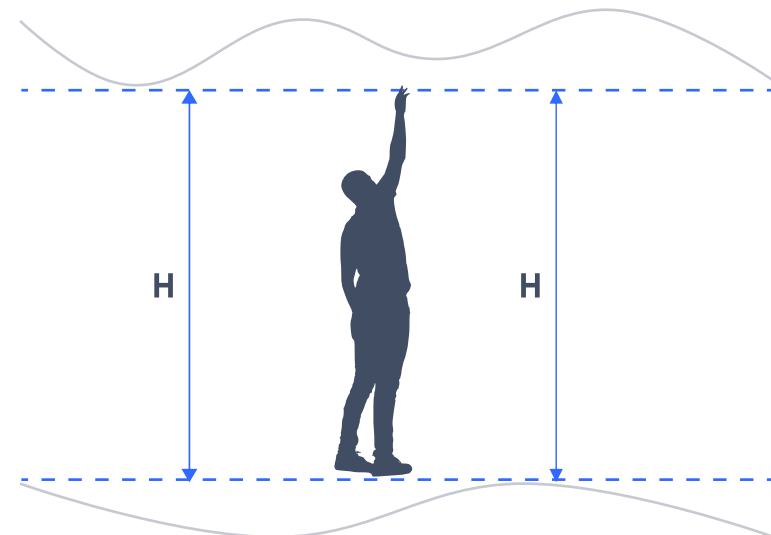
Measuring the width and the height of the opening



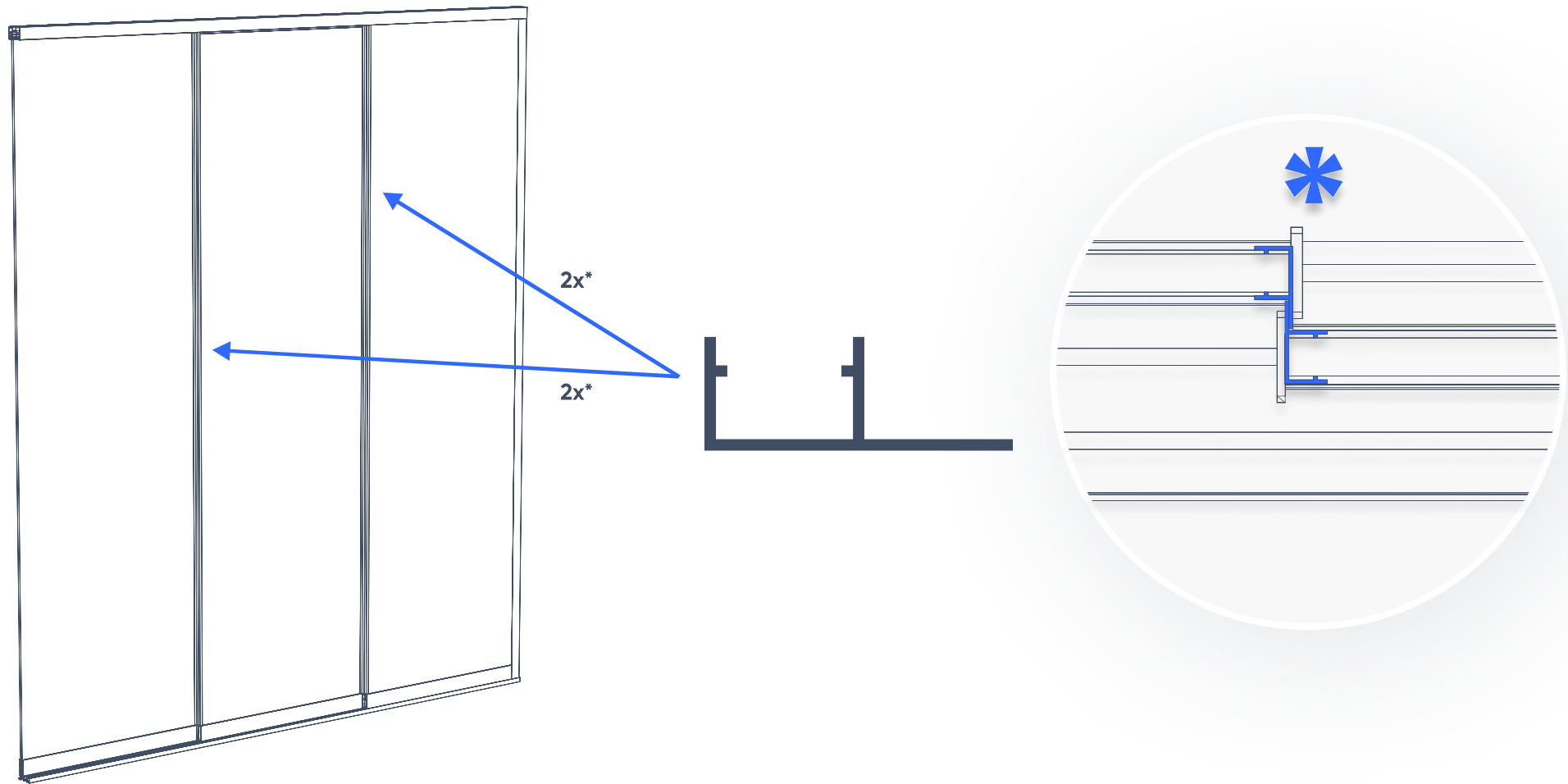
When ordering a system, you need to make sure that all measurements are correct.

Our system can only be installed in a stable door opening where there's a possibility to rigidly fix the upper and lower guide profiles in place.

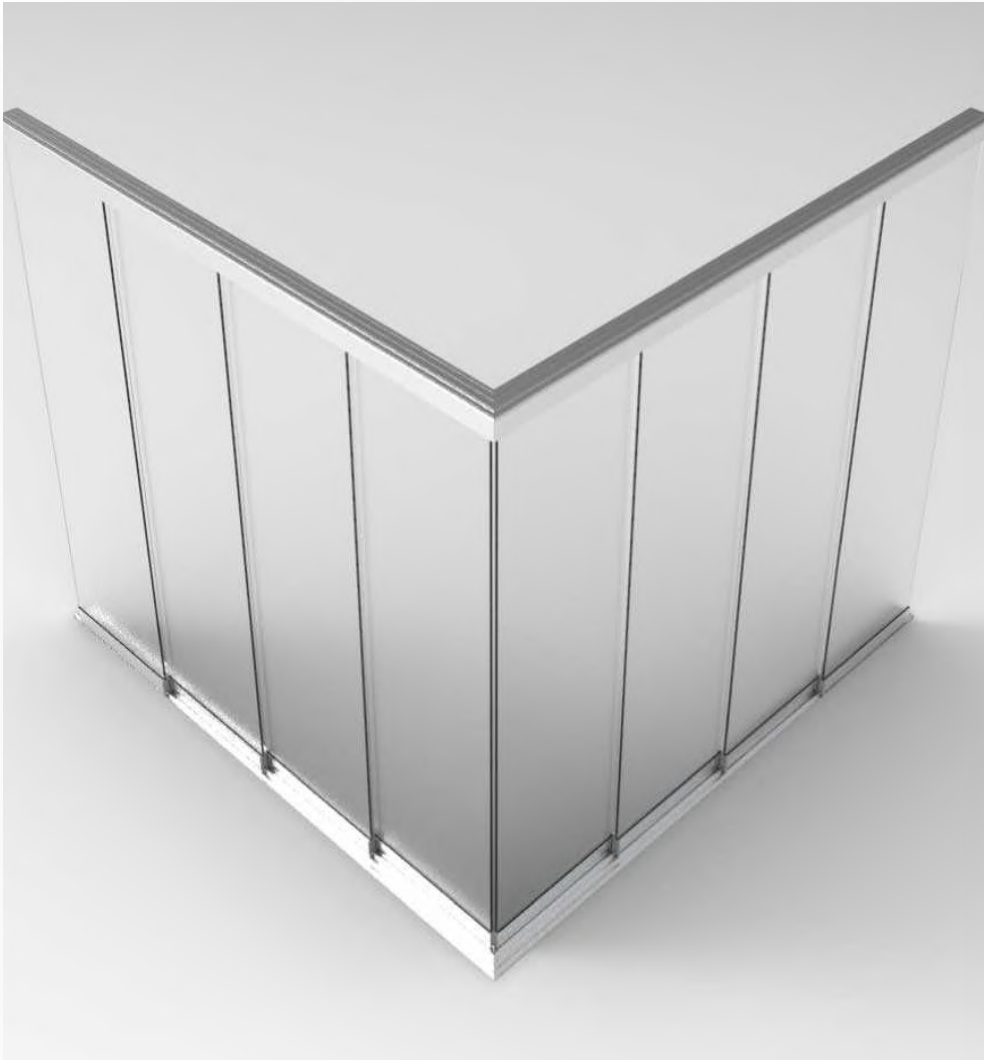
If the height or width of the opening varies, it is necessary to choose the smallest value, i.e. minimum width and height.



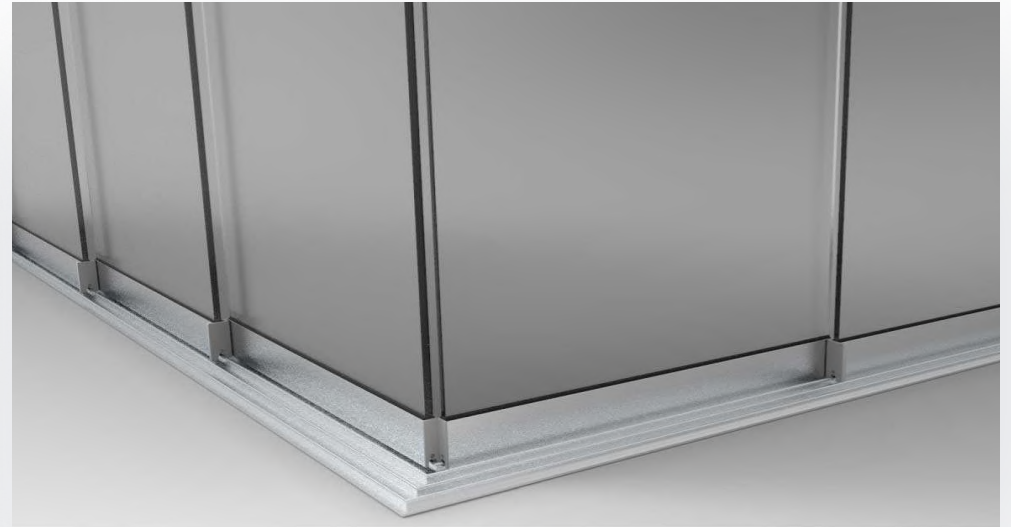
SGL 1116 Glass-to-glass seals



Corner configurations of the SGL 1116 system



Corner systems do not require the door opening to have additional supports and columns. These systems require equal numbers of upper and lower guide tracks.



Sections are connected using two flexible plastic seals.



Corner configurations of the SGL 1116 system



Corner configuration allows sections to be mounted at a 90° angle. It's possible to use additional tracks to increase the number of panels with side or center panel opening.





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