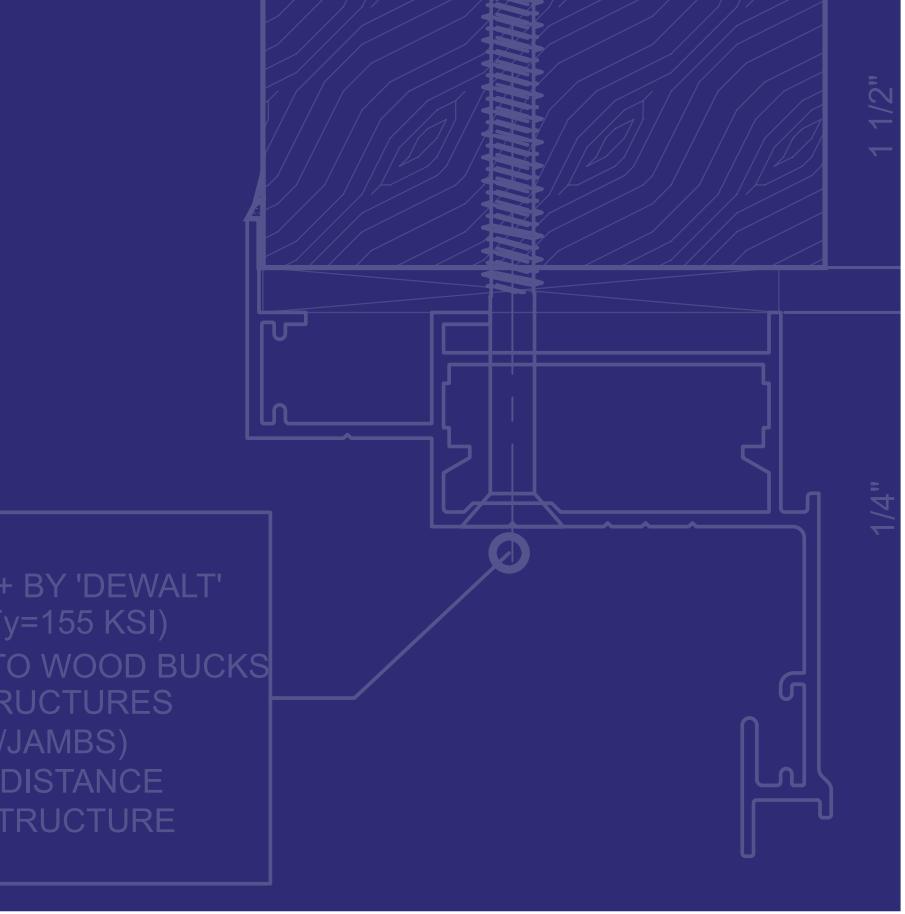




MANUAL DE INSTALACION

SERIES MG-1000 (SLIDING GLASS DOOR)

MR-GLASS®

DOORS & WINDOWS MANUFACTURING

PROUD TO BE A U.S. MANUFACTURER

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INTRODUCCIÓN

Estas instrucciones se proporcionan como guía general para la instalación. La Aprobación de Florida del producto (FL19092 LMI/SMI) debe usarse en conjunto con estas instrucciones. Solo profesionales e instaladores con experiencia deben intentar instalar estas puertas.

Lea todas las instrucciones con detenimiento. En caso de duda, comuníquese con Mr-Glass Doors & Windows. Con gusto le asistiremos.

Utilice el equipo de protección requerido y tome todas las precauciones de seguridad necesarias según el tipo de instalación, especialmente las relacionadas con trabajo en altura.



Fig. 1

TIPO DE INSTALACIÓN

Use el tipo de anclaje correcto según el sustrato. Siga las instrucciones de la Aprobación de Florida en cuanto a distancia al borde (edge distance), espaciamiento y espacio de calzo (shimming space).

Aplique silicona en los huecos antes de insertar los anclajes y también encima de ellos. Una vez apretados, asegúrese de que el marco quede nivelado y a plomo.

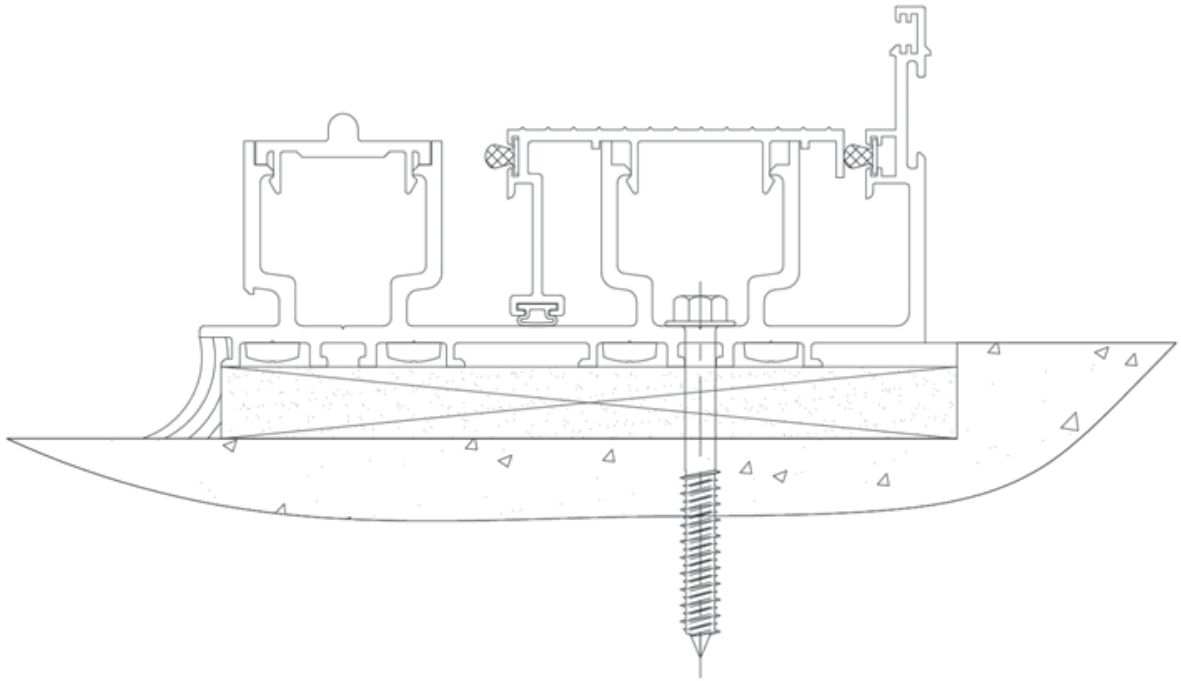


Fig. 2

INSPECCIÓN DE LA ABERTURA

Este es el primer paso y debe realizarse independientemente del tipo de instalación:

A. Verifique que la abertura tenga las dimensiones correctas, que esté a escuadra, a plomo y correctamente alineada. No se aceptará más de 1/4" de diferencia en la escuadra (diagonales). Las dimensiones de alto y ancho deben estar dentro de 1/8" de la dimensión nominal de la abertura.

B. En caso de aberturas de mampostería, revise si hay grietas o mortero faltante, principalmente en el umbral (sill), ya que esto puede permitir la entrada de agua y humedad. Limpie cualquier residuo de mortero. Cualquier defecto debe ser atendido y corregido por el gremio responsable de la abertura.

C. Mr-Glass recomienda que el umbral (sill) tenga inclinación para dirigir el agua hacia el exterior del edificio. No se deben aceptar aberturas con pendiente invertida, ya que esto comprometería el drenaje y funcionamiento correcto de la ventana.

D. Revise los planos de taller (shop drawings) y verifique que la preparación de la abertura cumpla con las especificaciones.

E. En caso de que la instalación sea con wood buck, verifique que se haya aplicado un sellador adecuado entre la madera y la mampostería. Verifique también que los wood bucks se toquen entre sí y que hayan sido sellados conjuntamente.

F. Se deben verificar las dimensiones de la abertura del wood buck. Debe estar a plomo, escuadra y nivelada. Si se detecta algún defecto, no instale hasta que el problema sea corregido.

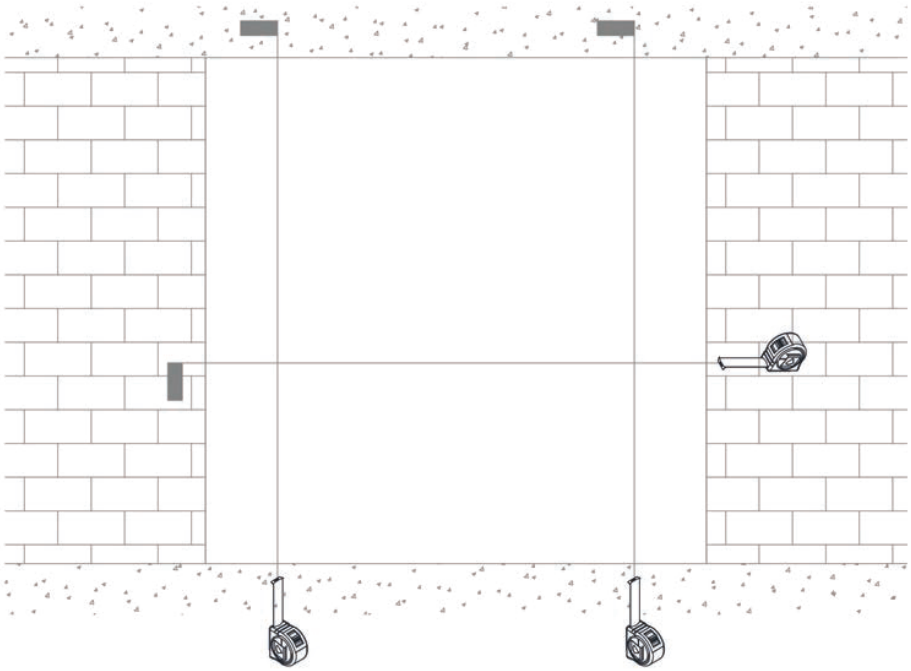


Fig. 3

INSTALACIÓN DEL WOOD BUCK

En caso de que la instalación del wood buck sea parte del alcance del instalador:

A. Use únicamente wood buck de madera tratada a presión (pressure treated) con las dimensiones apropiadas.

B. El wood buck debe fijarse a la mampostería de forma independiente a la puerta. La cantidad y disposición de los anclajes estará de acuerdo con las especificaciones del ingeniero o de los planos de taller.

C. Antes de instalar el wood buck, aplique un cordón de silicona de 3/8" en la cara del wood buck alrededor de todo el perímetro (ver Fig. 4). Este sellador quedará comprimido contra la abertura de mampostería cuando el wood buck sea colocado.

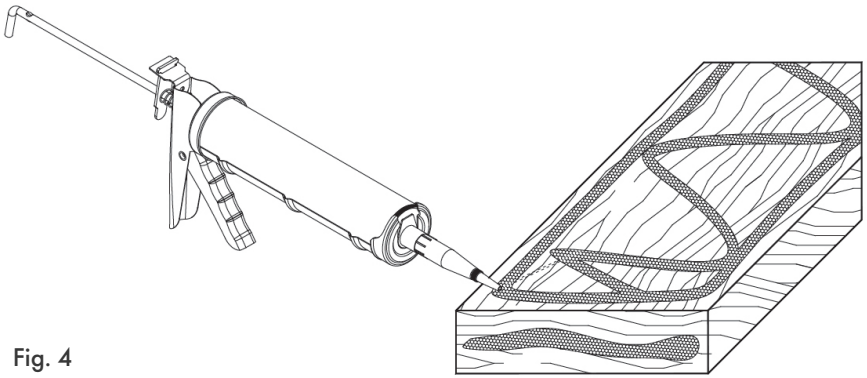


Fig. 4

D. Al instalar los bucks, asegúrese de que queden alineados con el umbral de concreto (si aplica), creando una superficie de montaje continua y plana para las pestañas.

E. Una vez que los bucks estén fijados a la mampostería, aplique un cordón de silicona en el perímetro exterior, entre la madera, la mampostería y en las uniones entre los extremos de los bucks. Alise el sellador asegurando su continuidad.

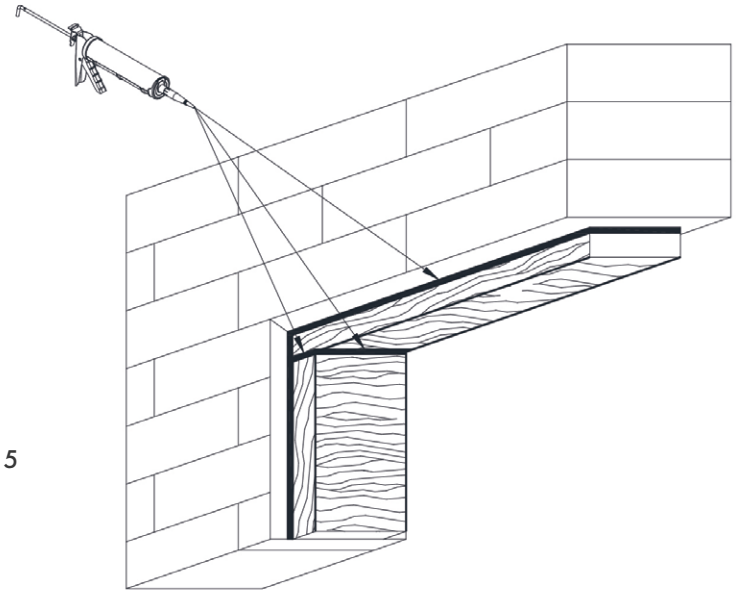


Fig. 5

F. Se deben verificar las dimensiones de la abertura del wood buck. Debe estar a plomo, escuadra y nivelada. Si se detecta algún defecto, no instale hasta que el problema sea corregido.

ENSAMBLAJE DEL MARCO

A. El ensamblaje del marco es una parte crítica del proceso de instalación. Tenga en cuenta que el 90% de las filtraciones en puertas corredizas ocurren debido a un ensamblaje incorrecto del marco.

B. En el MG-1000, las jambas (jambs) van entre el umbral (sill) y la cabecera (head). Ver esquema a continuación. Asegúrese de que la unión entre el sill y los jambs sea perfecta. Los jambs se asentarán sobre un cordón de silicona aplicado al sill.

C. Antes de ensamblar el marco, asegúrese de que el SEAL BRIDGE haya sido insertado en el head y en el sill. La cantidad y ubicación dependen de la configuración. Consulte las páginas 47 y 48. Estos van ubicados en la parte superior e inferior de cada interlock.

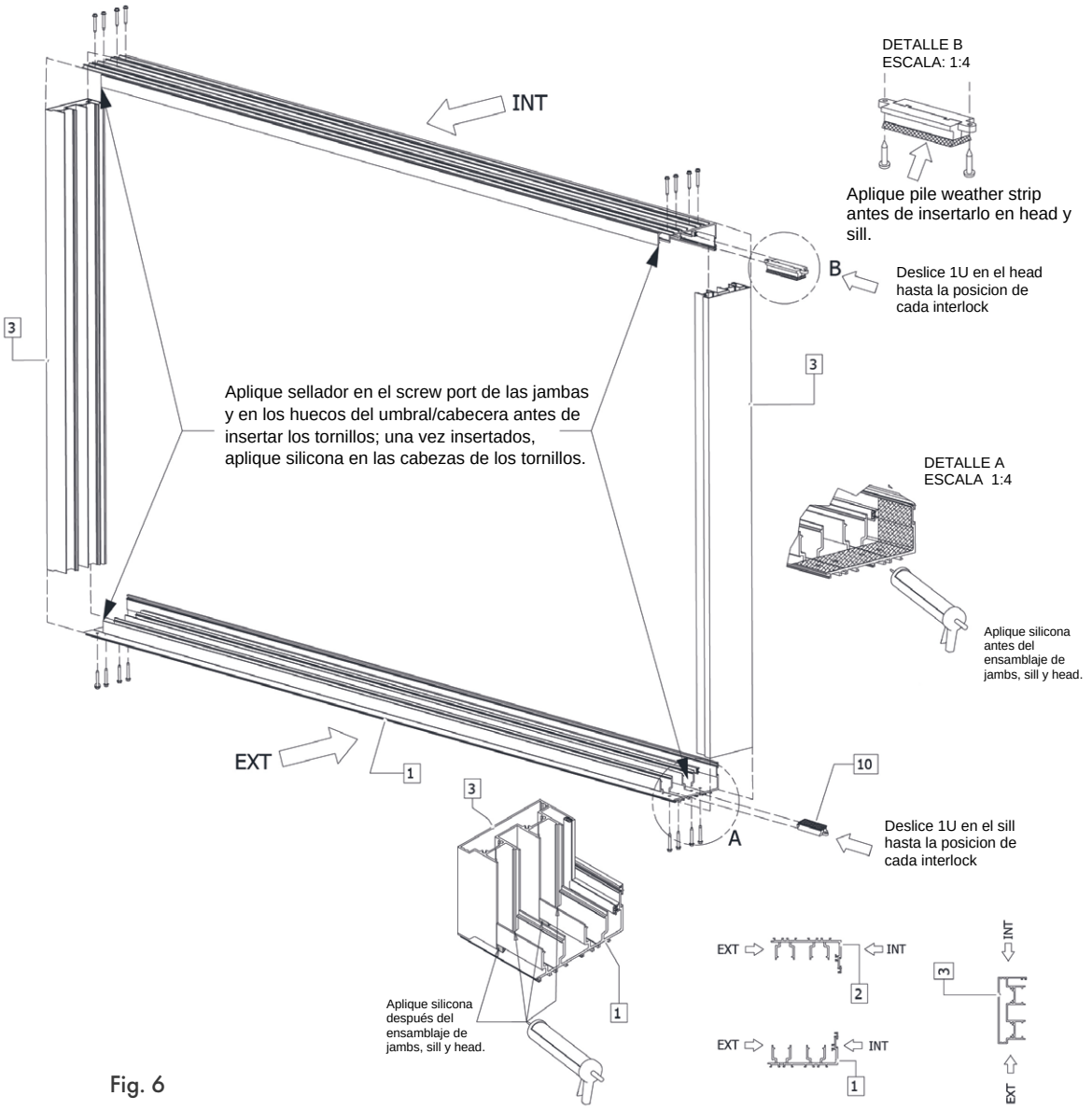


Fig. 6

DESEMPAQUE DE LA PUERTA

A. En caso de retrofit: Antes de retirar cualquier puerta existente, verifique que la puerta nueva corresponda a las especificaciones del proyecto en tipo y dimensiones, y que coincida con el tamaño de la abertura.
B. Retire cuidadosamente las correas y el cartón. No use objetos afilados o punzantes que puedan dañar el acabado del aluminio o el vidrio. El marco se entrega en forma KD (knock-down). Consulte la página correspondiente a su configuración y verifique que está recibiendo todo según lo descrito.
C. Separe y guarde las cubiertas (covers). Las cubiertas no se instalarán hasta que la inspección de anclajes haya sido completada y aprobada.
D. Los paneles están etiquetados para facilitar su identificación. Consulte las páginas 47 y 48 para verificar el tipo de paneles requeridos para su configuración.

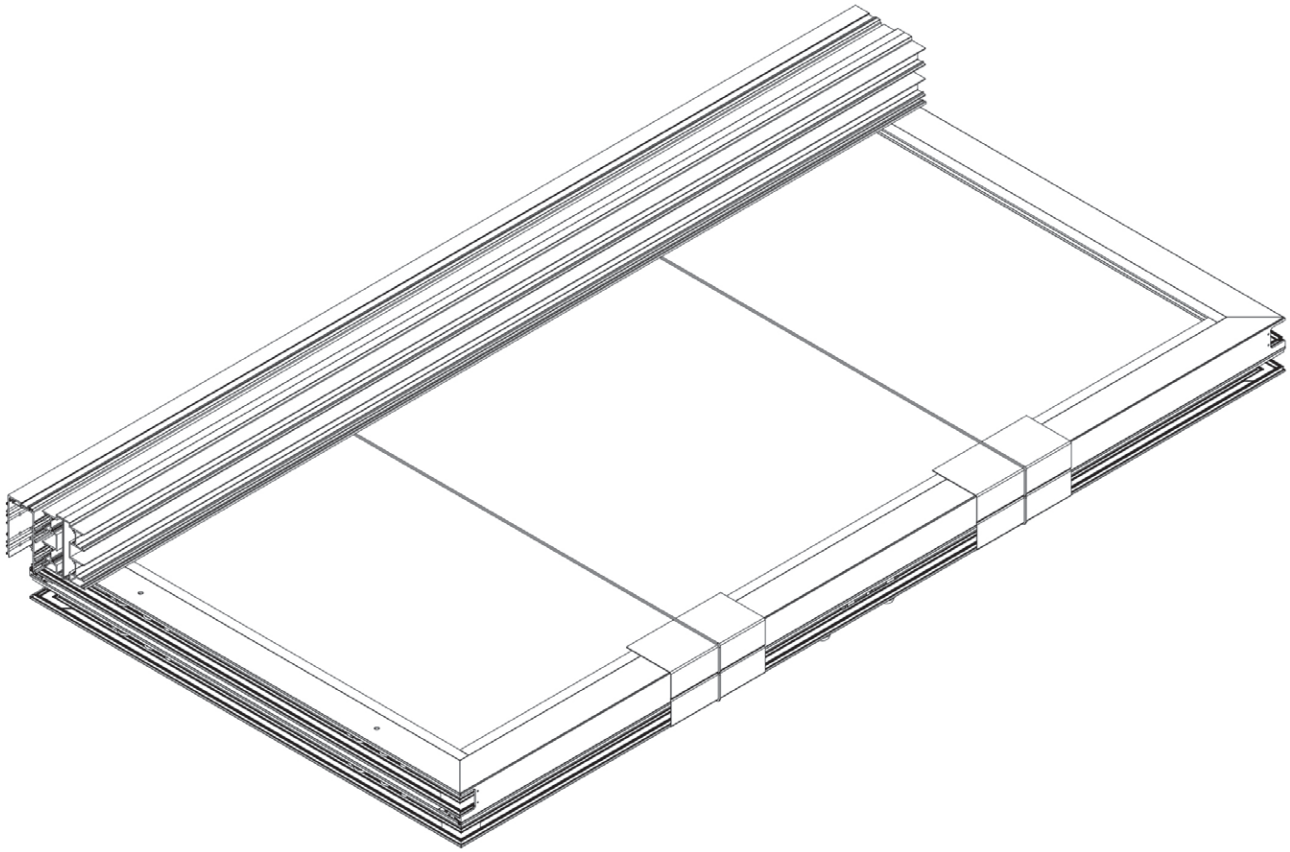


Fig. 7

INSTALACION DEL MARCO

A. El marco de la serie MG-1000 es extremadamente robusto, lo que lo hace pesado pero al mismo tiempo fácil de manipular. Insértelo en la abertura y comience calzando (shimming) por la parte inferior para definir la altura del sill según los detalles del proyecto.

B. Si el espacio de shim en la parte inferior es pequeño (alrededor de 1/4") y la puerta no es muy pesada (paneles de 48" x 96" con vidrio de 9/16" o menos), el uso de calzos duros incompresibles debería ser suficiente. Deben ubicarse en cada anclaje y entre los grupos de anclajes (solo en el sill) a no más de 12" de separación. Para mayor espacio de calzo y paneles más pesados, vierta grout de alta resistencia sin contracción (fc >= 5000 psi) bajo el sill.

C. Aplique los anclajes en los huecos preperforados del sill y del head. Tenga en cuenta que Mr-Glass provee la puerta corrediza con grupos de 6 anclajes en la parte superior e inferior de cada interlock.

Para ciertos tamaños de marco y presiones de diseño, puede requerirse un grupo de 8 anclajes en la parte superior. Consulte la Aprobación de Florida y agregue anclajes si es necesario. El MG-1000 usa Ultracon de 5/16". La longitud requerida depende del sustrato; consulte la sección siguiente. Esta puerta corrediza no requiere anclajes en los jambs hasta 108" de altura de marco y/o 100 PSF de presión de diseño. Mr-Glass recomienda instalar un anclaje directamente detrás del strike del cerrojo. Para alturas de marco mayores de 108" o 100 PSF de presión de diseño, los jambs serán anclados. Los huecos están preperforados. Aplique shims en cada uno.

D. Asegúrese de mantener a nivel, plomo y escuadra. Es fundamental que la distancia entre el sill y el head medida en diferentes puntos a lo largo de las extrusiones sea la misma. Es muy común observar una deformación en el sill o en el head debido a un shimming incorrecto.

La distancia entre el sill y el head en el jamb debe mantenerse a lo largo de toda la puerta corrediza. Esto garantiza un enganche uniforme y adecuado de los paneles tanto en la parte superior como en la inferior.

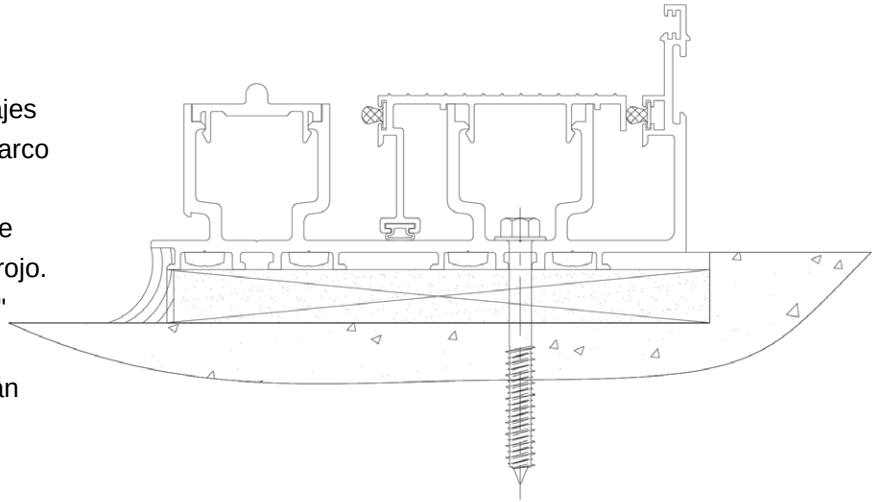


Fig. 8

TRACK EN SILL Y SNAP COVER EN HEAD

A. Los paneles corren sobre tracks anodizados en el sill. Este track sirve al mismo tiempo como cubierta (cover) para los anclajes. La inspección de anclajes debe estar aprobada antes de instalar los tracks en el umbral y las cubiertas en la cabecera.

B. Encaje (snap) los tracks y las cubiertas horizontales de la cabecera en su lugar. Consulte cada configuración para la ubicación.

C. Aplique sellador en los extremos de los tracks sobre el umbral.

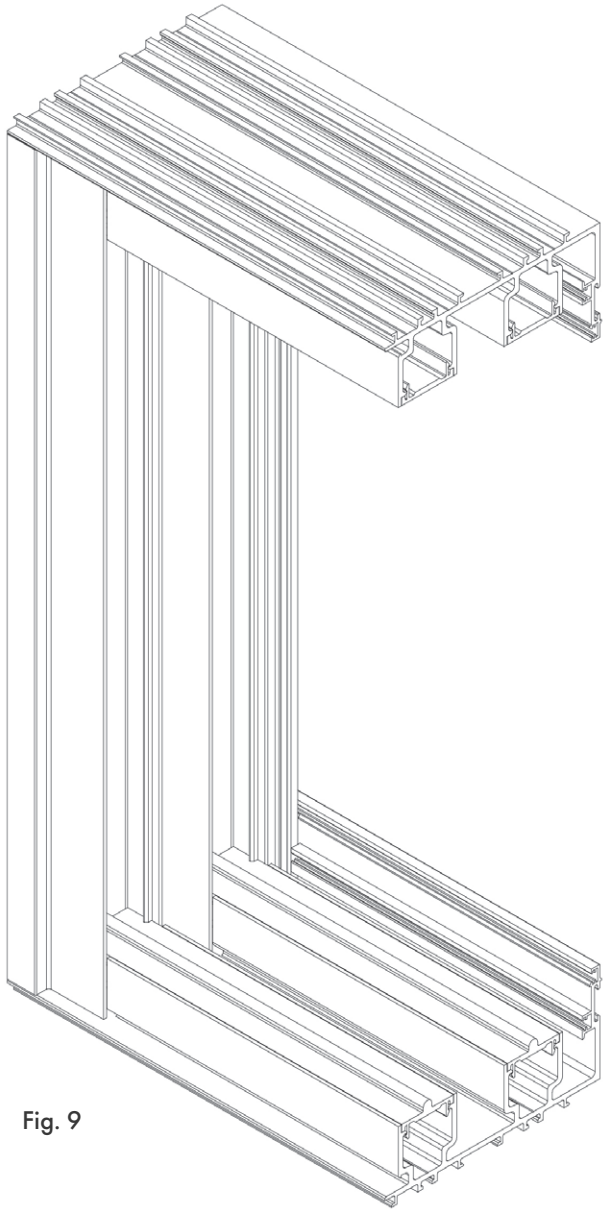


Fig. 9

INSTALACIÓN DE PANELES

A. Dependiendo de la configuración de su puerta, necesitará una combinación específica de tipos de paneles. Consulte las páginas 47 y 48.

B. Recibirá los paneles etiquetados para su identificación. Todos nuestros paneles, fijos o móviles, vienen provistos de rodillos para facilitar el ajuste y la instalación. El riel inferior del panel tiene huecos de acceso en el exterior para llegar a los rodillos.

C. Para insertar los paneles, acérquese al marco desde el exterior con los topes de vidrio (glass stops) hacia afuera. Incline el panel hacia atrás desde la parte superior y levántelo inclinado para enganchar el track superior. Empuje el panel desde la parte inferior para alcanzar el track inferior correspondiente. Bájelo suavemente para asentar el rodillo sobre el track. Tenga en cuenta que las configuraciones OXO y OXXO tienen un panel móvil con un astragal. Estos paneles se entregan con el astragal unido con solo dos tornillos autoperforantes (self-drilling). El astragal debe retirarse para instalar el panel y luego volver a fijarse con los tornillos provistos para ello.

D. La posición final del seal bridge que fue insertado en el umbral y la cabecera durante el ensamblaje del marco es justo debajo y encima de cada interlock. Estos impiden que los paneles sean levantados y retirados desde el exterior con la puerta cerrada. Para insertar los paneles en el marco, estas piezas no pueden estar en su posición final, ya que de lo contrario sería imposible levantar el panel para instalarlo.

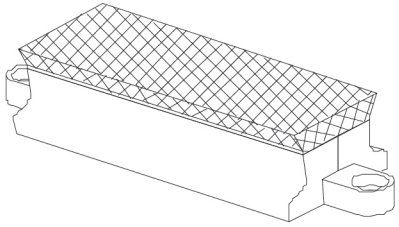


Fig. 10

E. Una vez que los paneles estén en posición final, mueva el Seal Bridge justo debajo y encima de los interlocks. Fíjelo usando los tornillos #10 provistos en el kit KD. Inyecte silicona en el hueco antes de insertar el tornillo y encima de la cabeza del tornillo después de retarlo.

F. Cuando los paneles fijos son parte de la configuración, vendrán provistos de un bumper que va en el montante vertical (stile) orientado hacia las jambas. Para ubicar un panel fijo en posición, muévalo hacia la jamba hasta que el bumper toque.

G. Use los rodillos para ajustar la altura de los paneles, así como el nivel y la alineación entre ellos.

H. Instale las guías plásticas (provistas en el KD) en la parte trasera de los paneles (2 por panel). Los paneles tienen huecos piloto de 1/8" para ubicar las guías. Use una broca de 5/32" para el tornillo #10 provisto para fijar las guías.

I. Las guías en la parte frontal de los paneles ya están colocadas dentro del montante vertical frontal. Ajuste la altura de las guías (en cabecera y umbral) y jelas con los tornillos #10 provistos en el KD.

INSTALACIÓN DE CUBIERTAS Y CANALETA

A. Una vez ajustados los paneles e instaladas las guías y el seal bridge, proceda a encajar (snap) las cubiertas verticales en los jambos según lo requiera la configuración.
B. Instale las cubiertas horizontales. Selle y alise la intersección entre cubiertas.
C. Tenga en cuenta que la configuración XX no utiliza las mismas cubiertas horizontales. En su lugar, usa cubiertas de drenaje (drainage covers). Ver configuración XX, página 21.
D. Canaleta (Gutter): La canaleta (extrusión 1016) se provee precortada y con muescas junto con el KD. Antes de sellar el perímetro, encájela en el head.

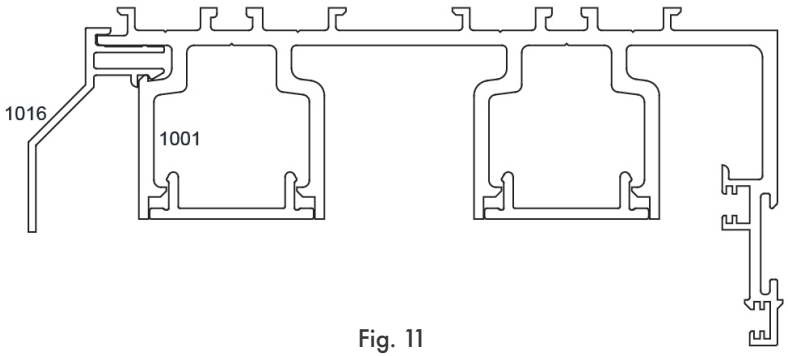


Fig. 11

INSTALACIÓN DE MANIJA Y CERROJO

A. Para instalar la manija, siga las instrucciones del fabricante del herraje.
B. El cerrojo ya viene instalado en el panel. El strike debe instalarse en la jamba. El strike y el cerrojo deben estar perfectamente alineados en altura. Después de un primer ajuste para fijar el strike, puede ajustarlo hacia arriba o abajo mediante las ranuras de fijación. Una vez en posición final, inserte el tornillo de fijación.
C. El strike también permite cierto ajuste en la dirección del panel para acomodar la distancia a la jamba.

SILL RAISER

A. El MG-1000 requiere sill raiser únicamente en la configuración XX para presión positiva mayor de 70 PSF. Para presiones positivas entre 70 y 80 PSF, se requiere el sill raiser de 1" (si el adaptador de screen está en uso, no se requiere sill raiser). Para más de 80 PSF y hasta 120 PSF positivo, se requiere el sill raiser de 2".

B. Antes de insertar el sill raiser, llene su cavidad con silicona y encájelo en su lugar. Selle los extremos hacia las jambas.

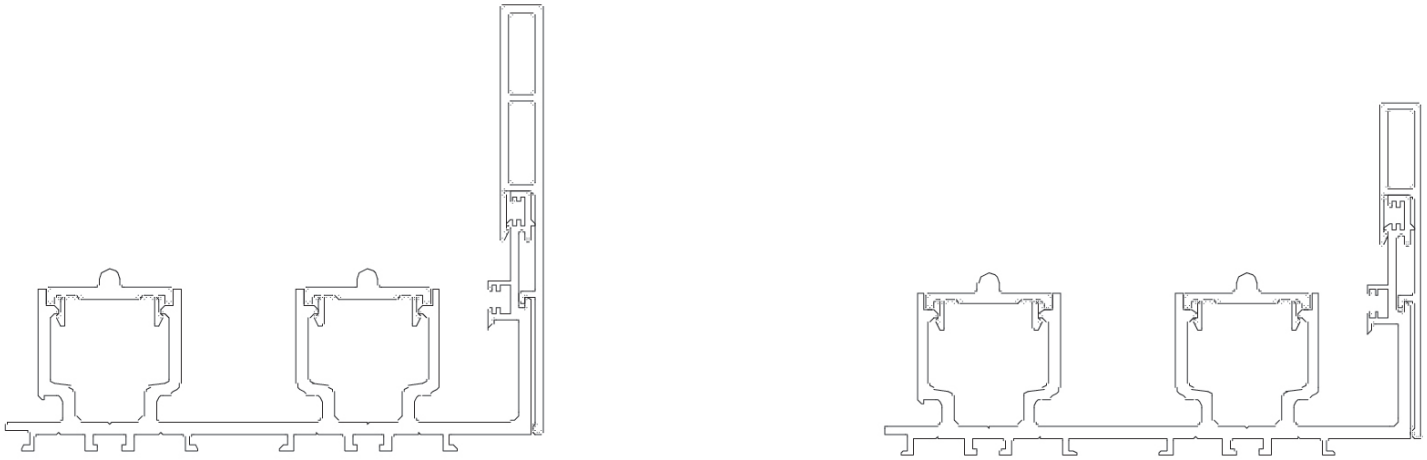


Fig. 12 El sill raiser se requiere solo en la configuración XX cuando DP > 70 PSF (positivo). Use raiser de 1" (E1014) hasta 80 PSF (positivo). Use raiser de 2" (E1019) por encima de 80 PSF y hasta 120 PSF (positivo).

XO AND OX KD PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

Fig.14

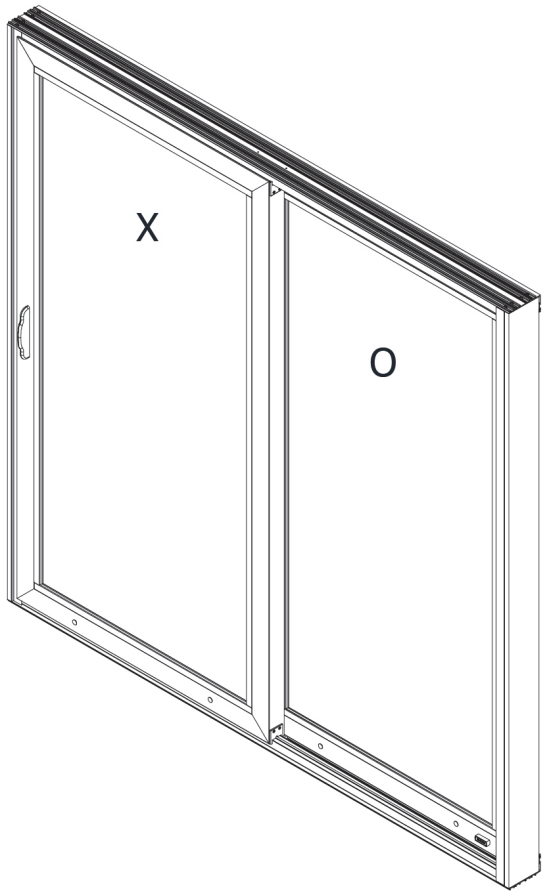
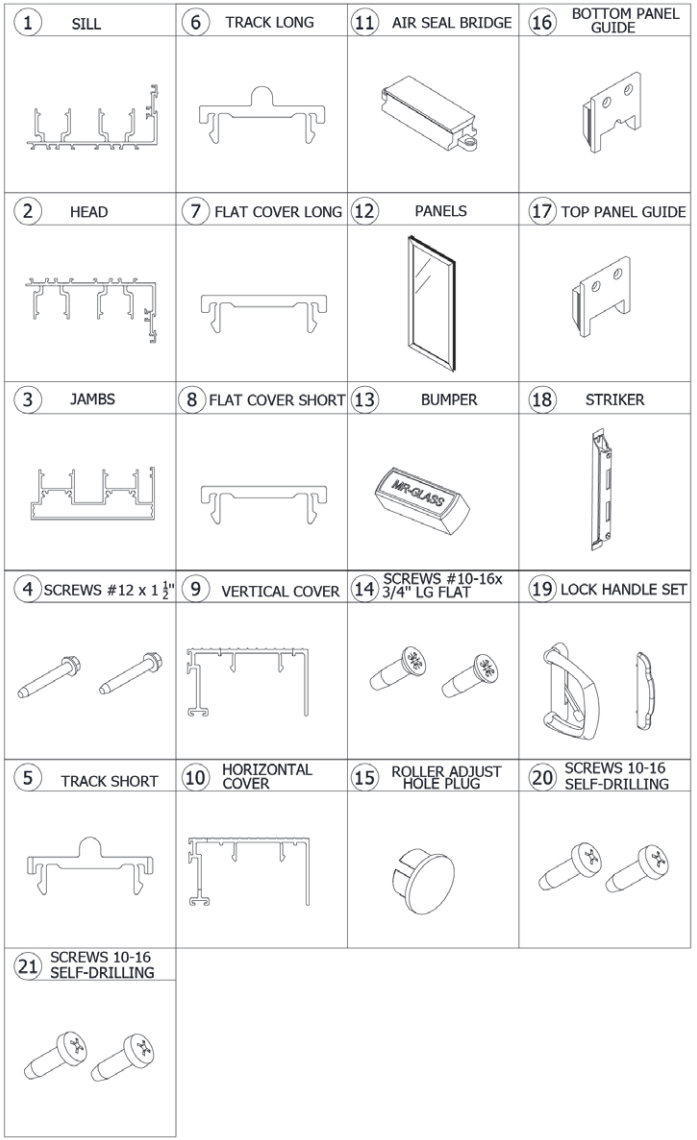


Fig.15

Fig.16



Nota: Para configuracion XO, ver paginas 49 y 50

XO AND OX TRACK INSTRUCTIONS

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

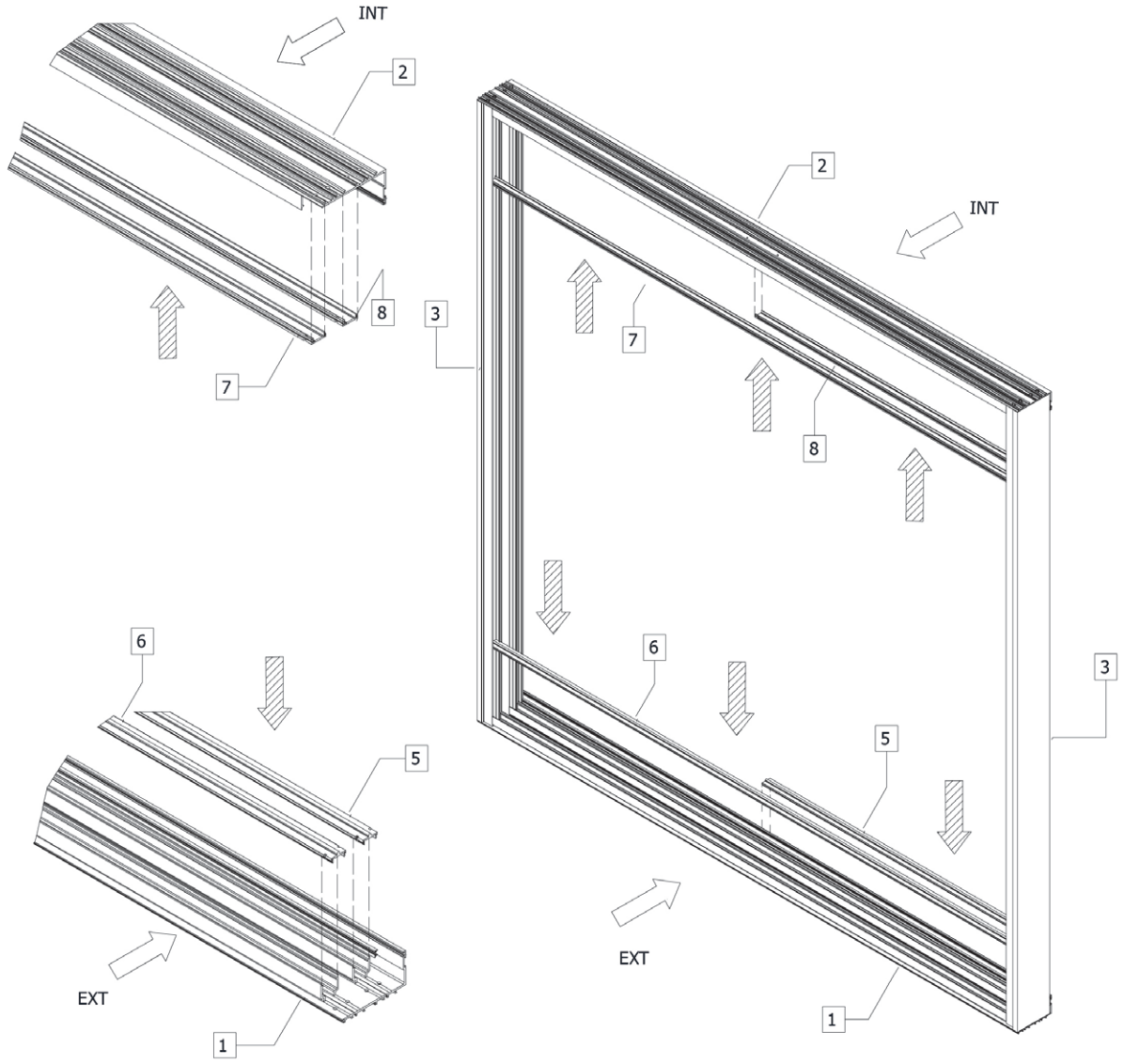


Fig.17

INSTALACIÓN DE PANELES XO Y OX

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

Nota: Para configuraciones XO ver paginas 45-50 para la seleccion del tipo dep panel

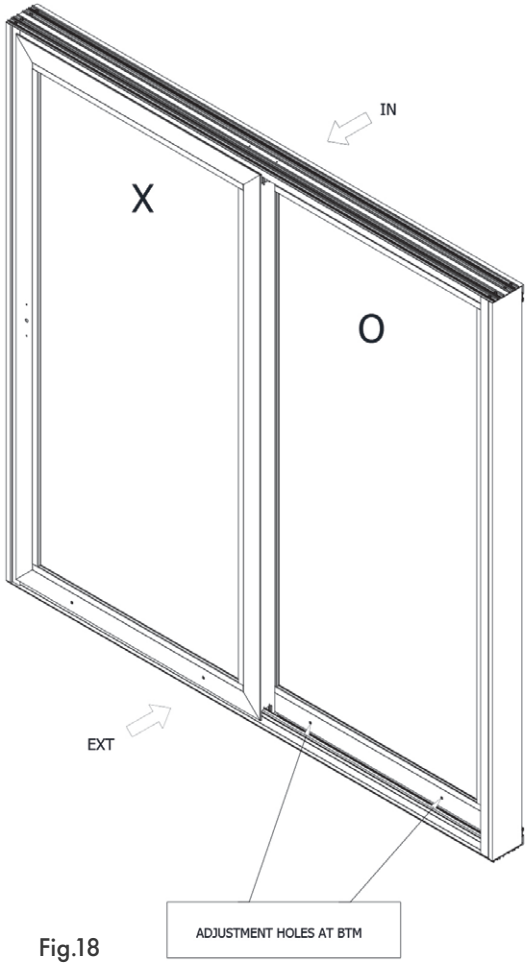
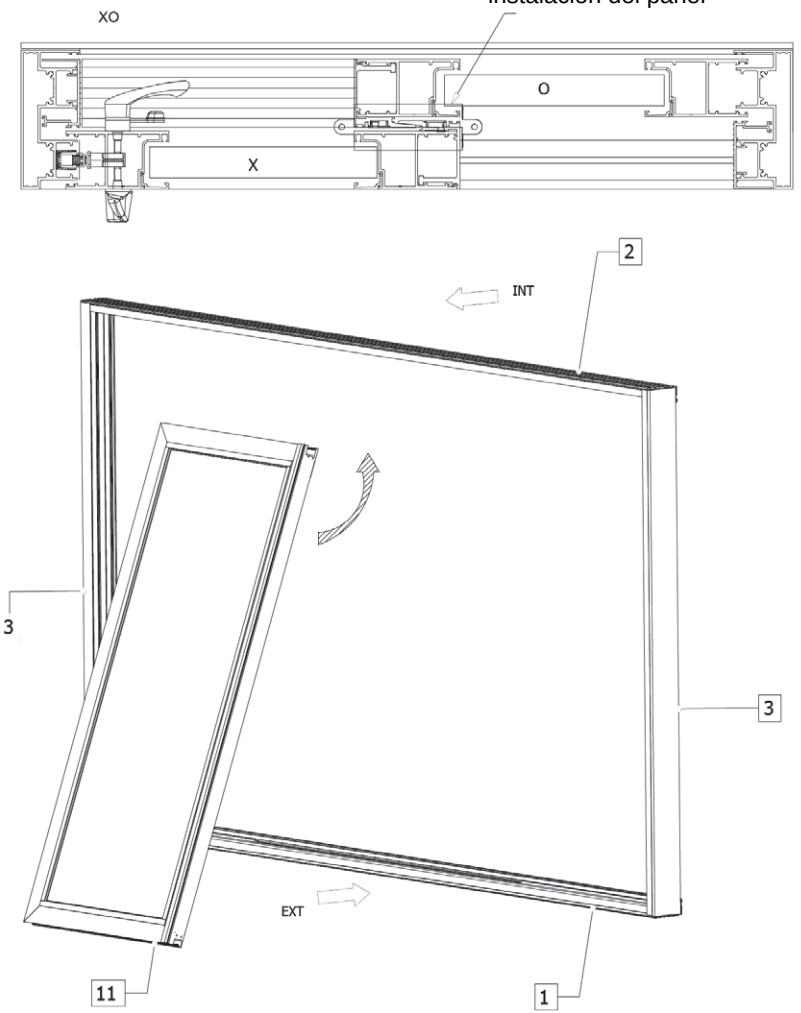


Fig.18

PANEL POSITIONS

Fig.19

La posicion Seal bridge es en sill y head. No puede estar en posicion final durante la instalacion del panel



INSTALACIÓN DE CUBIERTAS XO Y OX

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

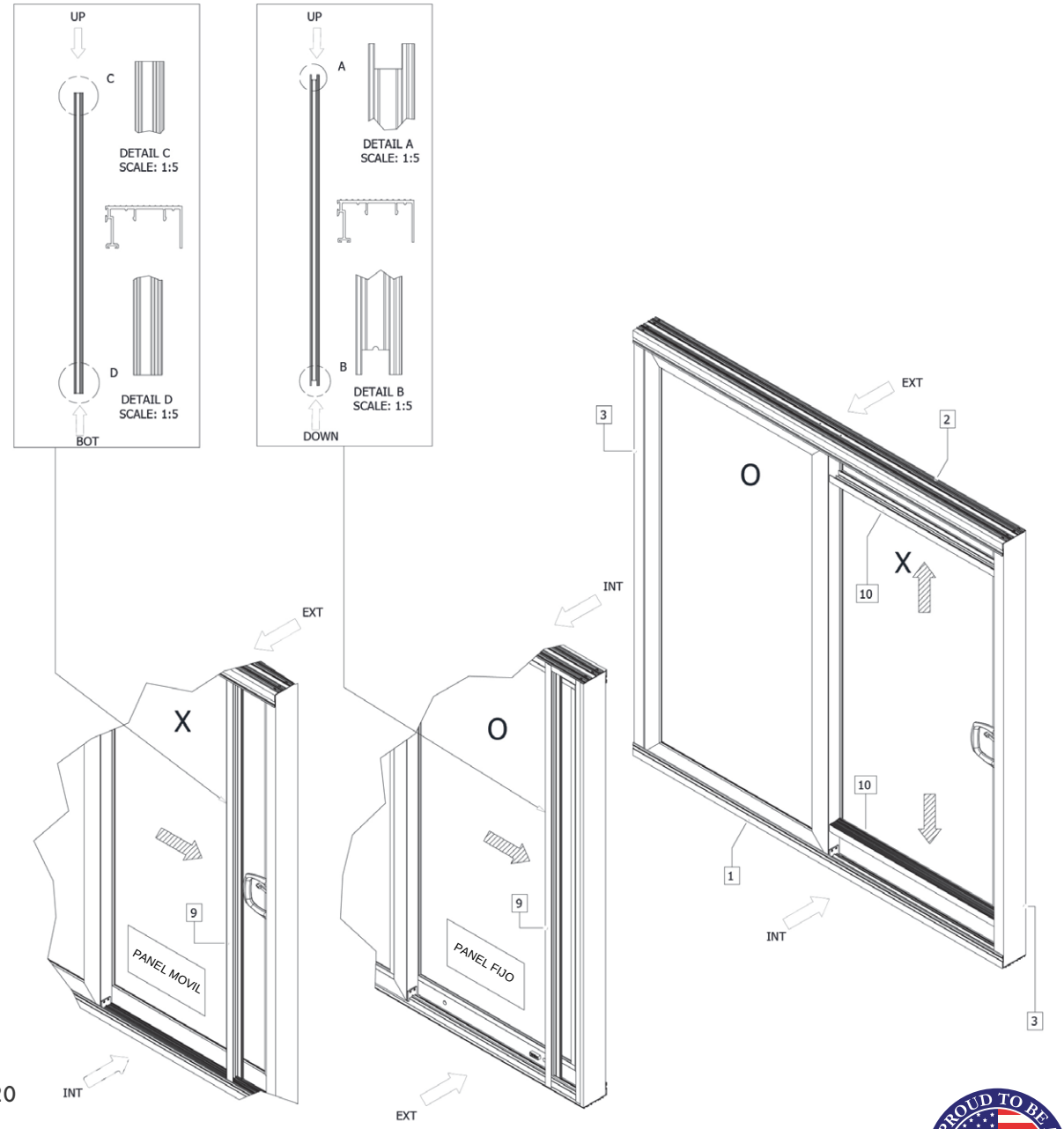


Fig.20

APLICACIÓN DE SILICONA XO Y OX

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

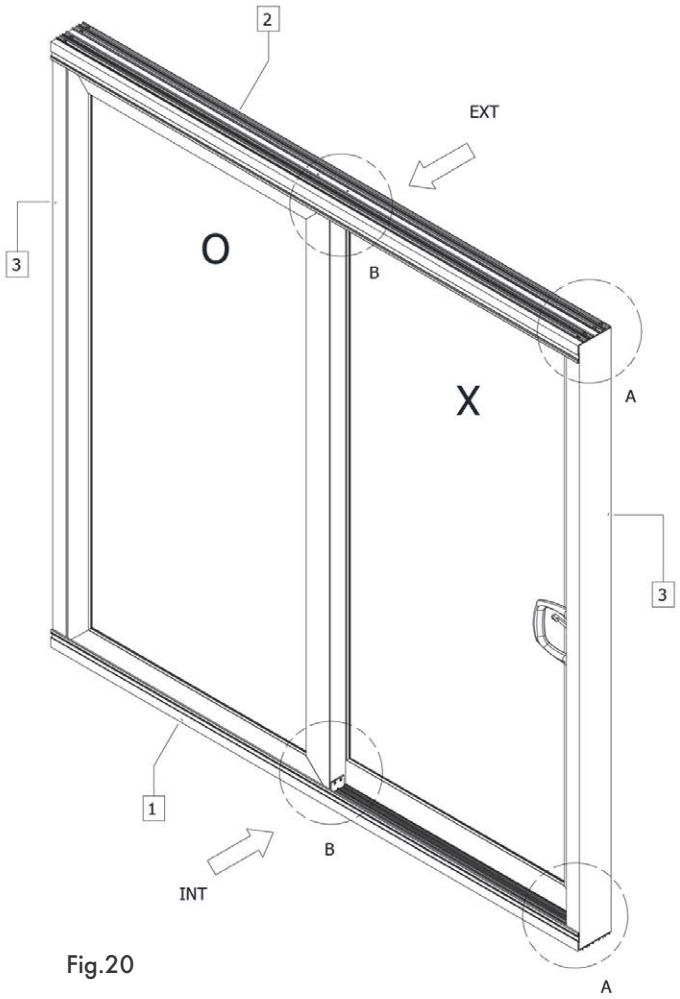


Fig.20

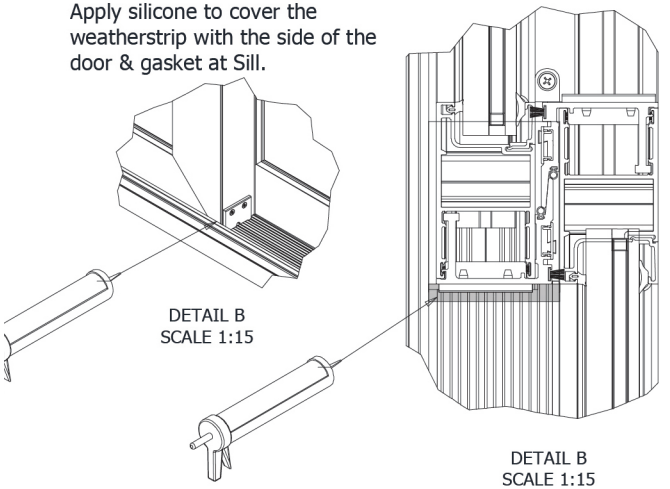


Fig.21

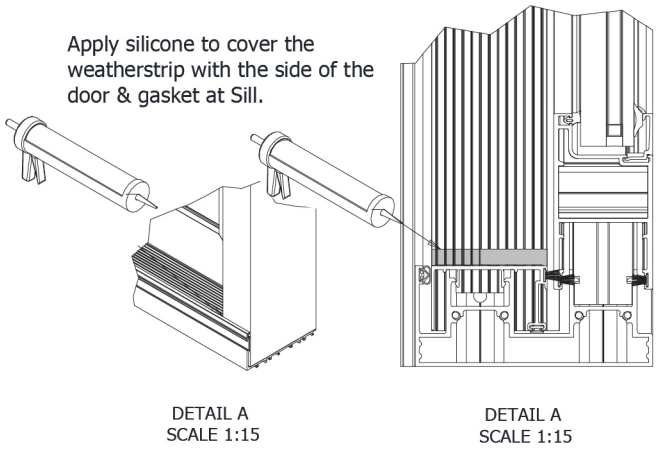


Fig.22

XO AND OX HANDLE INSTALLATION INSTRUCTIONS

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (2 U)
12	PANELS (2 U)
13	BUMPER (1 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
22	
23	

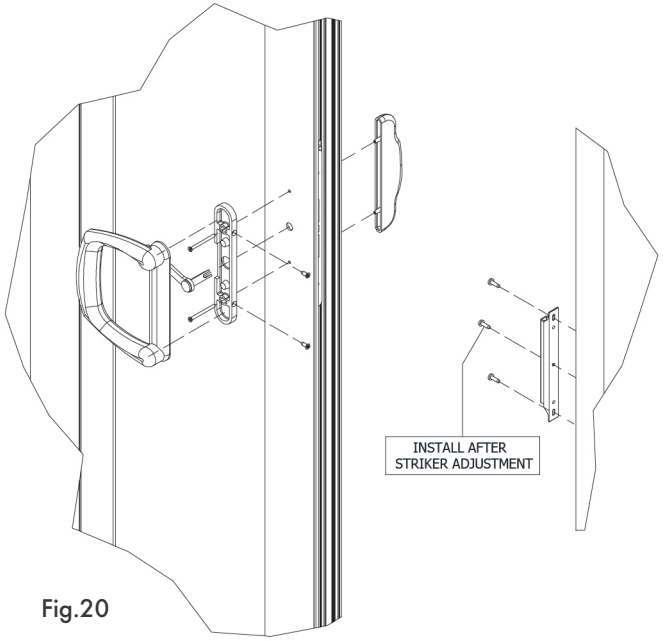


Fig.20

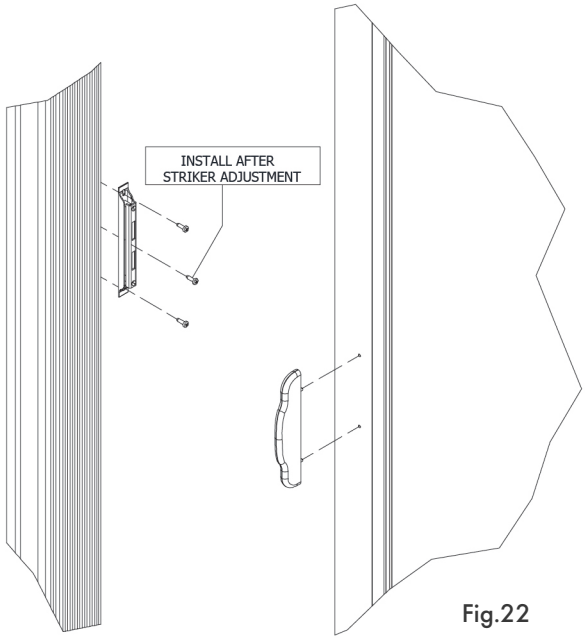


Fig.22

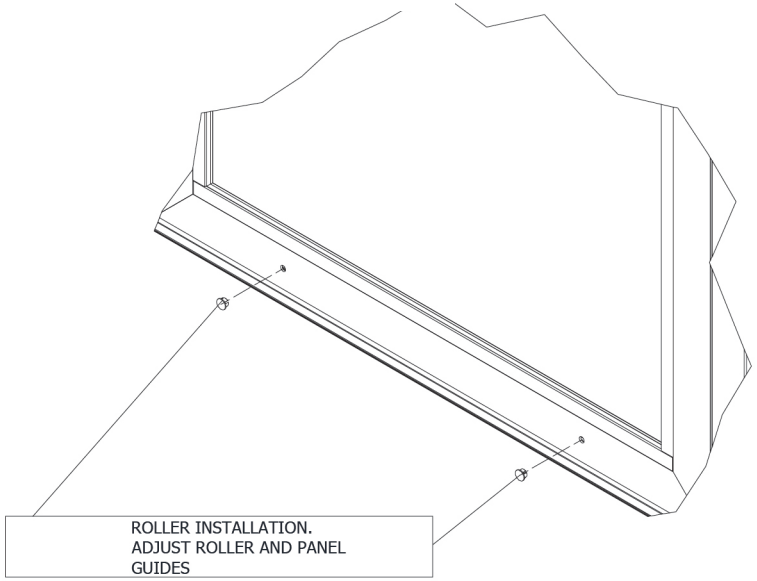


Fig.21

XX KD PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK LONG (2 U)
6	FLAT COVER LONG (2 U)
7	VERTICAL COVER (2 U)
8	AIR SEAL BRIDGE (2 U)
9	PANELS (2 U)
10	BUMPER (2 U)
11	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
12	ROLLER ADJUST HOLE PLUG (4 U)
13	BOTTOM PANEL GUIDE (2 U)
14	TOP PANEL GUIDE (2 U)
15	STRIKER (2 U)
16	LOCK HANDLE SET (2 U)
17	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
18	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
19	DRAINAGE COVER (1 U)
20	SILL RAISER (1 U)
21	
22	
23	

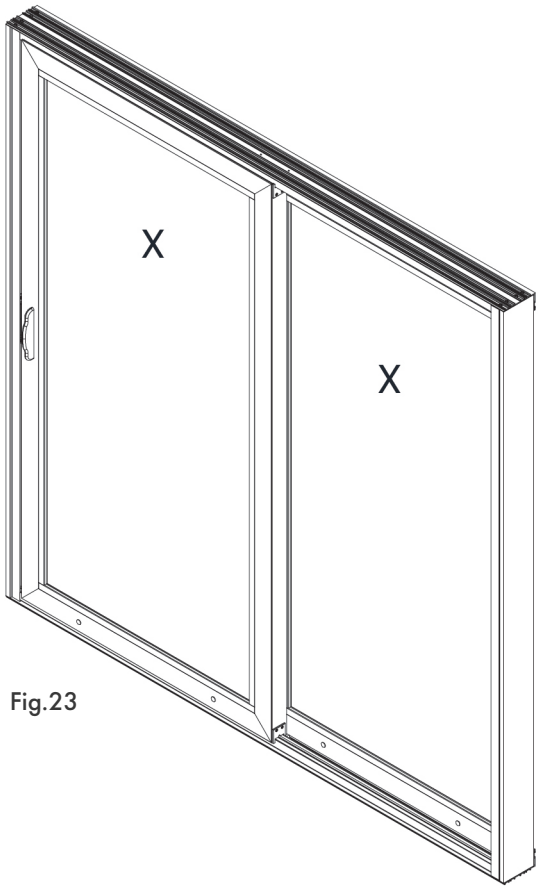


Fig.23

Note: For XX configuration see pages 49-50 for Panel Type Selection.

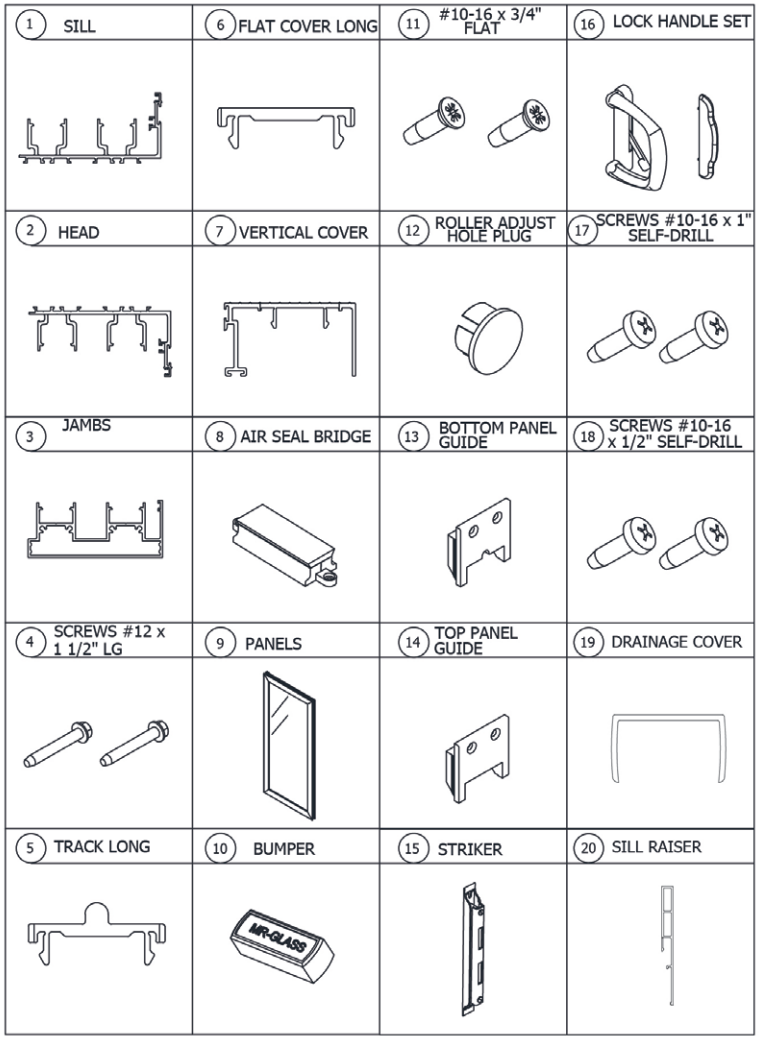


Fig.24

XX TRACKS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK LONG (2 U)
6	FLAT COVER LONG (2 U)
7	VERTICAL COVER (2 U)
8	AIR SEAL BRIDGE (2 U)
9	PANELS (2 U)
10	BUMPER (2 U)
11	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
12	ROLLER ADJUST HOLE PLUG (4 U)
13	BOTTOM PANEL GUIDE (2 U)
14	TOP PANEL GUIDE (2 U)
15	STRIKER (2 U)
16	LOCK HANDLE SET (2 U)
17	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
18	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
19	DRAINAGE COVER (1 U)
20	SILL RAISER (1 U)
21	
22	
23	

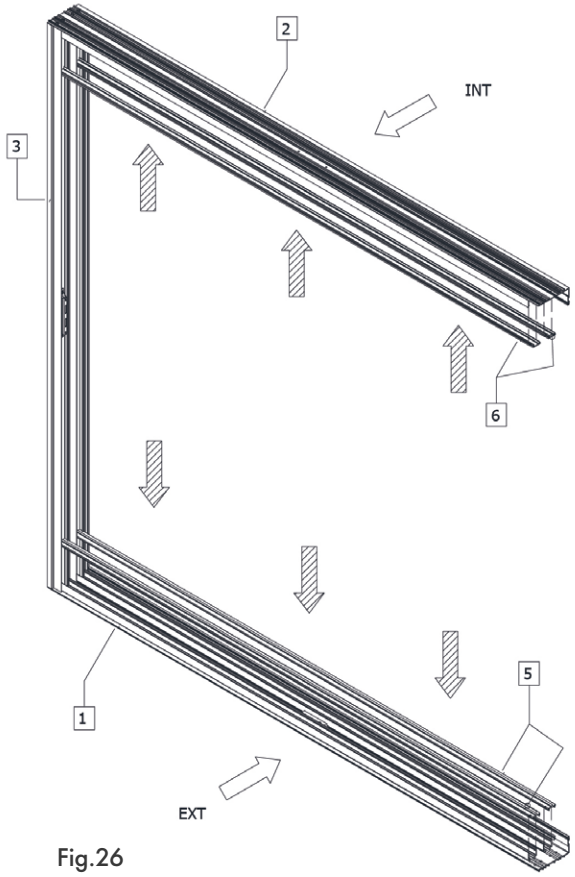


Fig.26

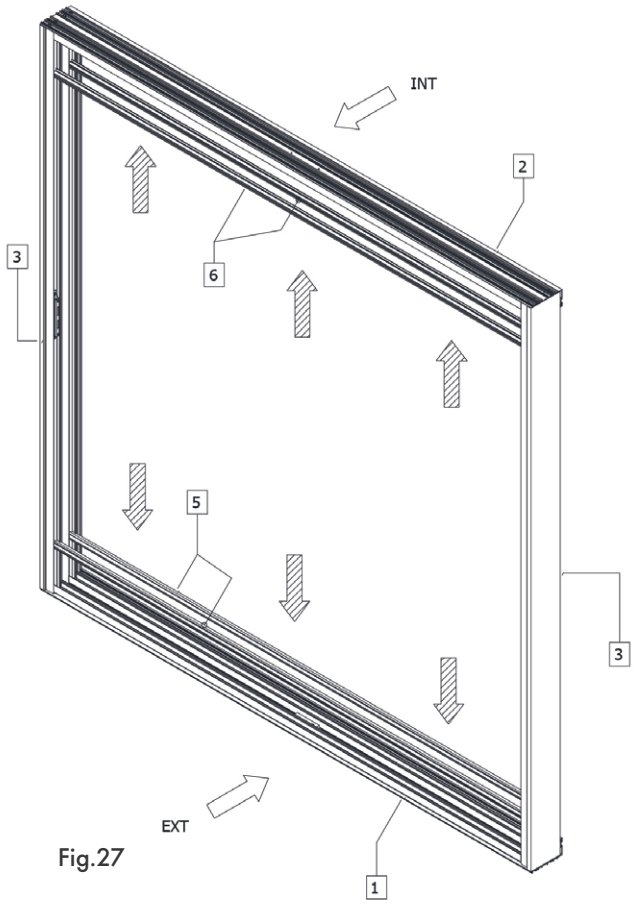


Fig.27

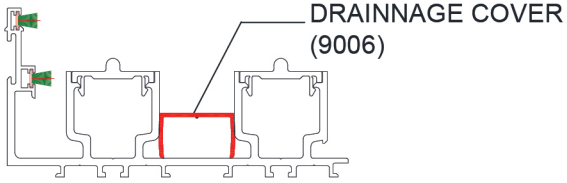


Fig.25

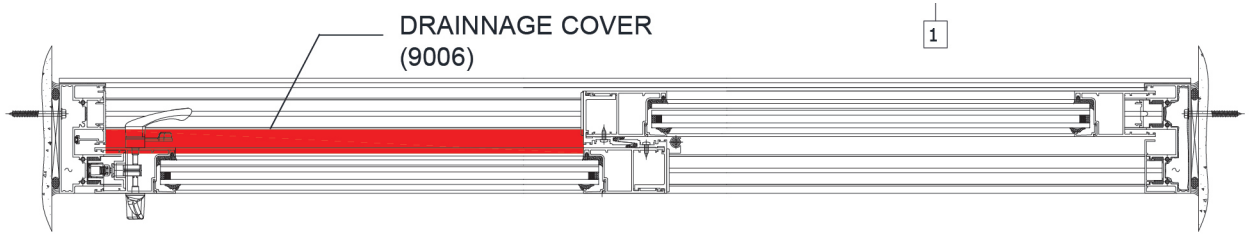


Fig.28

XX PANEL INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK LONG (2 U)
6	FLAT COVER LONG (2 U)
7	VERTICAL COVER (2 U)
8	AIR SEAL BRIDGE (2 U)
9	PANELS (2 U)
10	BUMPER (2 U)
11	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
12	ROLLER ADJUST HOLE PLUG (4 U)
13	BOTTOM PANEL GUIDE (2 U)
14	TOP PANEL GUIDE (2 U)
15	STRIKER (2 U)
16	LOCK HANDLE SET (2 U)
17	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
18	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
19	DRAINAGE COVER (1 U)
20	SILL RAISER (1 U)
21	
22	
23	

Note: All panels are installed the same way. For the position of the panels with configuration XX, See pages 49-50.

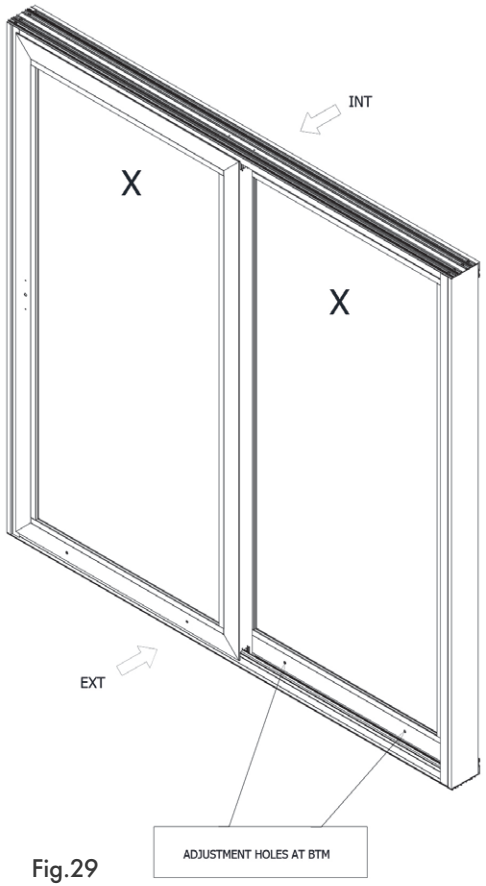
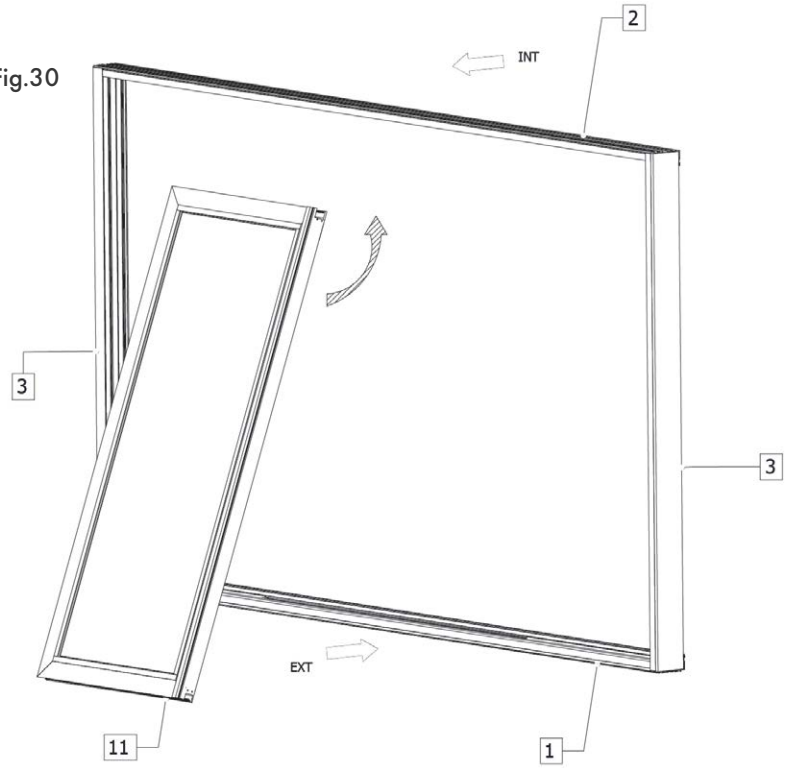


Fig.29

Fig.30



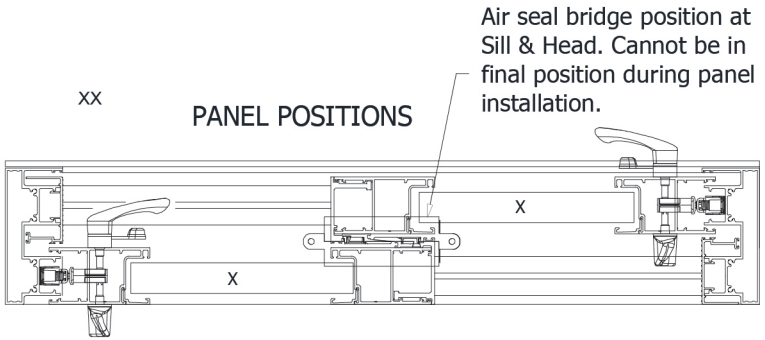


Fig.31

XX COVERS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK LONG (2 U)
6	FLAT COVER LONG (2 U)
7	VERTICAL COVER (2 U)
8	AIR SEAL BRIDGE (2 U)
9	PANELS (2 U)
10	BUMPER (2 U)
11	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
12	ROLLER ADJUST HOLE PLUG (4 U)
13	BOTTOM PANEL GUIDE (2 U)
14	TOP PANEL GUIDE (2 U)
15	STRIKER (2 U)
16	LOCK HANDLE SET (2 U)
17	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
18	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
19	DRAINAGE COVER (1 U)
20	SILL RAISER (1 U)
21	
22	
23	

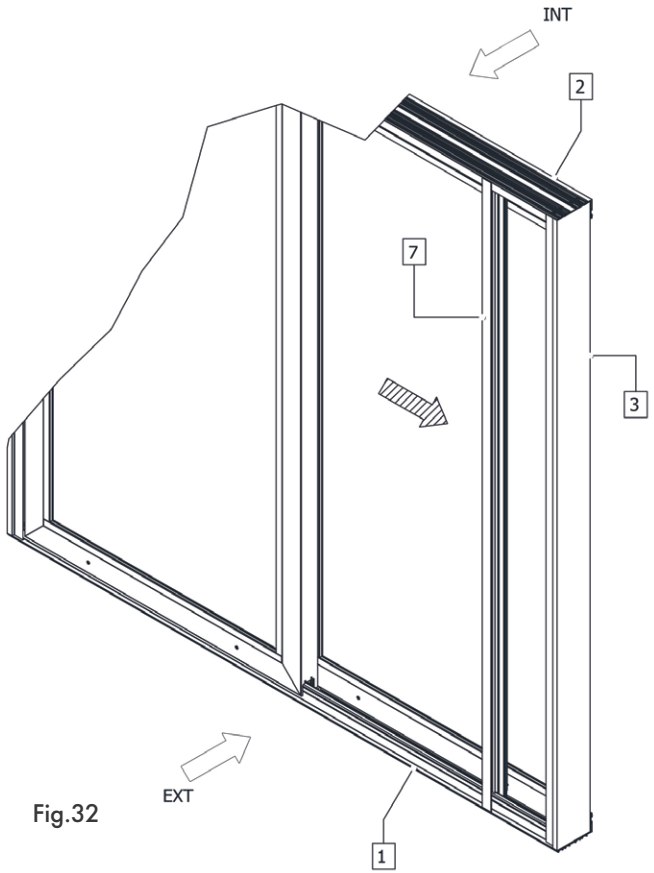


Fig.32

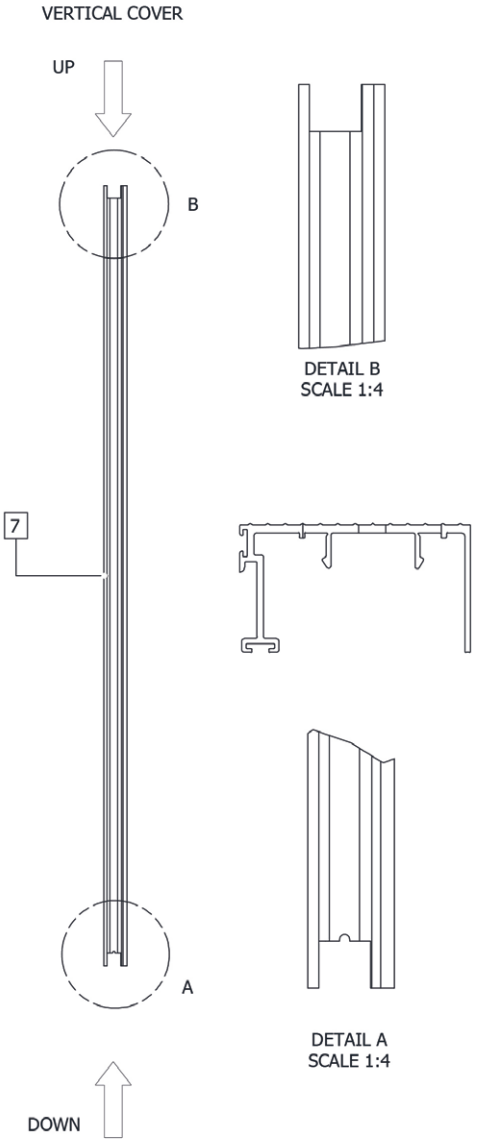


Fig.33

XX HANDLE INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	TRACK LONG (2 U)
6	FLAT COVER LONG (2 U)
7	VERTICAL COVER (2 U)
8	AIR SEAL BRIDGE (2 U)
9	PANELS (2 U)
10	BUMPER (2 U)
11	PH-FH #10-16 x 3/4" SMS. AISI 316 (16 U)
12	ROLLER ADJUST HOLE PLUG (4 U)
13	BOTTOM PANEL GUIDE (2 U)
14	TOP PANEL GUIDE (2 U)
15	STRIKER (2 U)
16	LOCK HANDLE SET (2 U)
17	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
18	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
19	DRAINAGE COVER (1 U)
20	SILL RAISER (1 U)
21	
22	
23	

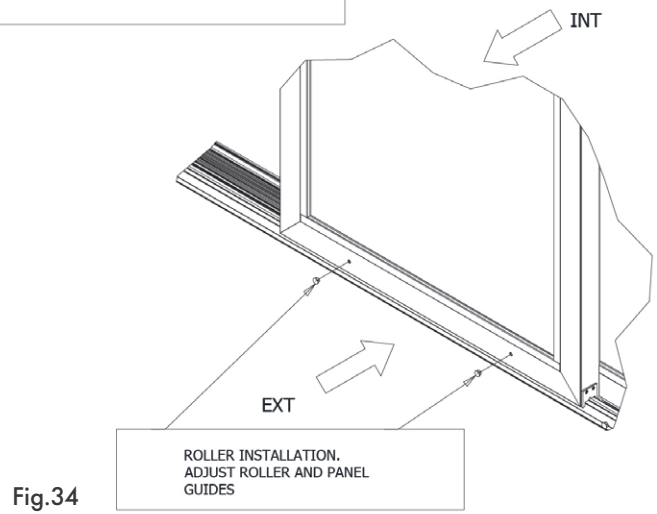
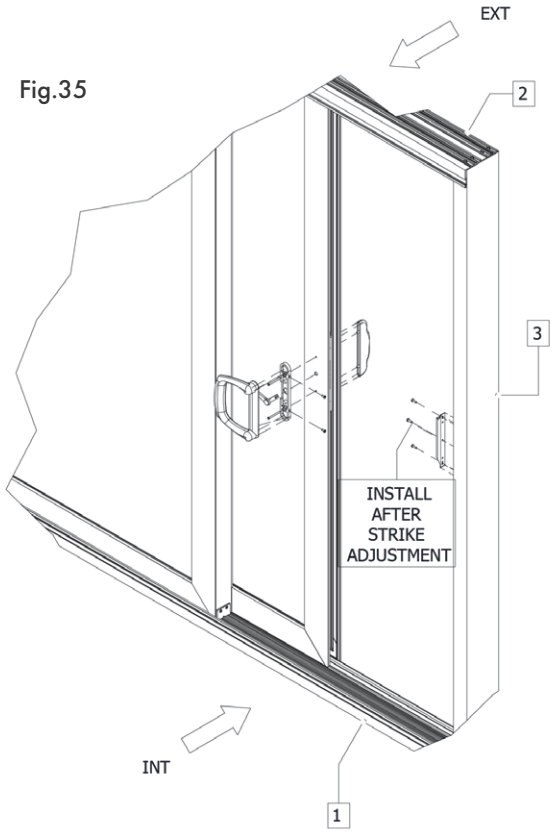


Fig.34

Fig.35



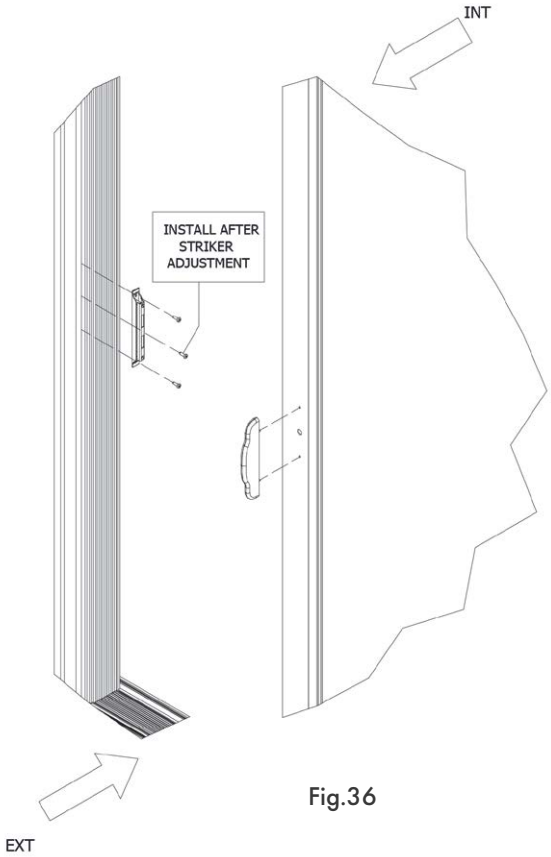


Fig.36

OXO PARTS

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)
23	

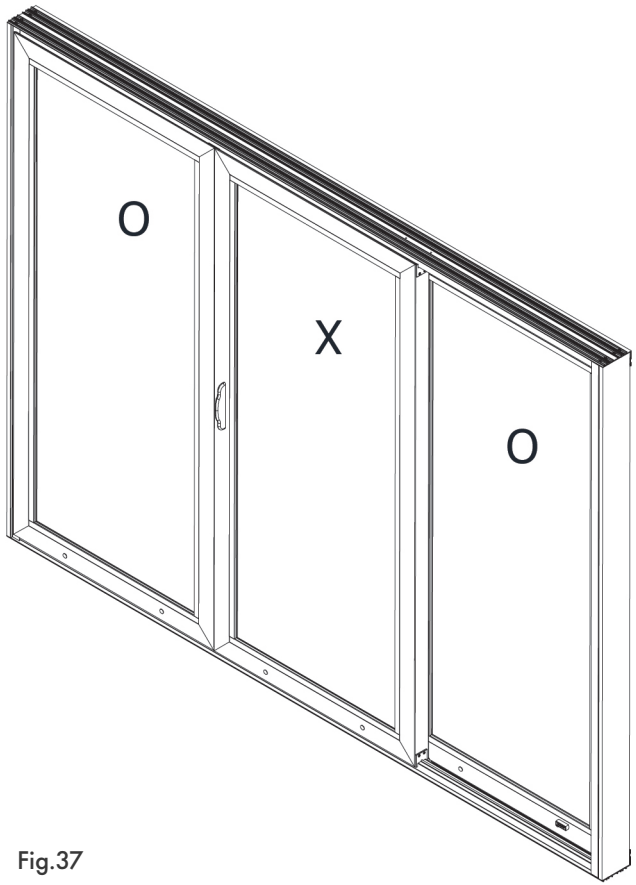


Fig.37

For OXO configuration see pages 49-50 for Panel Type Selection.

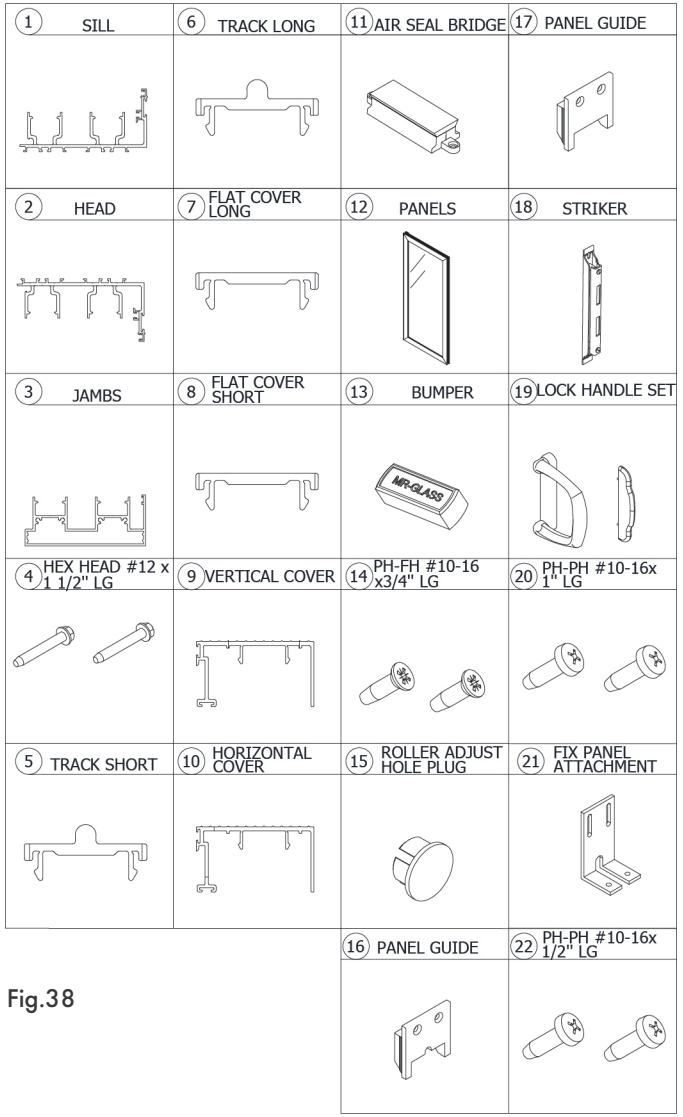


Fig.38

OXO TRACK INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)
23	

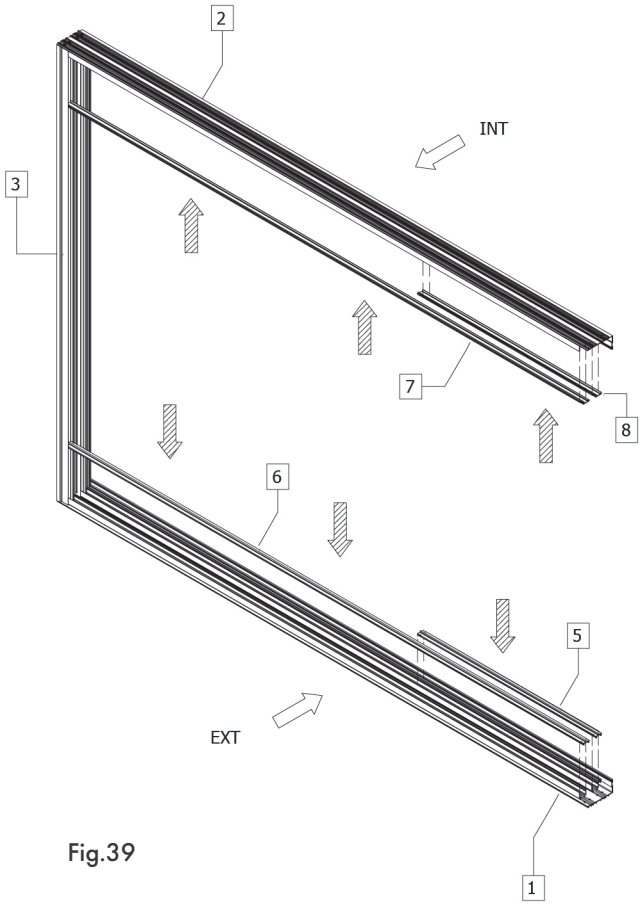


Fig.39

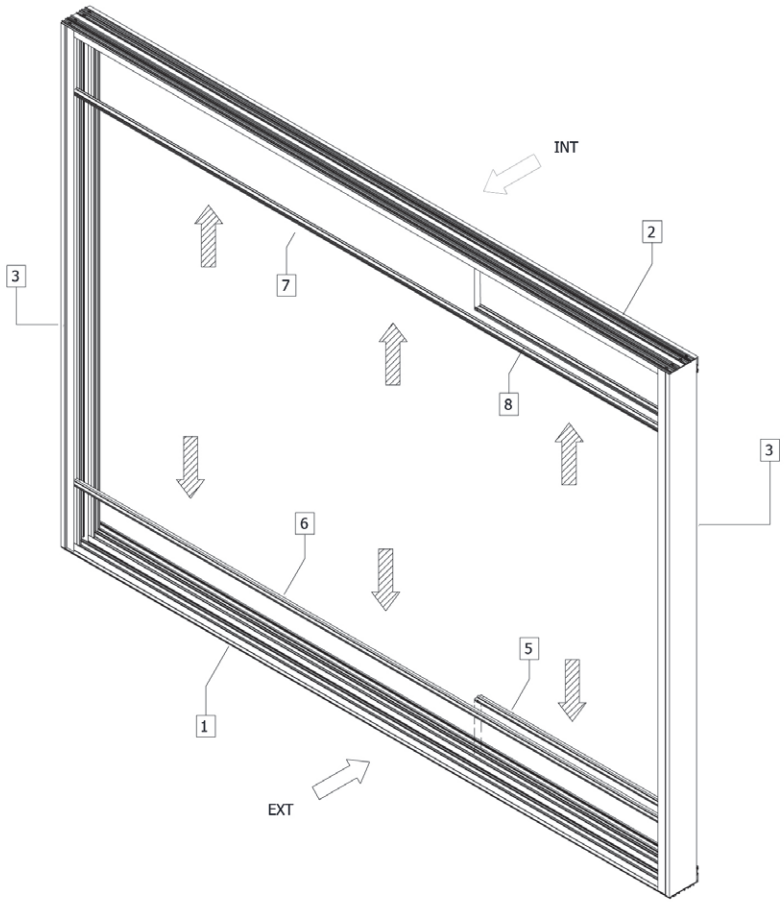


Fig.40

OXO PANELS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)
23	

Note: All panels are installed the same way. For the position of the panels with configuration OXO, See pages 49-50.

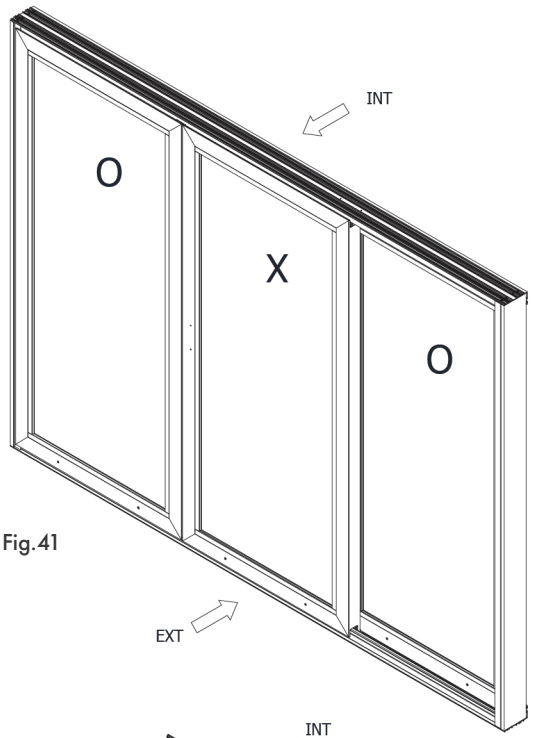
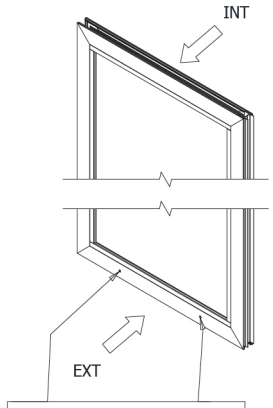


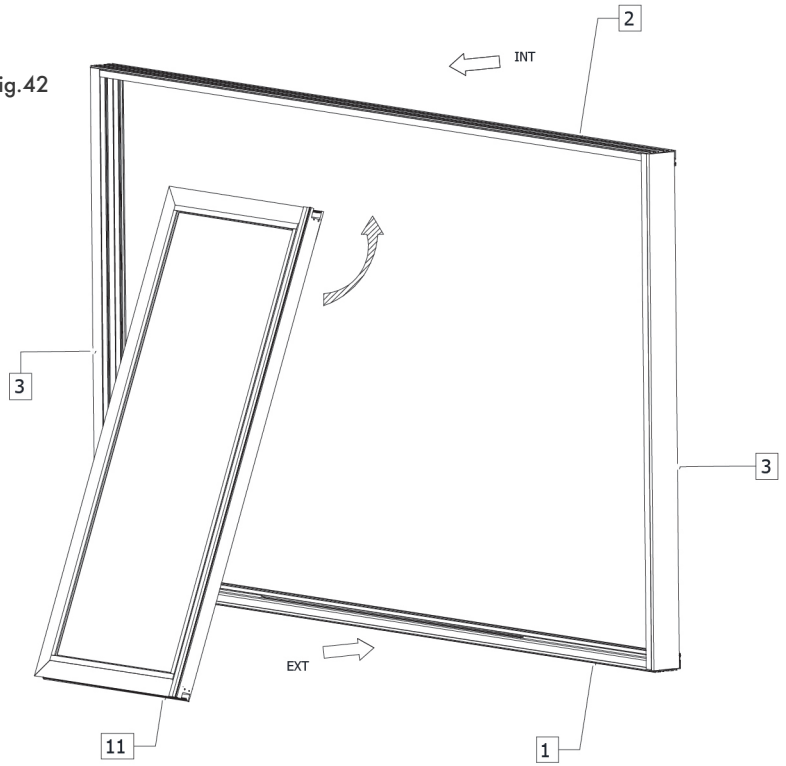
Fig.41

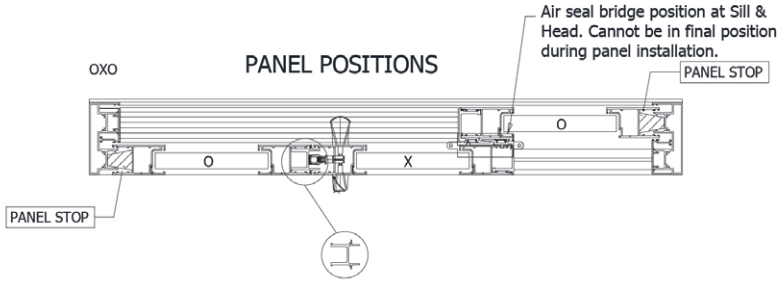


ADJUSTMENT HOLES AT BTM

Fig.43

Fig.42



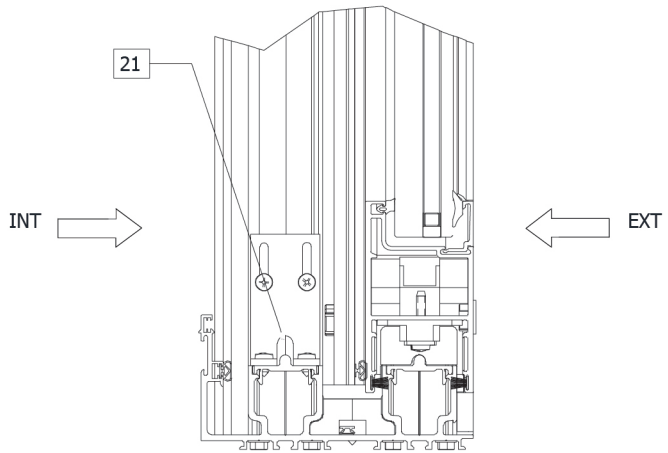


REMOVE PANEL INSTALLATION SCREWS AND REINSTALL AFTER PANEL IS IN FINAL POSITION AND HARDWARE #21 IS IN PLACE

Fig.44

OXO FIX PANEL ATTACHMENT

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)
23	



DETAIL A
SCALE 1:3

Fig.45

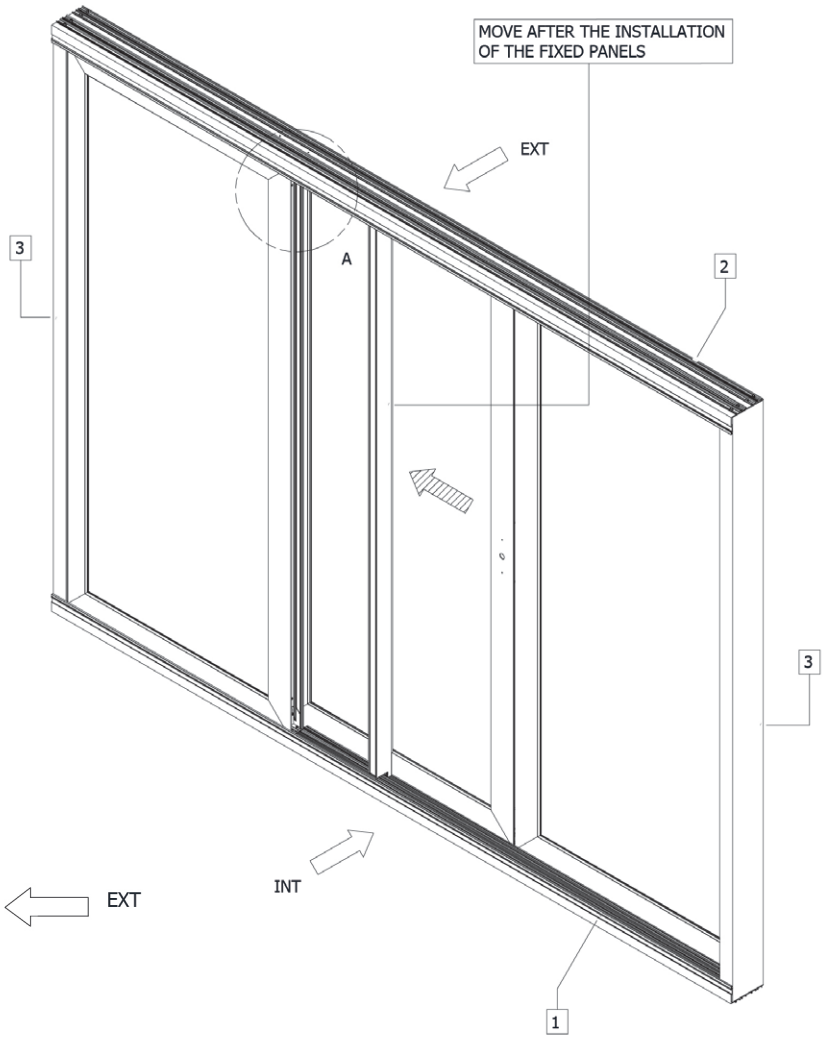


Fig.46

OXO COVER INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)

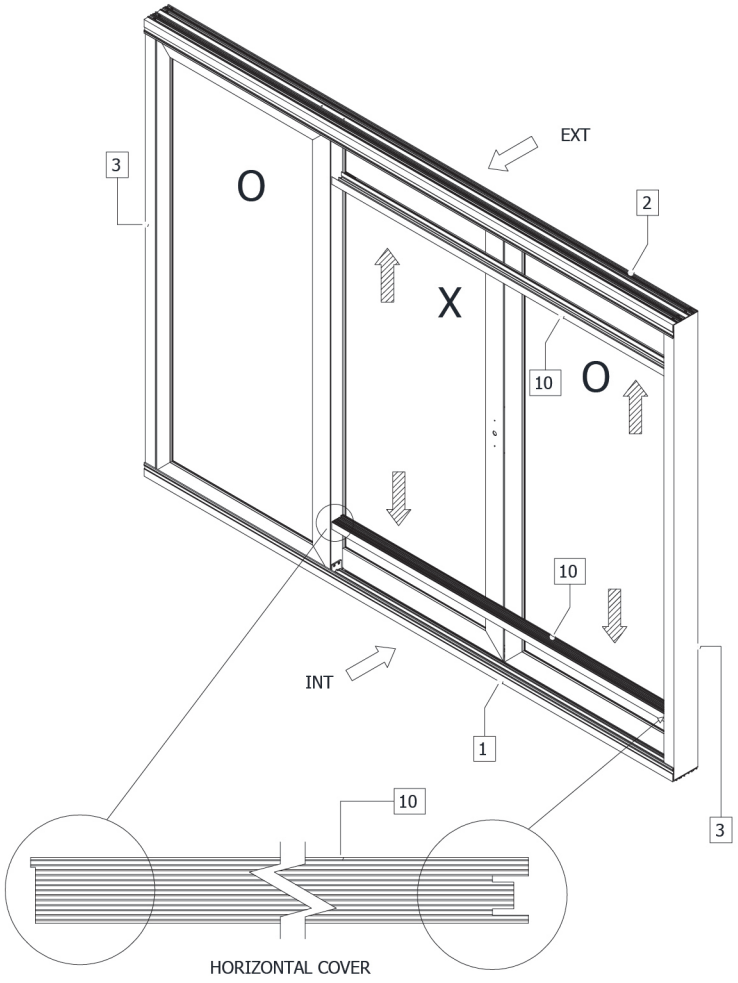


Fig.47

Fig.48

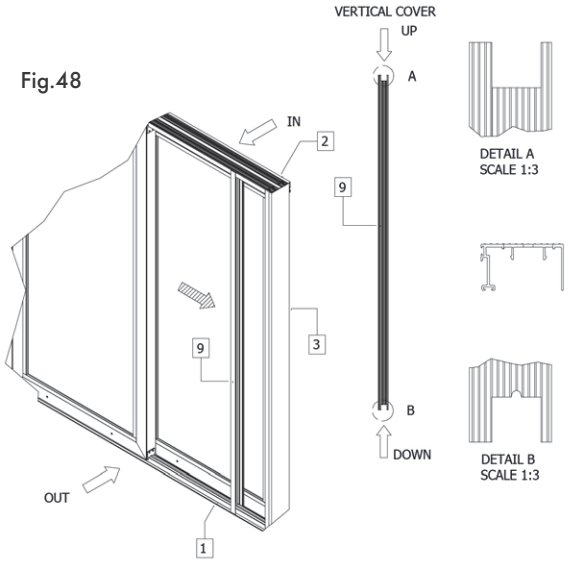
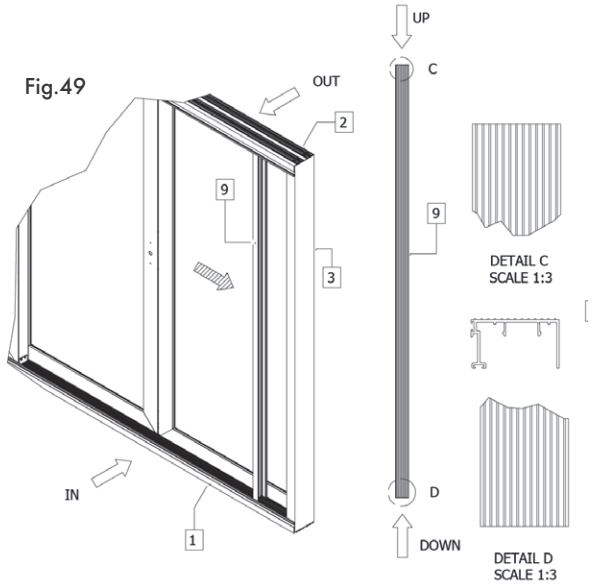


Fig.49



OXO APLICATION OF SILICONE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)

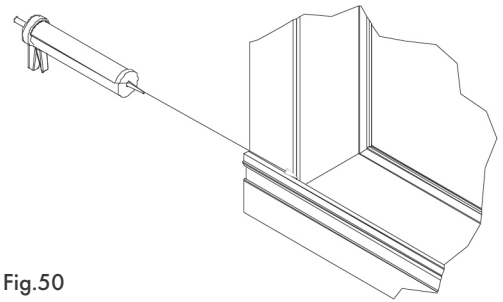


Fig.50

Apply silicone to cover the weatherstrip with the side of the door & gasket at Sill.

DETAIL C
SCALE 1:5

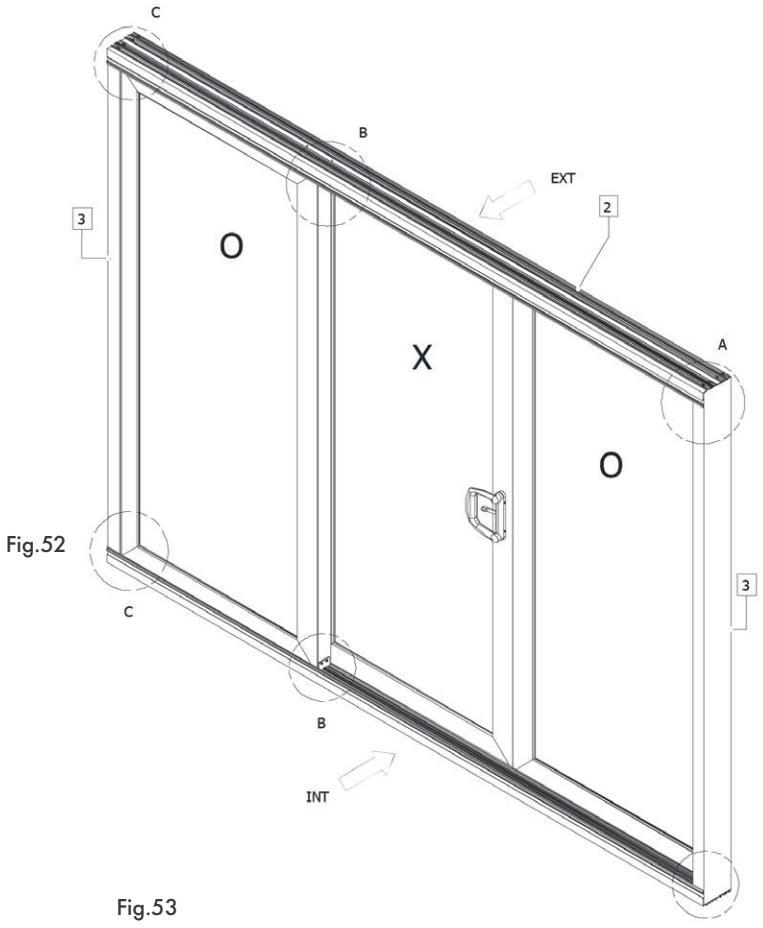
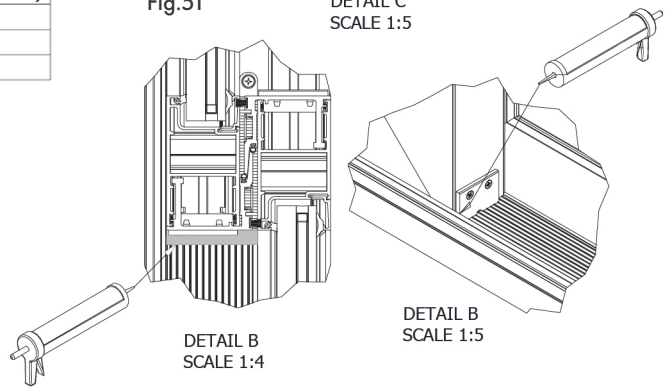


Fig.52

Fig.51

DETAIL C
SCALE 1:5

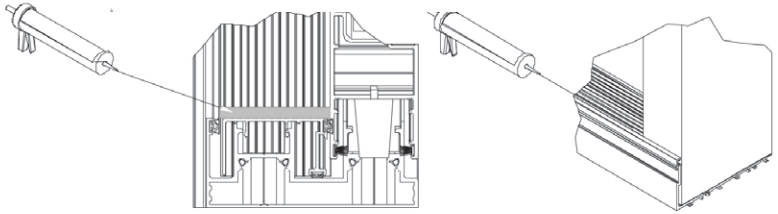


DETAIL B
SCALE 1:4

DETAIL B
SCALE 1:5

Apply silicone to cover the weatherstrip with the side of the door & gasket at Sill.

Fig.53



DETAIL A
SCALE 1:3

DETAIL A
ESCALA 1:5

OXO HANDLE INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (20 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (15 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (4 U)

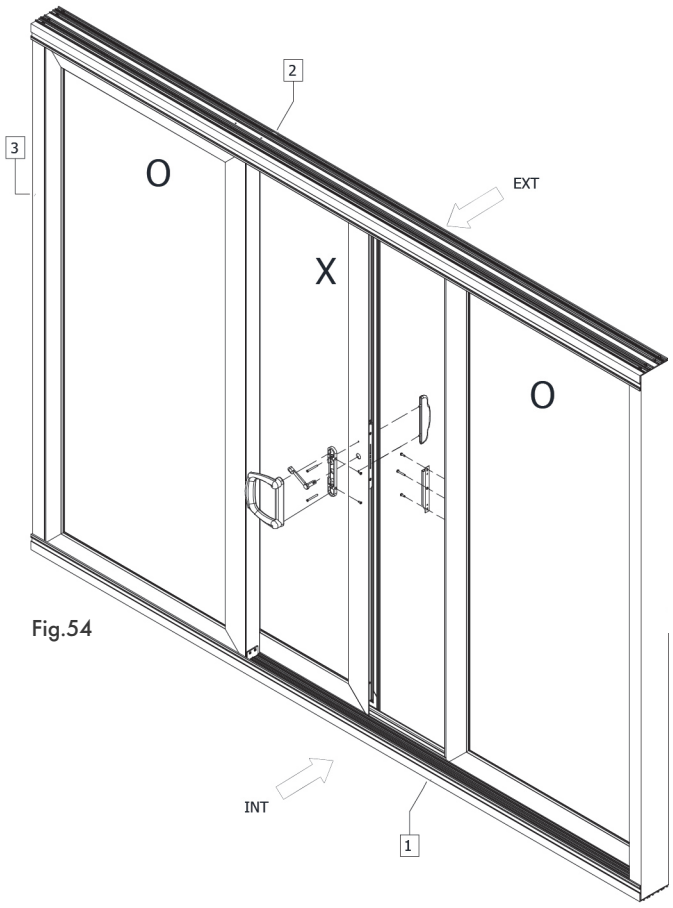
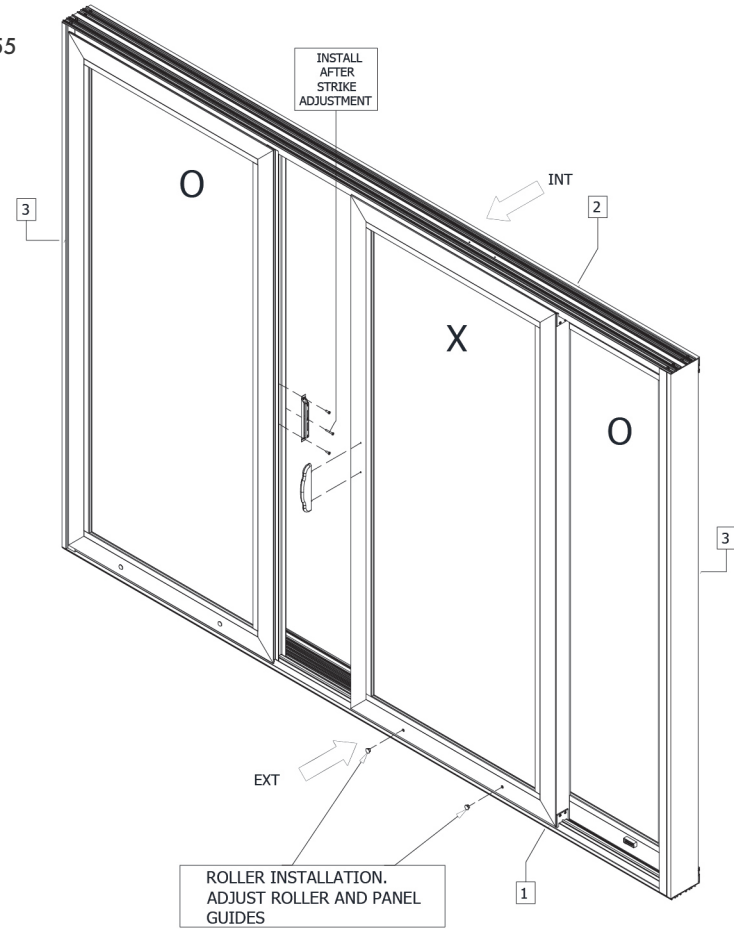


Fig.54

Fig.55



XOX PARTS

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Note: For XOX configuration
see pages 49-50 for Panel Type Selection.

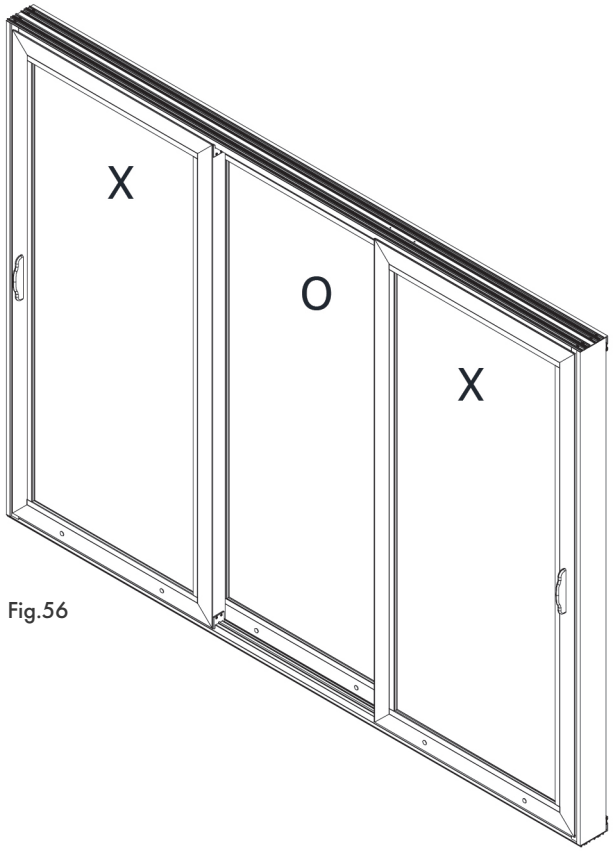


Fig.56

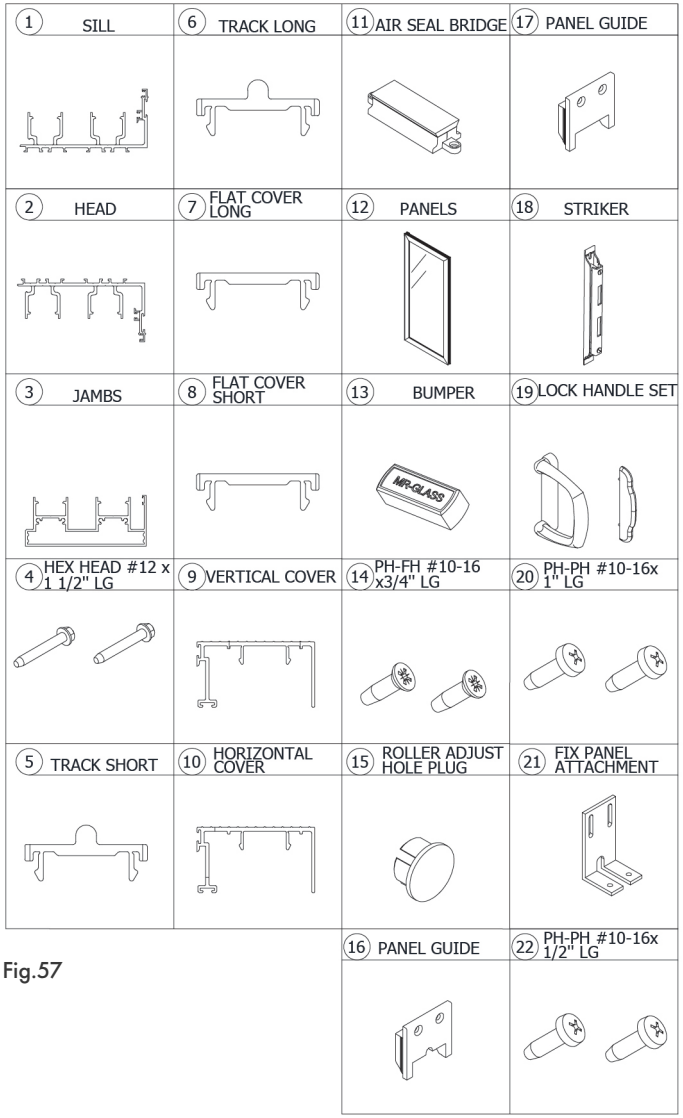


Fig.57

XOX TRACK INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

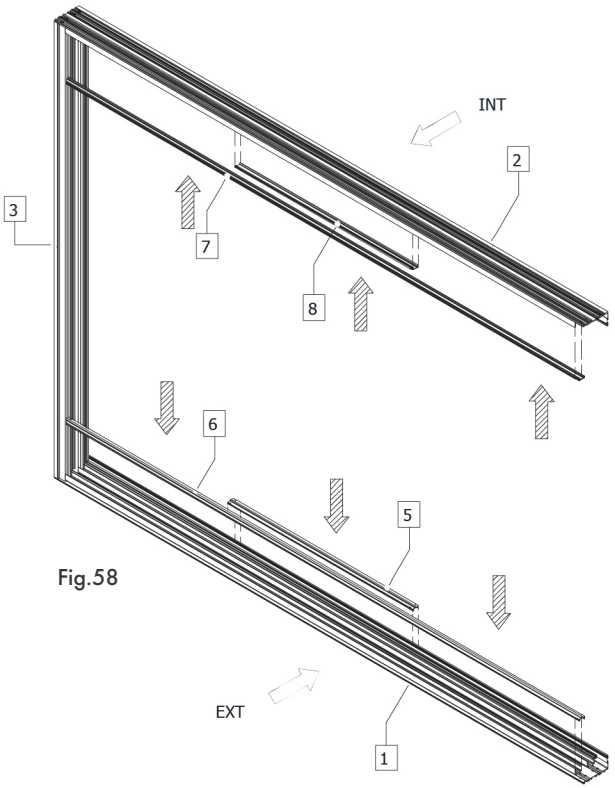


Fig.58

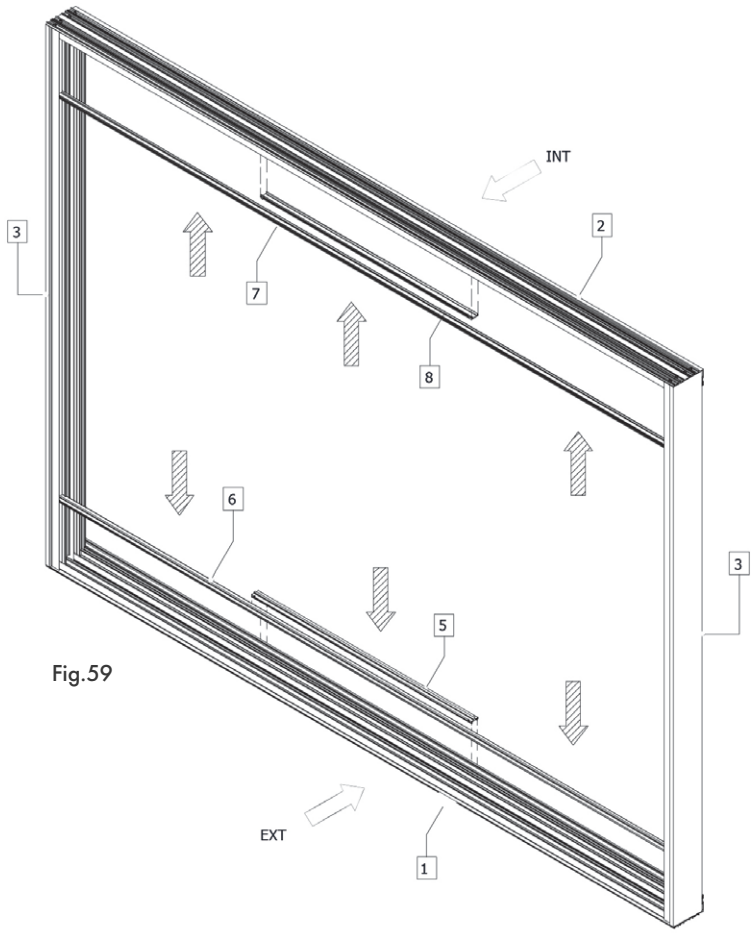


Fig.59

XOX PANELS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Note: All panels are installed the same way. For the position of the panels with configuration XOX, See pages 49-50.

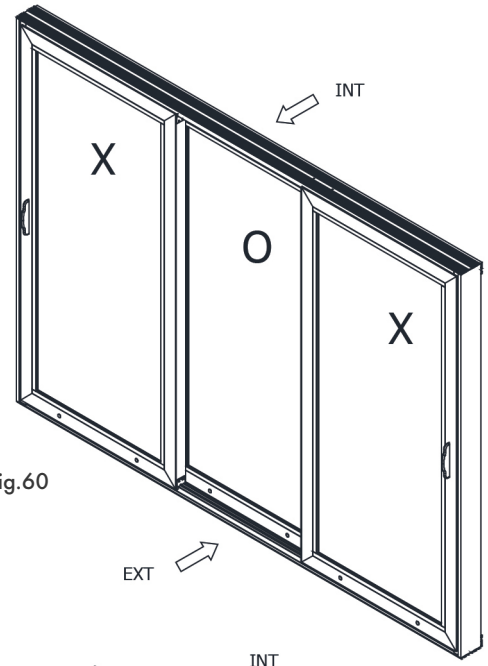


Fig.60

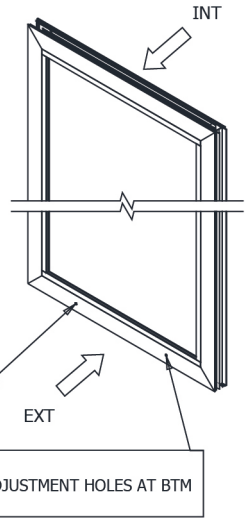


Fig.62

Fig.61

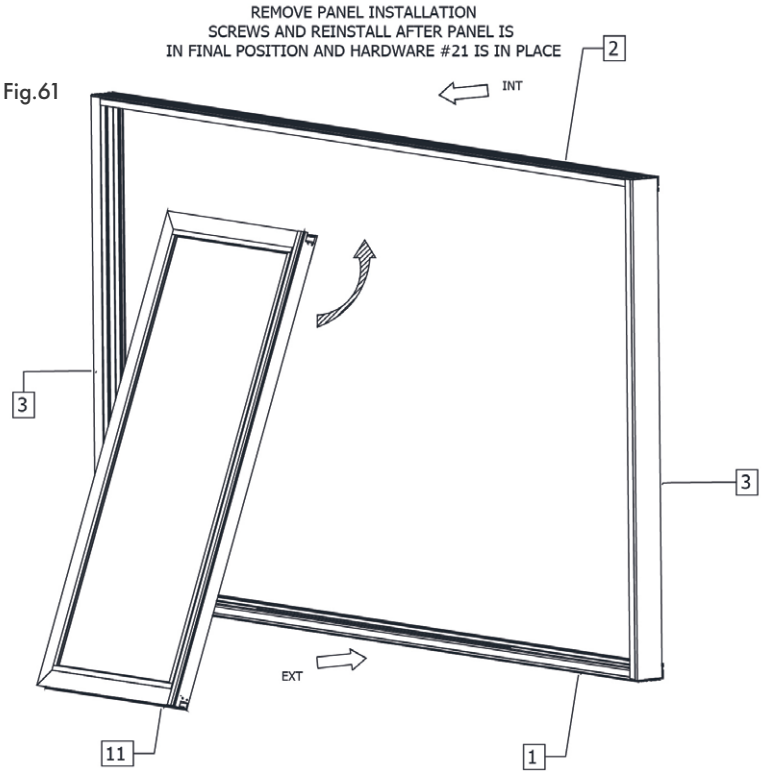
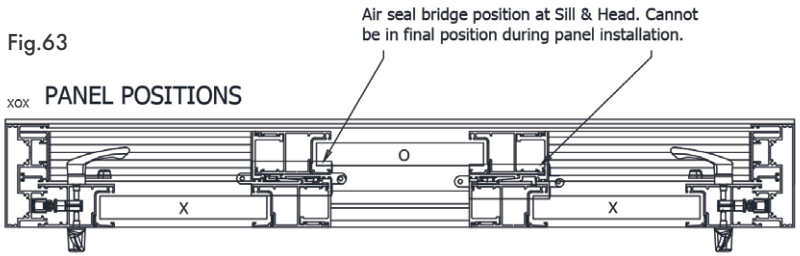


Fig.63



XOX COVERS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Fig.64

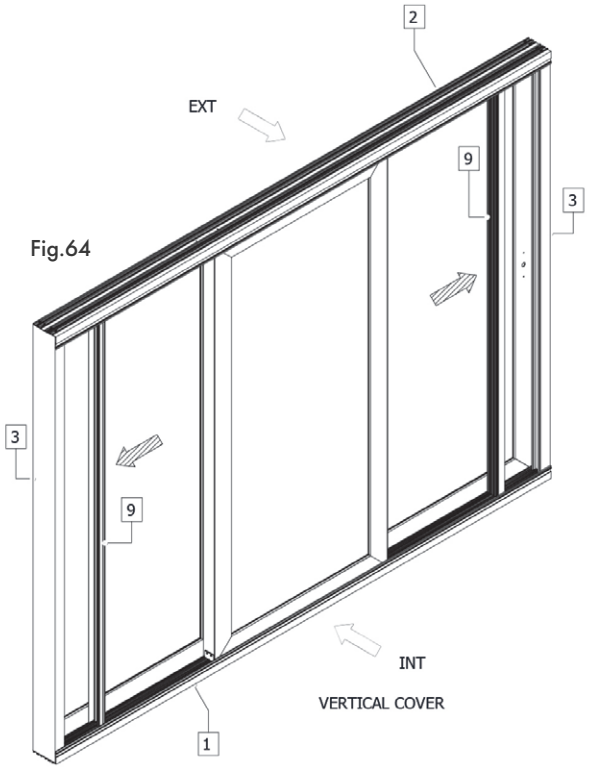


Fig.66

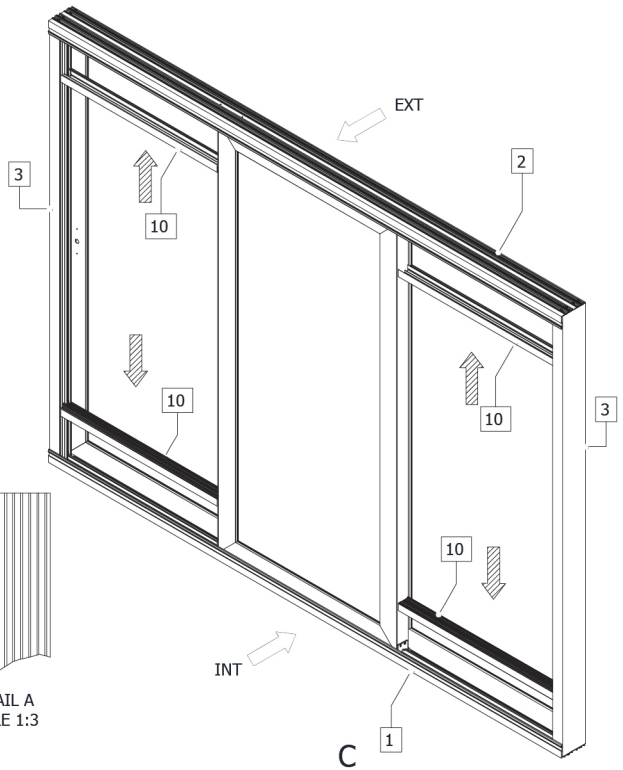


Fig.65

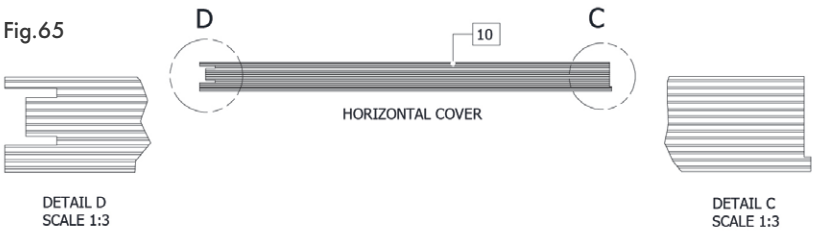
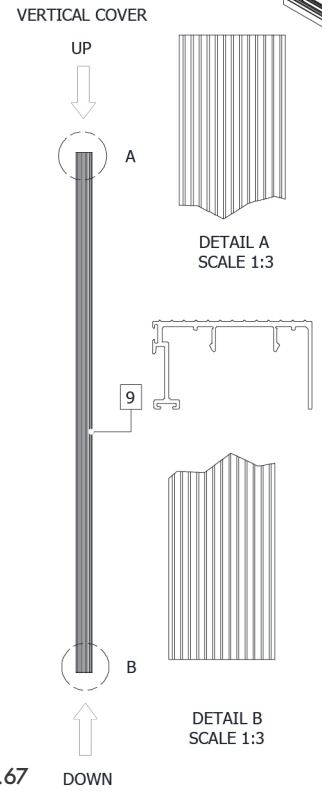


Fig.67



XOX APLICATION OF SILICONE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Fig.68

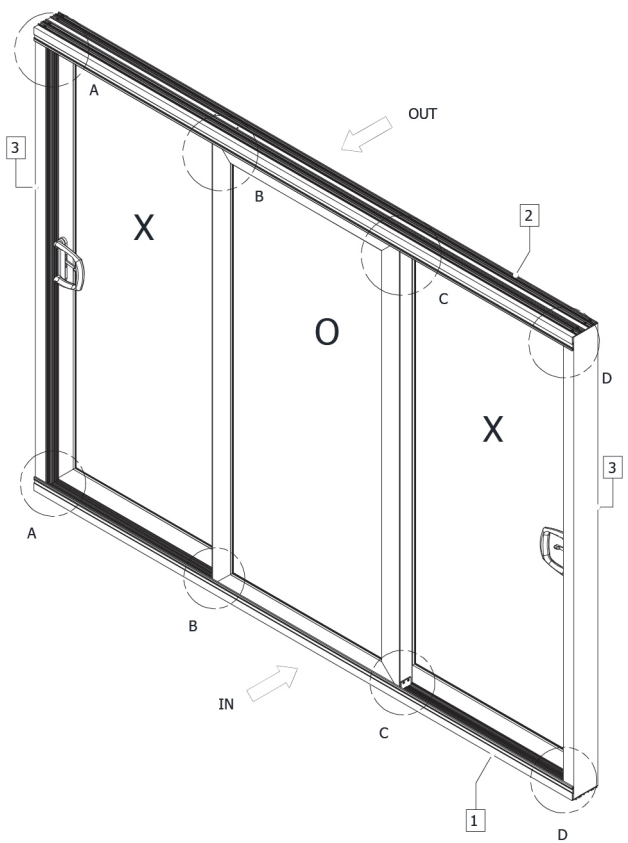
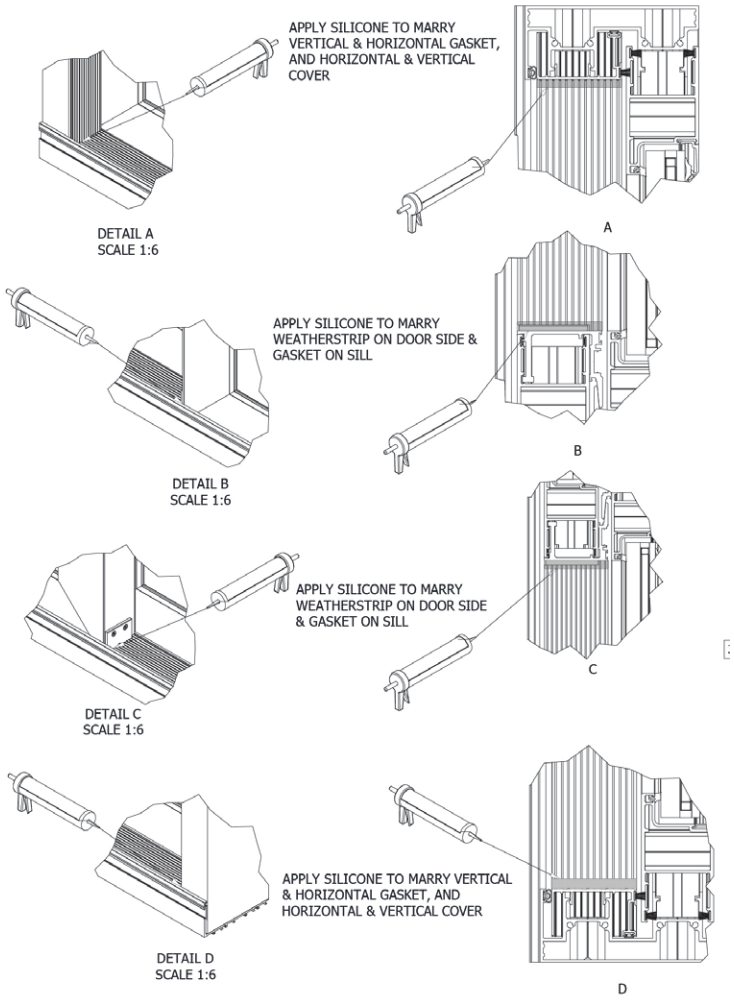


Fig.69



XOX HANDLE INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" (16 U)
5	TRACK SHORT (1 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (1 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (3 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (24 U)
15	ROLLER ADJUST HOLE PLUG (6 U)
16	BOTTOM PANEL GUIDE (4 U)
17	TOP PANEL GUIDE (4 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (14 U)
21	FIX PANEL ATTACHMENT (2 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Fig.70

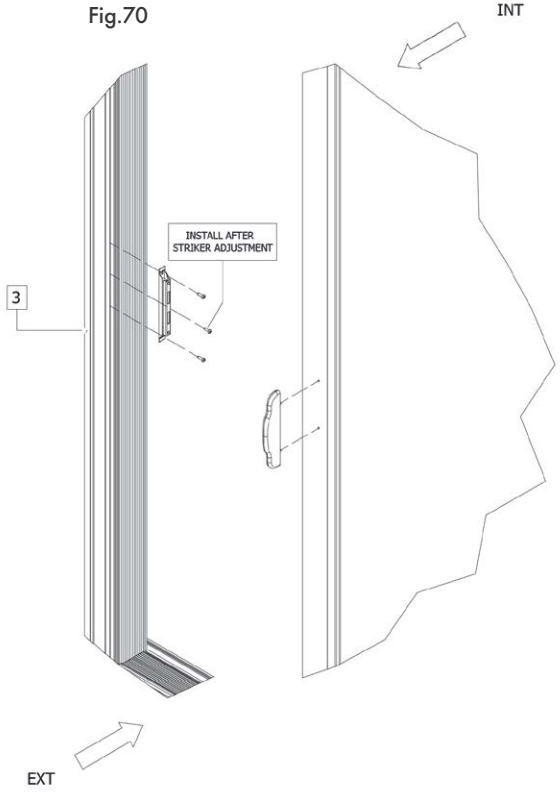
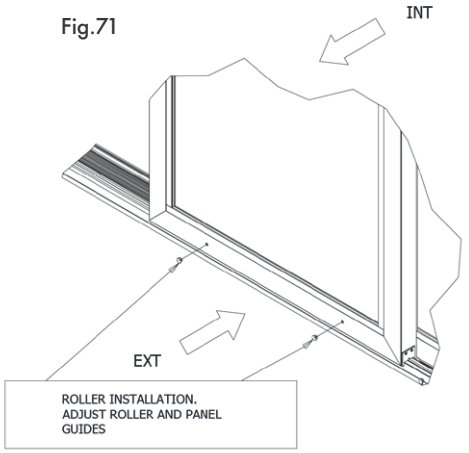


Fig.71



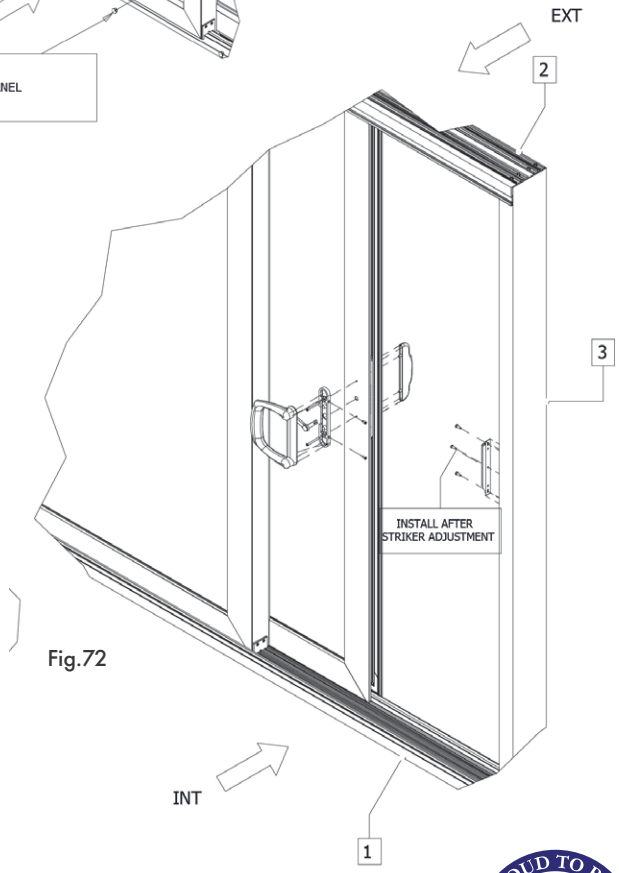


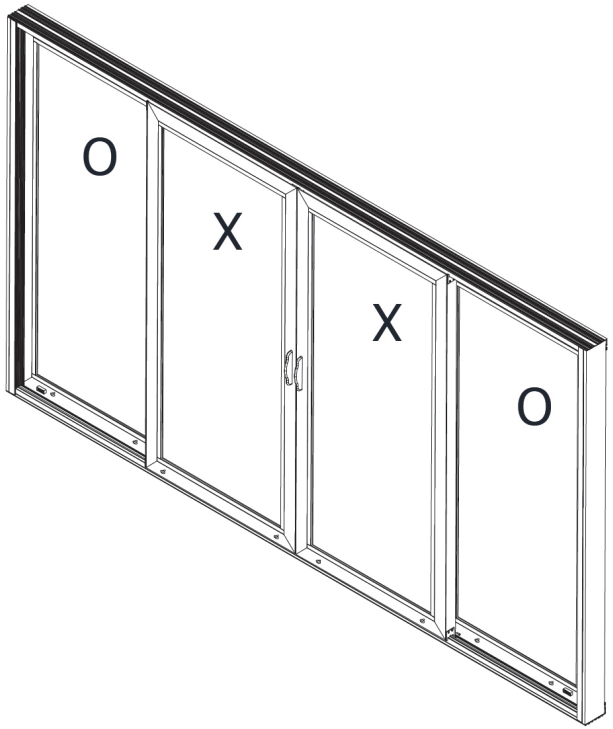
Fig.72

OXXO PARTS

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Note: For OXXO configuration
see pages 49-50 for Panel Type Selection.

Fig.73



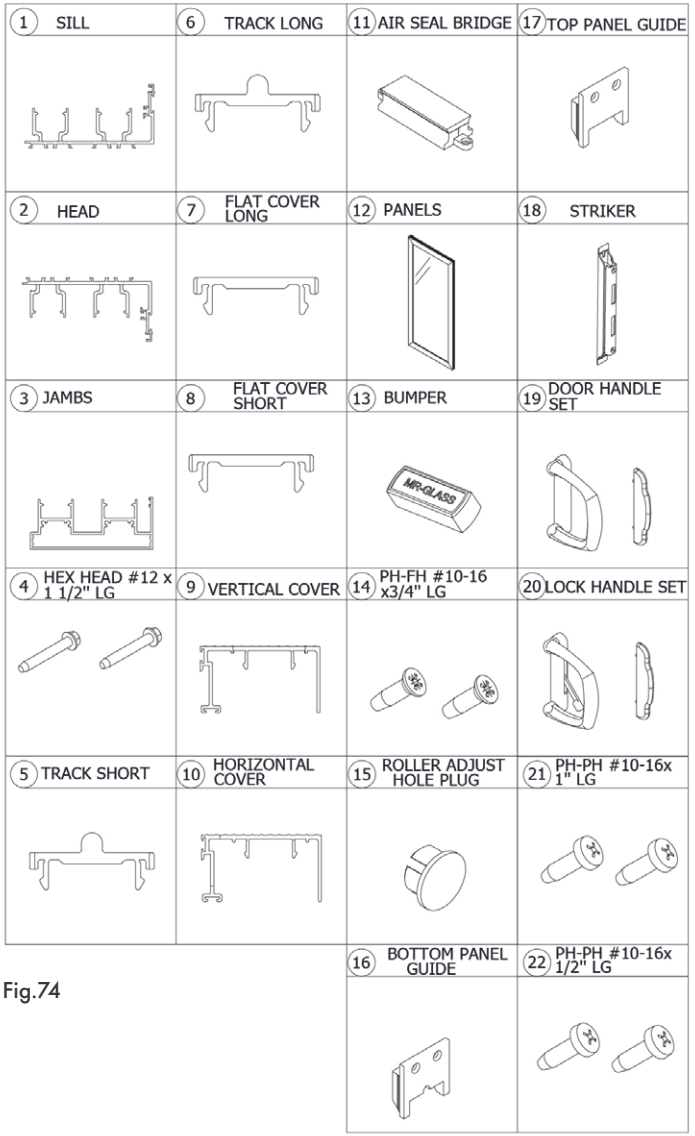


Fig.74

OXXO TRACK INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Fig.75

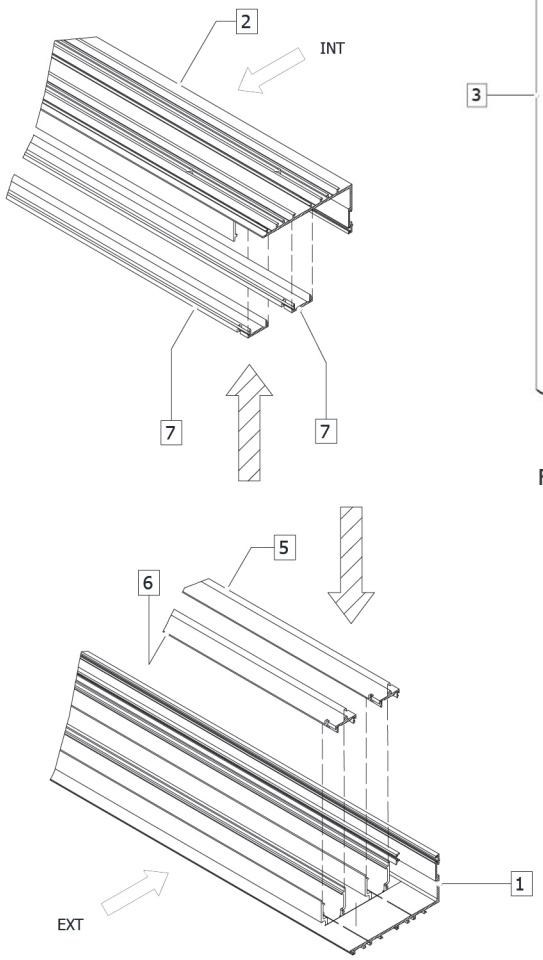
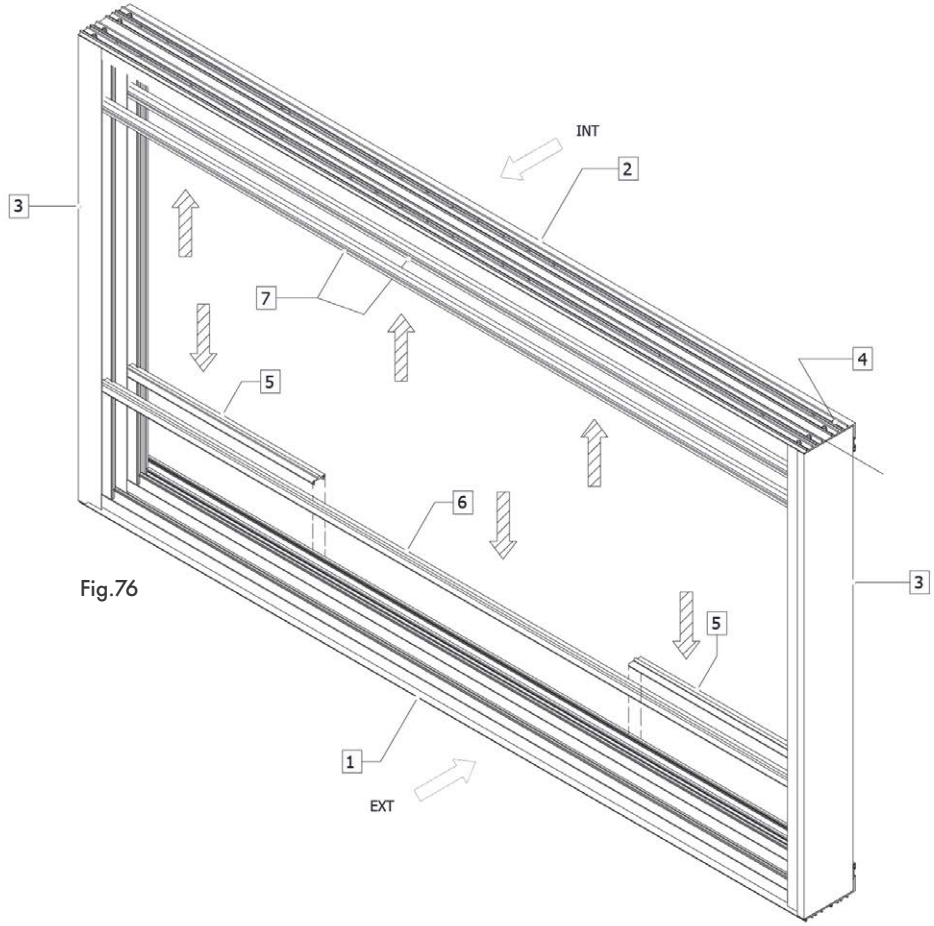


Fig.76



OXXO PANELS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Note: All panels are installed the same way. For the position of the panels with configuration OXXO, See pages 49-50.

Fig.77

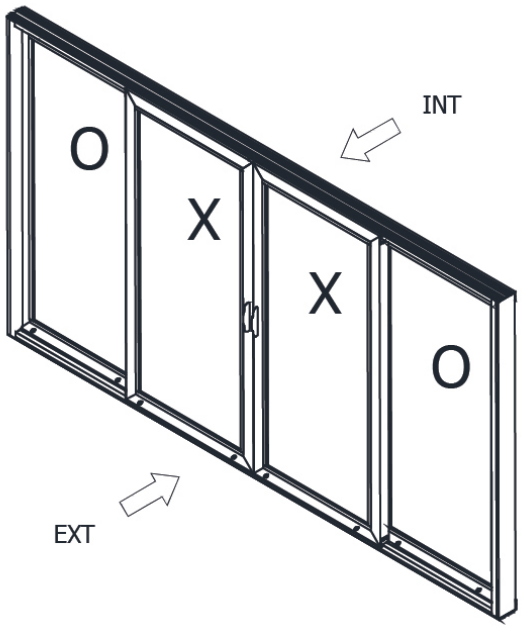


Fig.79

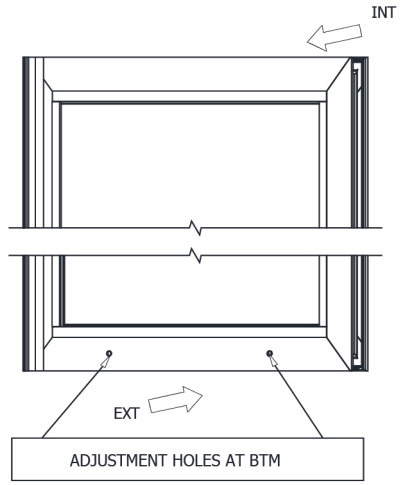
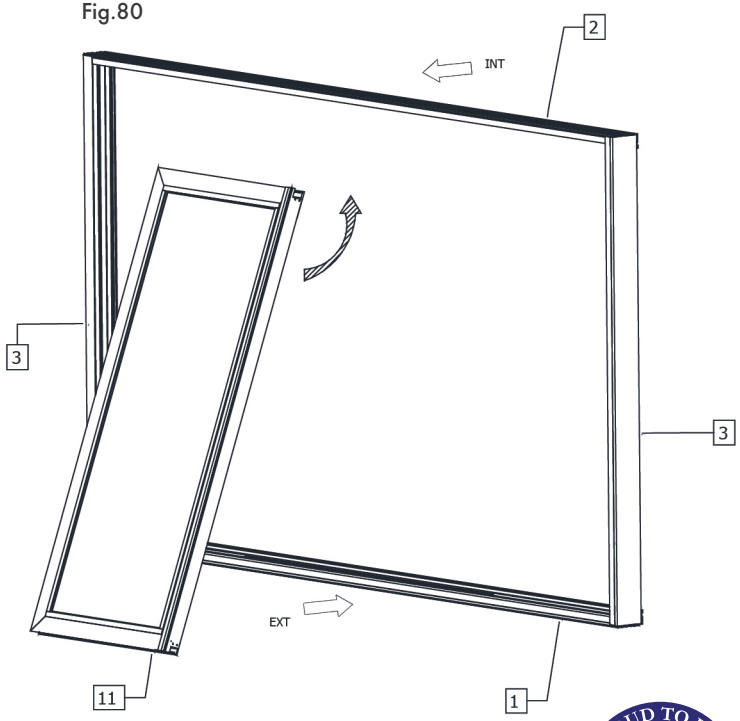


Fig.80



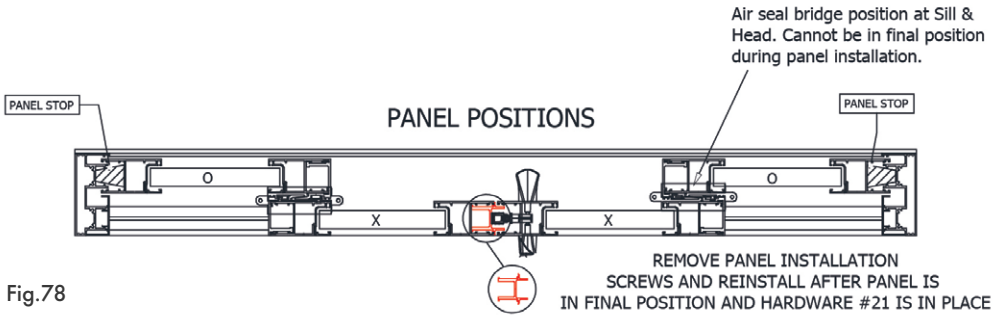


Fig.78

OXXO COVERS INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

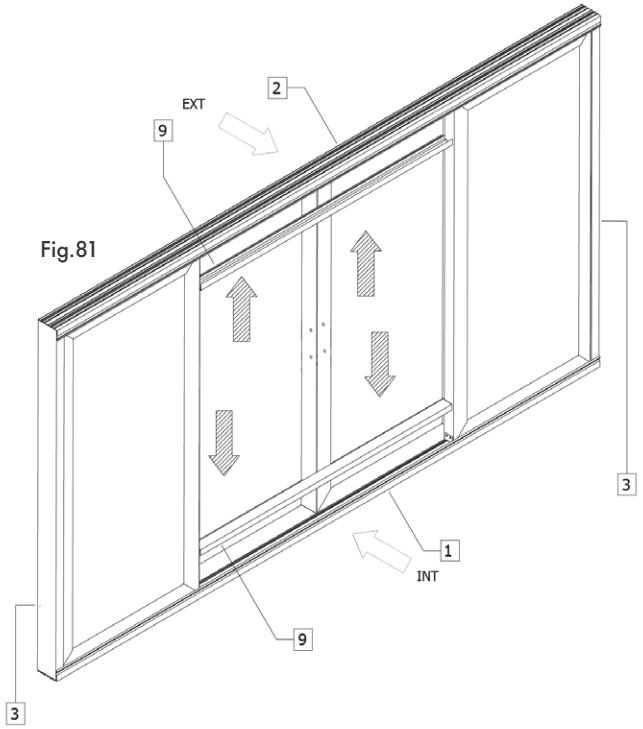


Fig.81

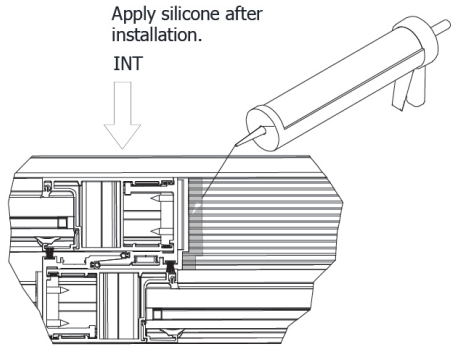
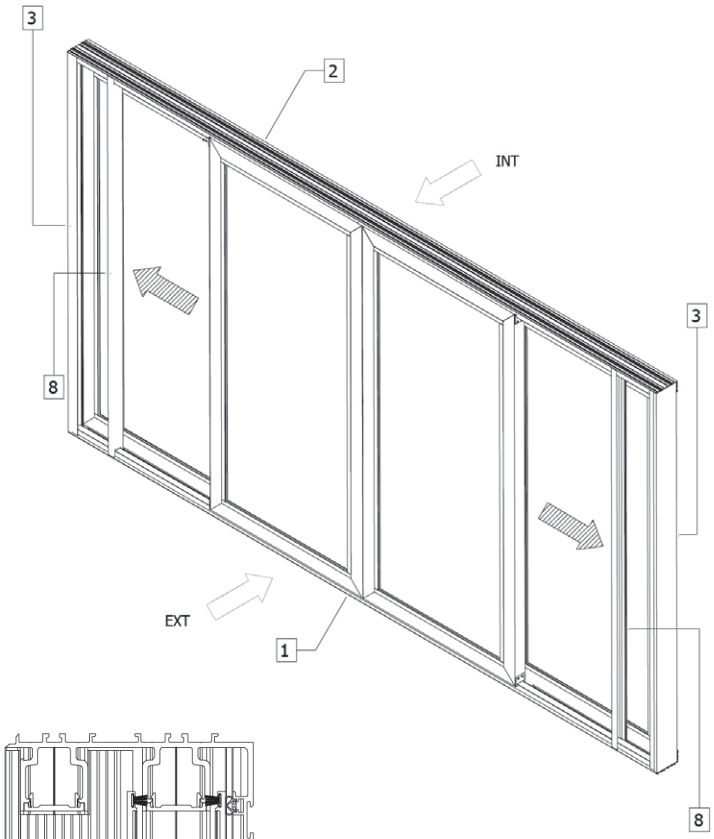


Fig.82

Fig.83



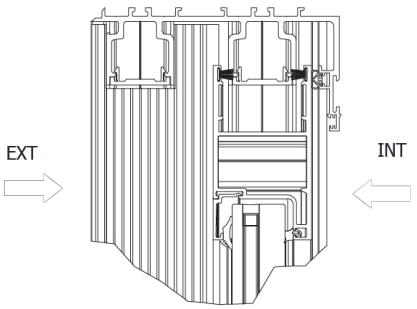


Fig.84

OXXO APPLICATION OF SILICONE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

Fig.86

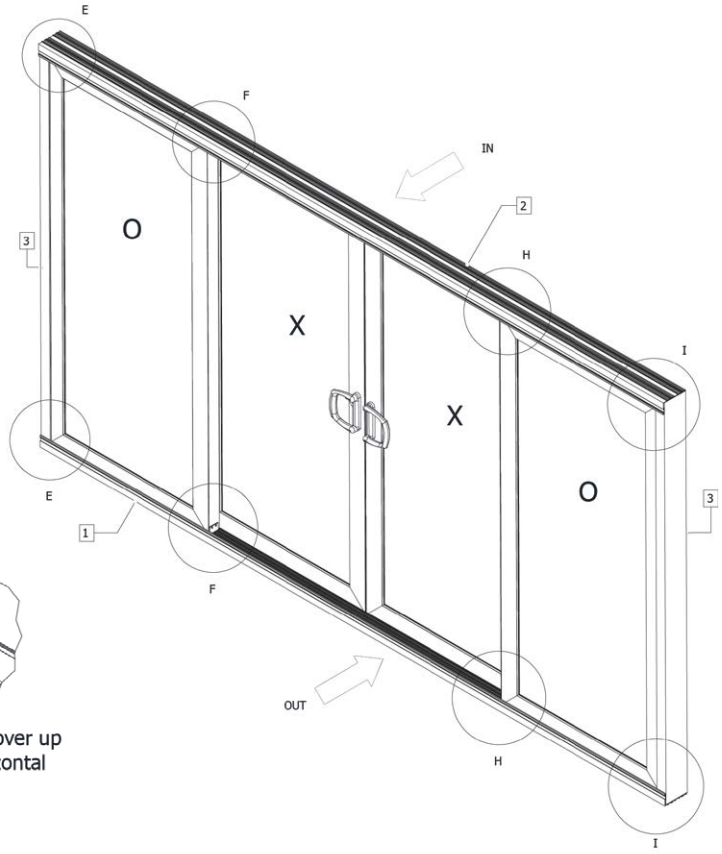
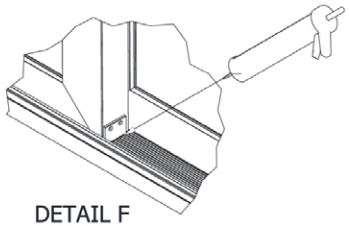
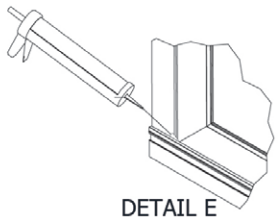


Fig.85



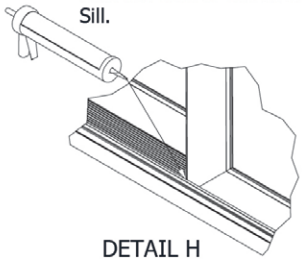
DETAIL F

Apply silicone to cover the weatherstrip with the side of the door & gasket on the Sill.



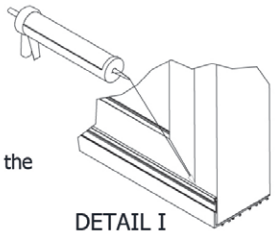
DETAIL E

Apply silicone to cover up the vertical & horizontal joint



DETAIL H

Apply silicone to cover the weatherstrip with the side of the door & gasket on the Sill.



DETAIL I

Apply silicone to cover up the vertical & horizontal joint

OXXO HANDLE INSTALLATION

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS AISI 410 (16 U)
5	TRACK SHORT (2 U)
6	TRACK LONG (1 U)
7	FLAT COVER LONG (1 U)
8	FLAT COVER SHORT (2 U)
9	VERTICAL COVER (2 U)
10	HORIZONTAL COVER (2 U)
11	AIR SEAL BRIDGE (4 U)
12	PANELS (4 U)
13	BUMPER (2 U)
14	PH-FH #10-16x3/4" LG SMS AISI 316 (32 U)
15	ROLLER ADJUST HOLE PLUG
16	BOTTOM PANEL GUIDE
17	TOP PANEL GUIDE
18	STRIKER
19	DOOR HANDLE SET
20	LOCK HANDLE SET
21	PH-PH #10-16x1" LG SELF-DRILLING AISI 410 (12 U)
22	PH-PH #10-16x1/2" LG SMS AISI 316 (8 U)
23	

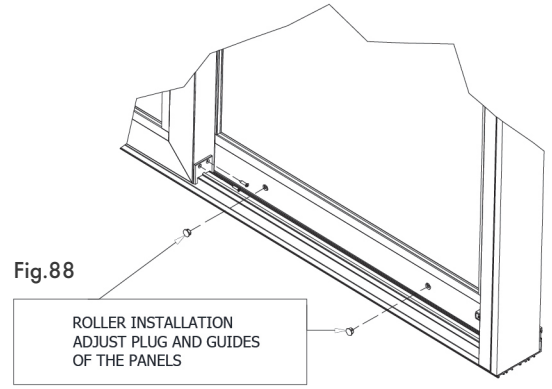
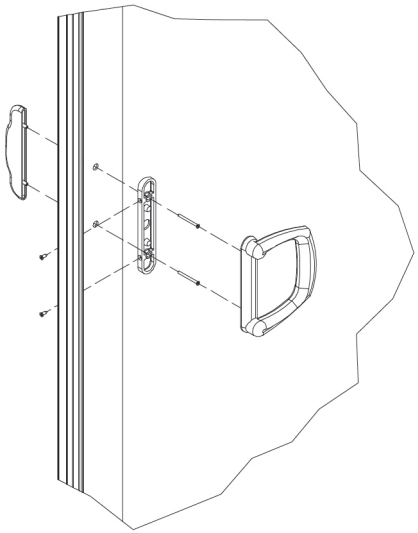


Fig.88



HANDLE INSTALLATION

Fig.87

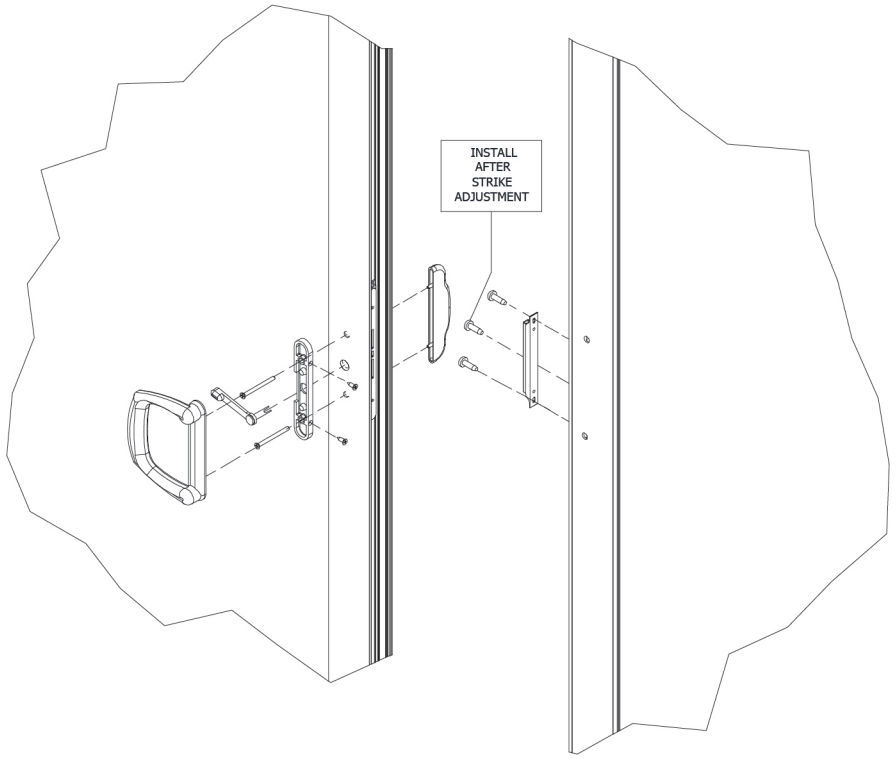


Fig.89 DOOR CLOSER INSTALLATION

POCKET DOOR INSTALLATION

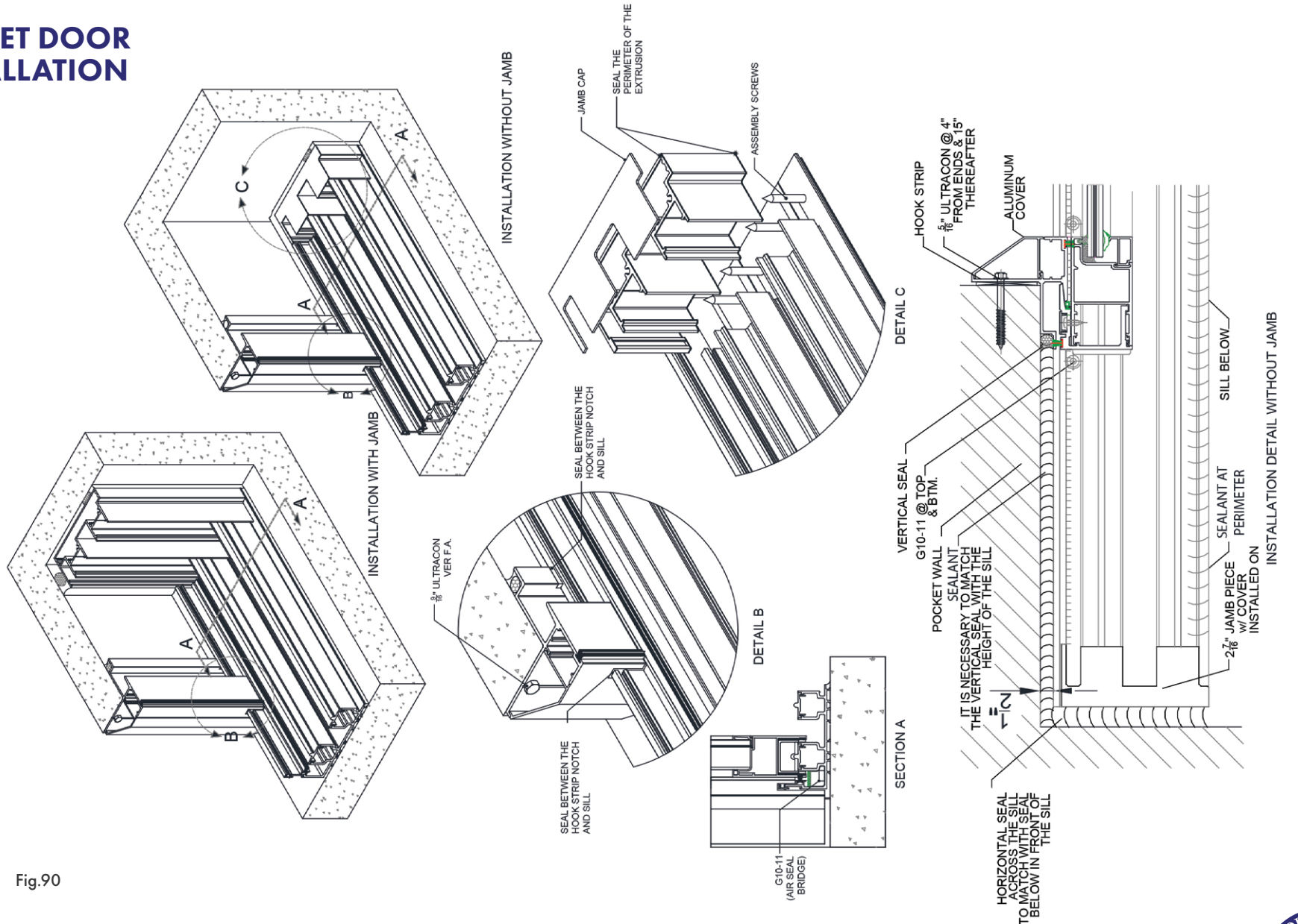


Fig.90

XP AND PX PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	HOOK STRIP (1 U)
6	HOOK STRIP COVER (1 U)
7	TRACK LONG (1 U)
8	FLAT COVER LONG (3 U)
9	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (8 U)
10	VERTICAL COVER (1 U)
11	AIR SEAL BRIDGE G10-11 (1 U)
12	PANEL (1 U)
13	BUMPER (2 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (4 U)
15	ROLLER ADJUST HOLE PLUG (2 U)
16	BOTTOM PANEL GUIDE (1 U)
17	TOP PANEL GUIDE (1 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (4 U)
21	
22	
23	
24	
25	

Note: For XP/PX configuration
see pages 49-50 for Panel Type Selection.

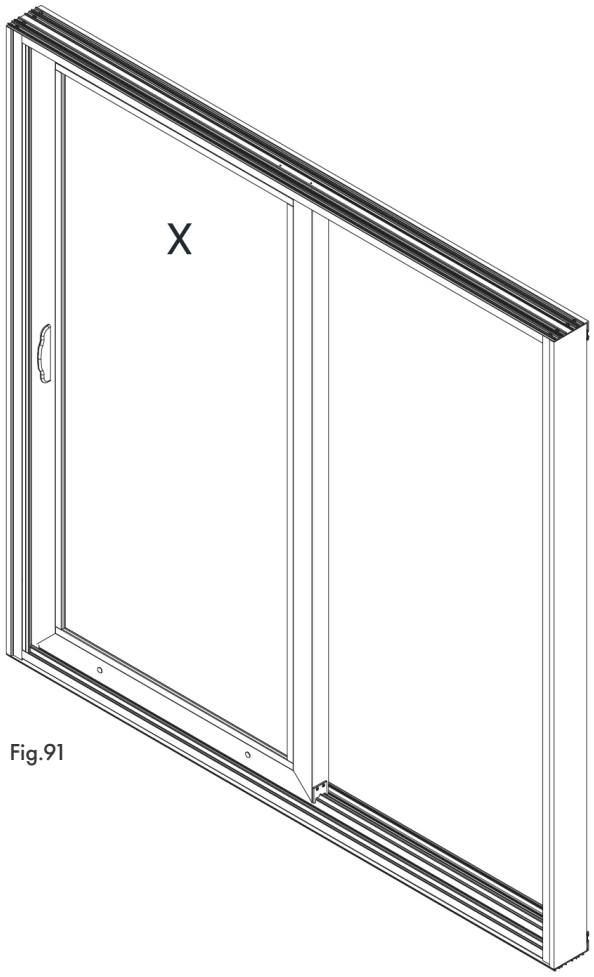
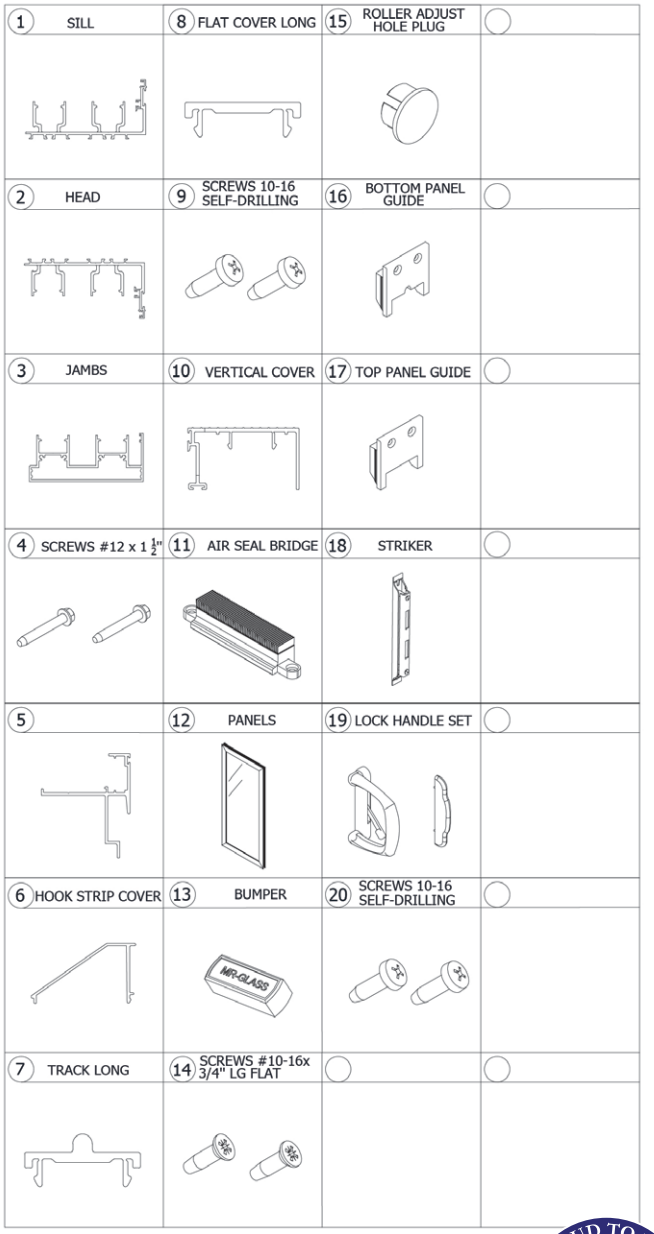


Fig.91

Fig.92



PXXP KD PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	HOOK STRIP (2 U)
6	HOOK STRIP COVER (2 U)
7	TRACK LONG (1 U)
8	FLAT COVER LONG (3 U)
9	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
10	AIR SEAL BRIDGE G10-11 (4 U)
11	PANEL (2 U)
12	BUMPER (4 U)
13	PH-FH #10-16 x 3/4" SMS. AISI 316 (8 U)
14	ROLLER ADJUST HOLE PLUG (4 U)
15	BOTTOM PANEL GUIDE (2 U)
16	TOP PANEL GUIDE (2 U)
17	STRIKER (1 U)
18	LOCK HANDLE SET (1 U)
19	PH-PH #10-16 x 1/2" SMS. AISI 316 (8 U)
20	PULL HANDLE SET (1 U)
21	
22	
23	
24	
25	

Note: For PXXP configuration see pages 49-50 for Panel Type Selection.

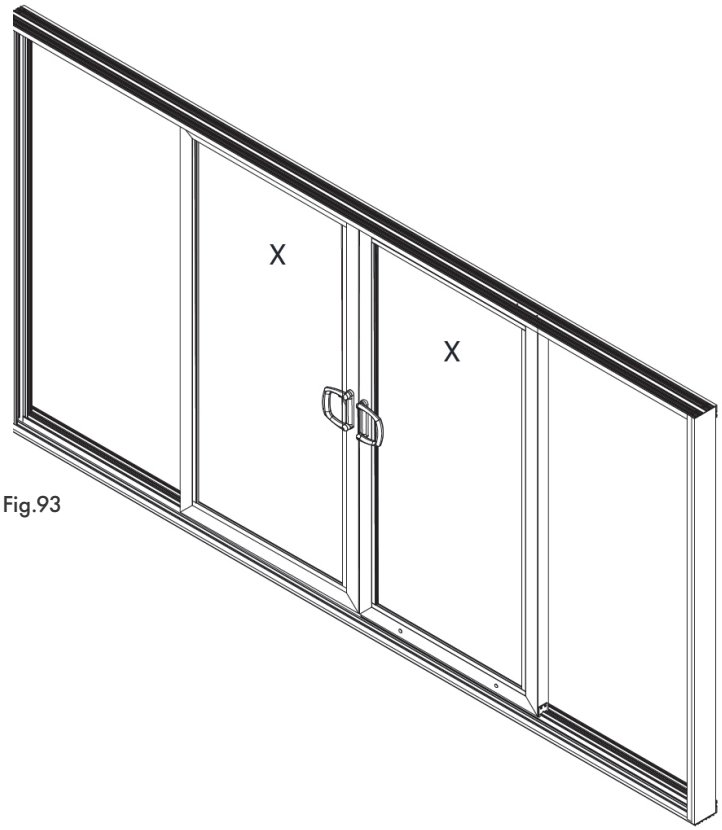


Fig.93

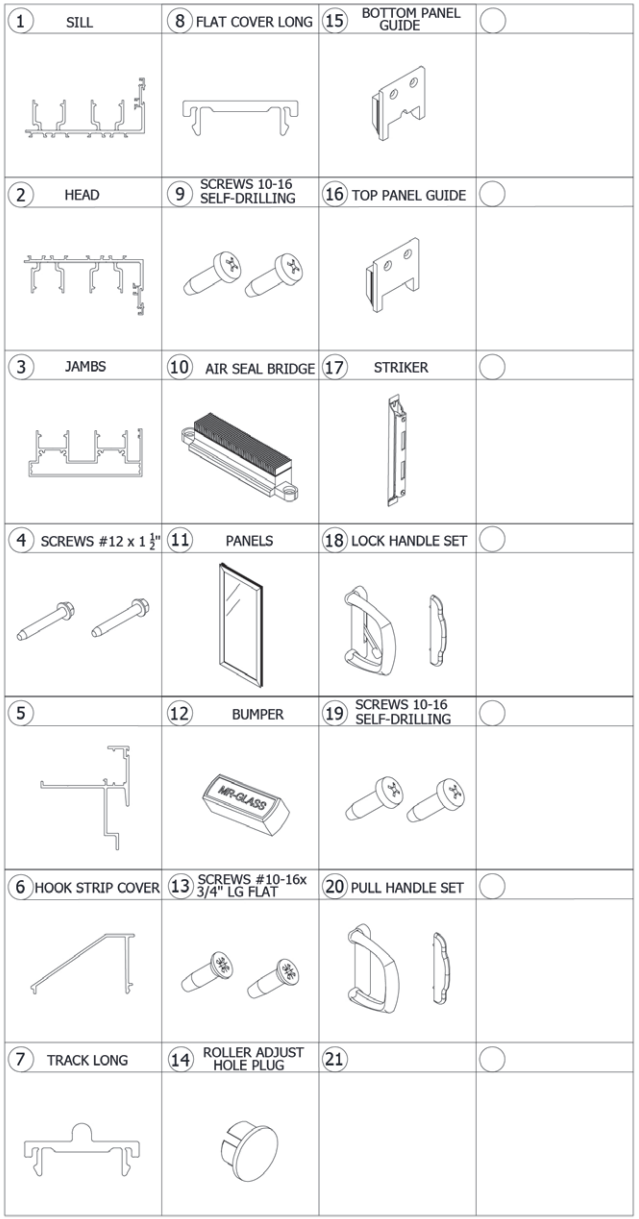


Fig.94

PXX AND XXP KD PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	HOOK STRIP (1 U)
6	HOOK STRIP COVER (1 U)
7	TRACK LONG (2 U)
8	FLAT COVER LONG (2 U)
9	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (12 U)
10	VERTICAL COVER (1 U)
11	AIR SEAL BRIDGE G10-11 (2 U)
12	PANEL (2 U)
13	BUMPER (4 U)
14	PH-FH #10-16 x 3/4" SMS. AISI 316 (8 U)
15	ROLLER ADJUST HOLE PLUG (4 U)
16	BOTTOM PANEL GUIDE (2 U)
17	TOP PANEL GUIDE (2 U)
18	STRIKER (1 U)
19	LOCK HANDLE SET (1 U)
20	PH-PH #10-16 x 1/2" SMS. AISI 316 (8 U)
21	AIR SEAL BRIDGE G10-09 (2 U)
22	DRAINAGE COVER (1 U)
23	
24	
25	

Note: For XXP/PXX configuration see pages 49-50 for Panel Type Selection.

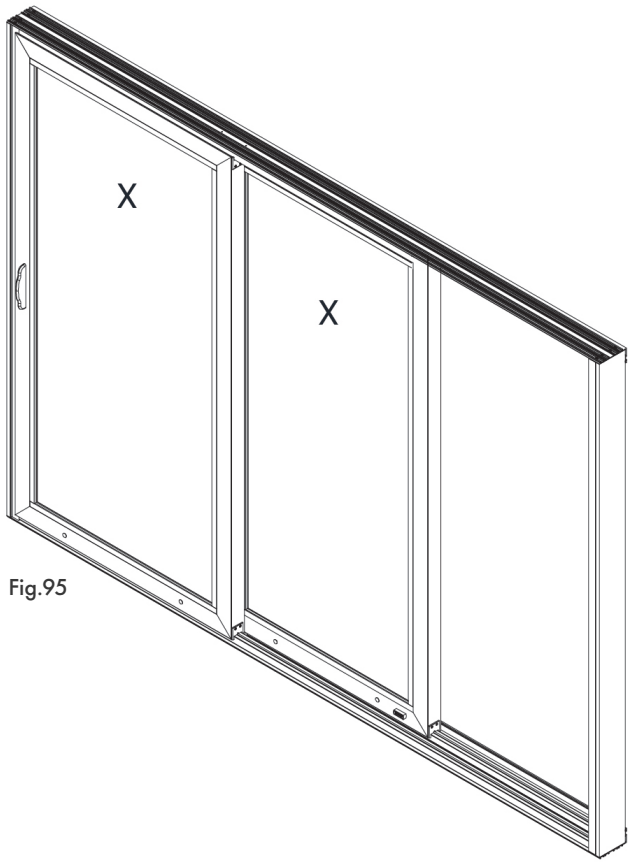


Fig.95

Fig.96

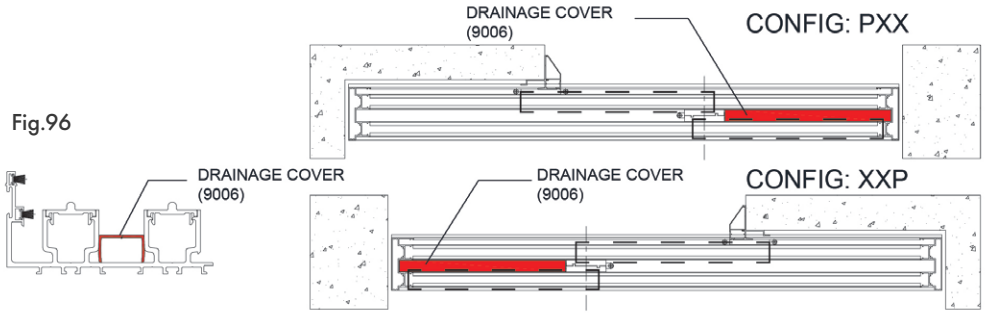
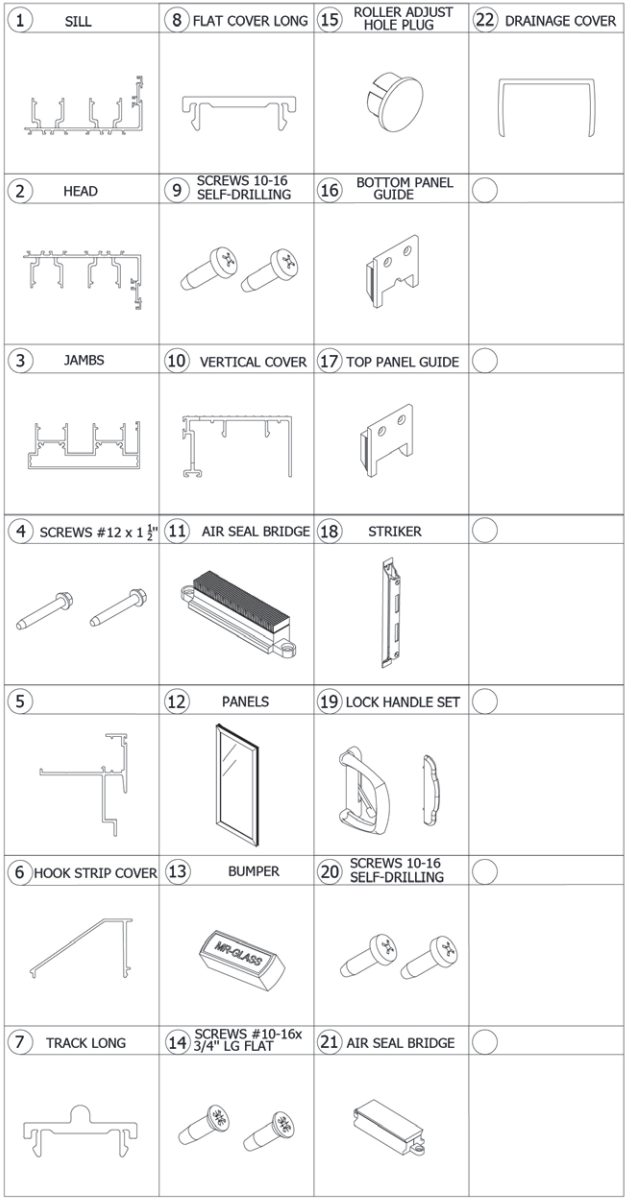


Fig.97



PXXXXP KD PACKAGE

PART No.	DESCRIPTION:
1	SILL (1 U)
2	HEAD (1 U)
3	JAMBS (2 U)
4	HEX HEAD #12 x 1 1/2" SMS. AISI 410 (16 U)
5	HOOK STRIP (2 U)
6	HOOK STRIP COVER (2 U)
7	TRACK LONG (2 U)
8	FLAT COVER LONG (2 U)
9	PH-PH #10-16 x 1" SELF DRILLING. AISI 410 (20 U)
10	AIR SEAL BRIDGE G10-11 (4 U)
11	PANEL (4 U)
12	BUMPER (8 U)
13	PH-FH #10-16 x 3/4" SMS. AISI 316 (24 U)
14	ROLLER ADJUST HOLE PLUG (8 U)
15	BOTTOM PANEL GUIDE (6 U)
16	TOP PANEL GUIDE (6 U)
17	STRIKER (1 U)
18	LOCK HANDLE SET (1 U)
19	PH-PH #10-16 x 1/2" SMS. AISI 316 (16 U)
20	AIR SEAL BRIDGE (4 U)
21	PULL HANDLE SET (1 U)
22	DRAINAGE COVER (1 U)
23	
24	
25	

Note: For PXXXXP configuration see pages 49-50 for Panel Type Selection.

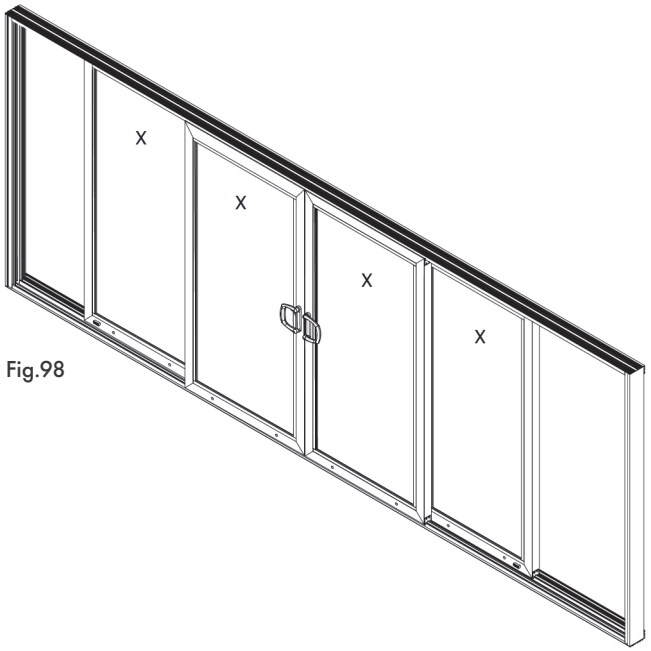


Fig.98

Fig.99

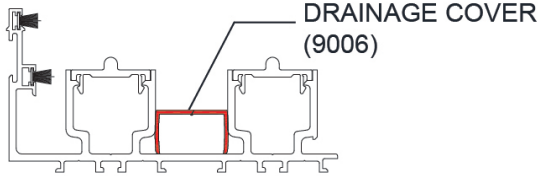


Fig.100

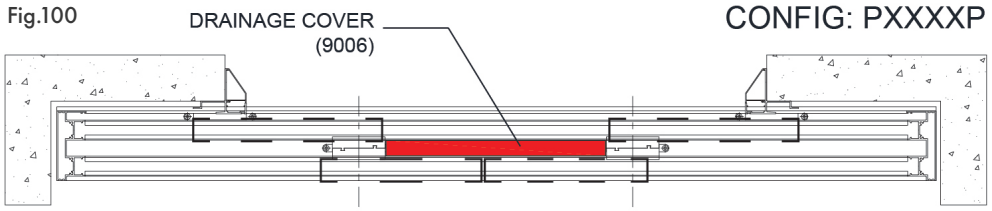
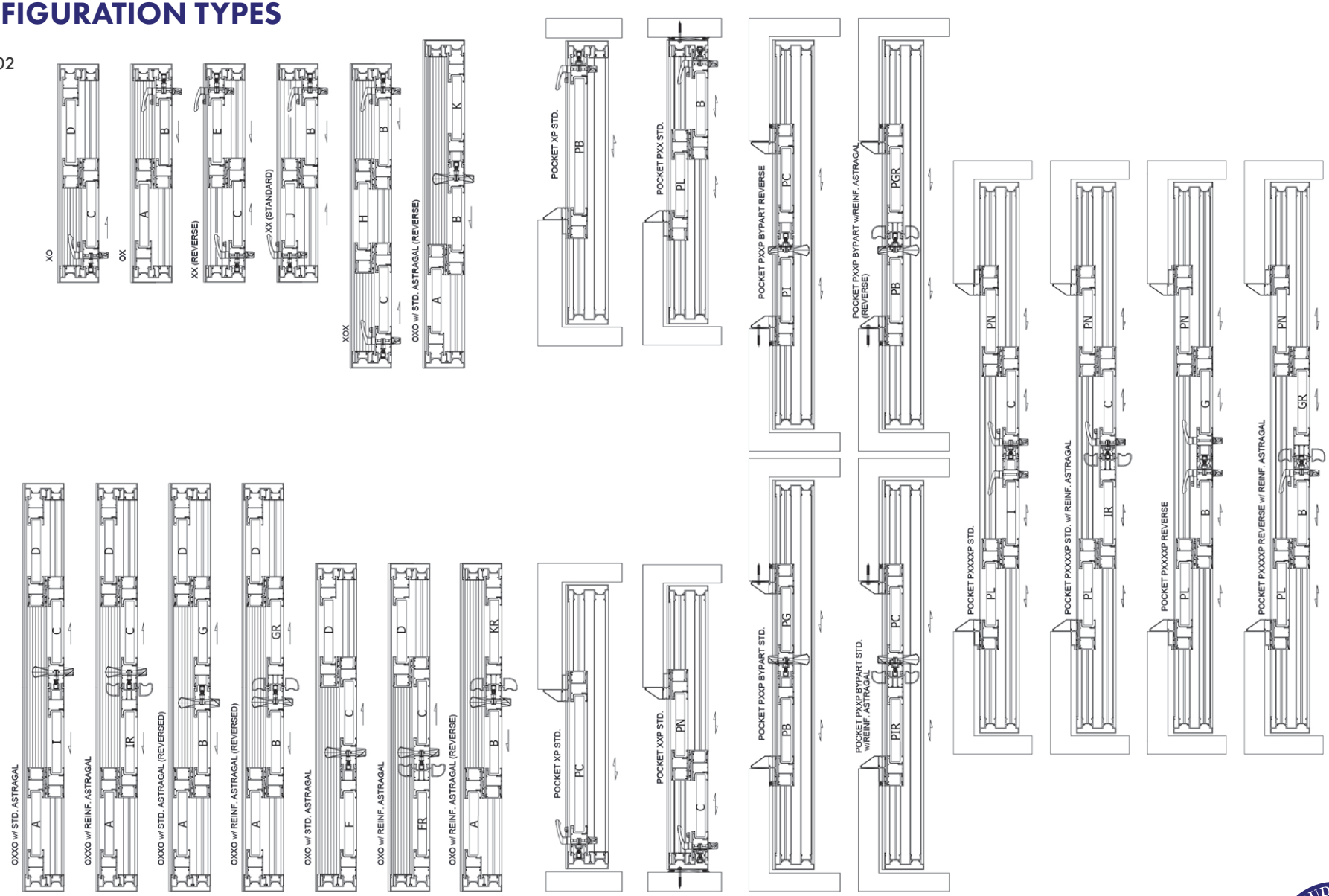


Fig.101

1 SILL	8 FLAT COVER LONG	15 BOTTOM PANEL GUIDE	22 DRAINAGE COVER
2 HEAD	9 SCREWS 10-16 SELF-DRILLING	16 TOP PANEL GUIDE	◯
3 JAMBS	10 AIR SEAL BRIDGE	17 STRIKER	◯
4 SCREWS #12 x 1 1/2"	11 PANELS	18 LOCK HANDLE SET	◯
5	12 BUMPER	19 SCREWS 10-16 SELF-DRILLING	◯
6 HOOK STRIP COVER	13 SCREWS #10-16x 3/4" LG FLAT	20 AIR SEAL BRIDGE	◯
7 TRACK LONG	14 ROLLER ADJUST HOLE PLUG	21 PULL HANDLE SET	◯

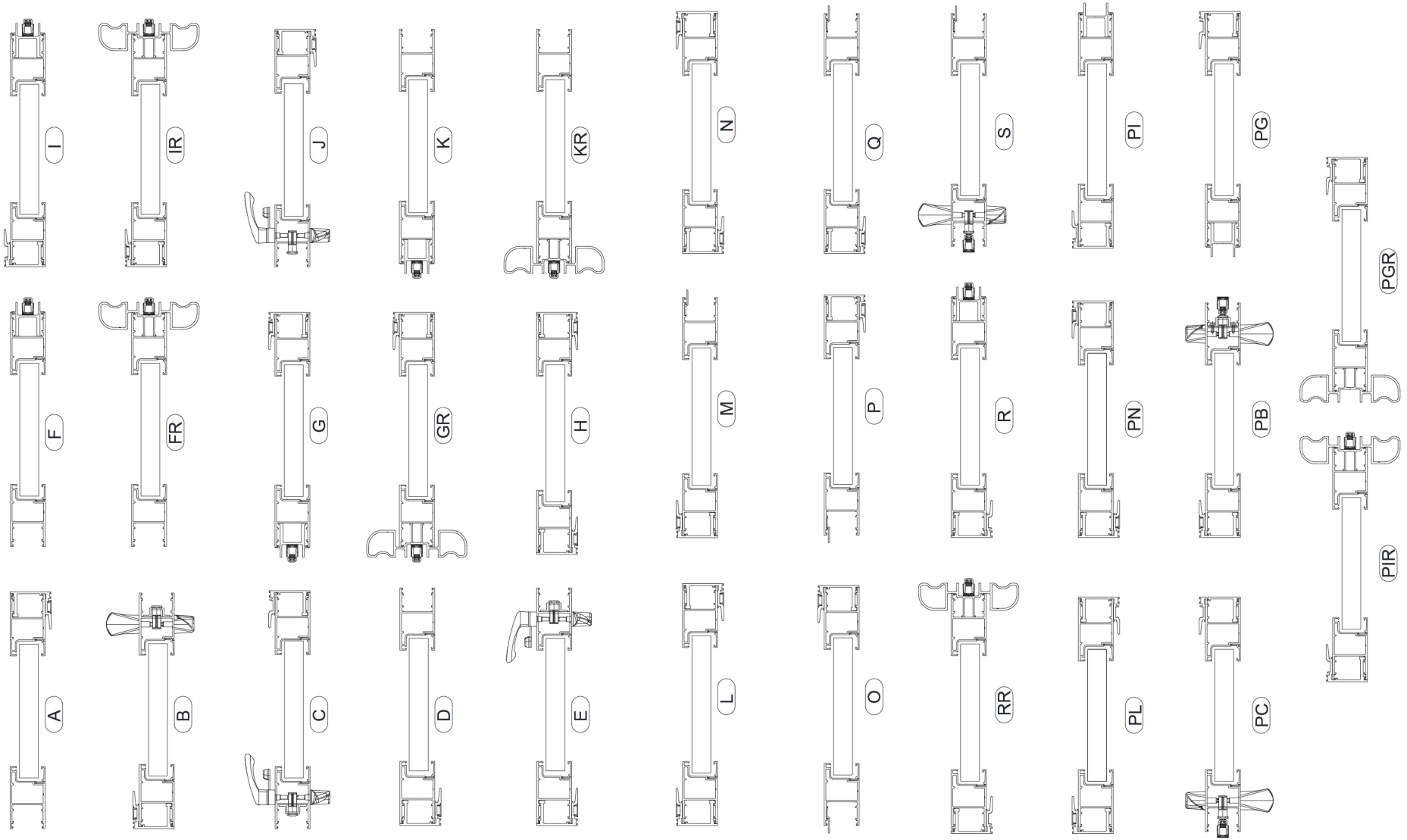
CONFIGURATION TYPES

Fig.102



PANEL TYPES

Fig.103



ANCHORS

Anchor options for Series MG-1000 include:

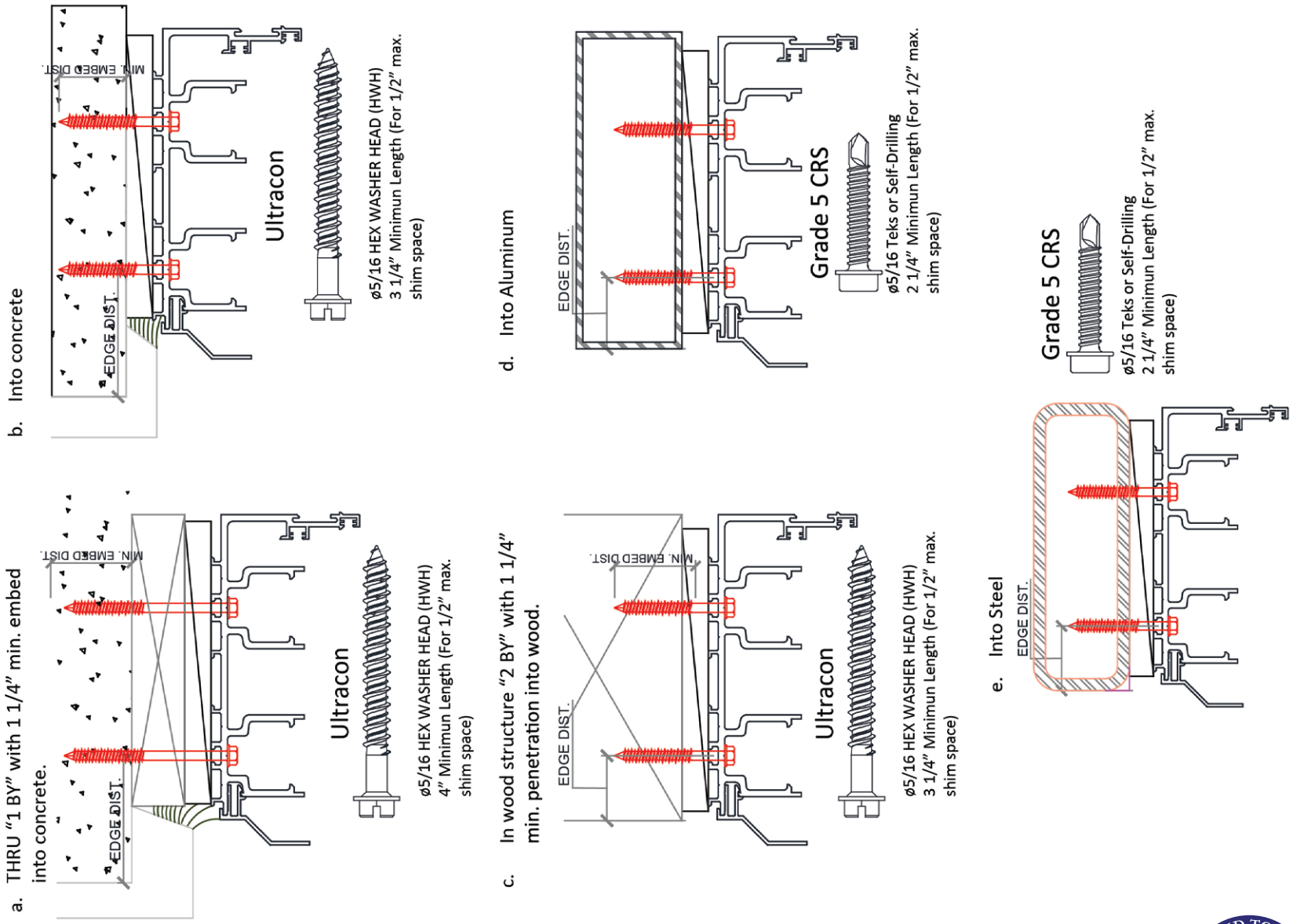


Fig.104

BUMPER INSTALLATION

For the installation of our Sliding Door MG-1000, we provide two bumpers per movable panel as part of the KD package.
These bumpers are to be installed either on the moving panel or on the adjacent fixed panel. Their purpose is to prevent injury by ensuring that a person opening a sliding panel does not get their hands or fingers caught between the moving panel and a fixed element of the door.

The type and dimensions of the handle play an important role in determining how far a panel can be opened safely, ultimately influencing the bumper's placement. This positioning is determined on-site by the installer based on these factors.

Mr-Glass recommends, in all cases, maintaining a minimum clearance of 2 inches between the back of the operating hand and the interlock or any other obstructing part or object.

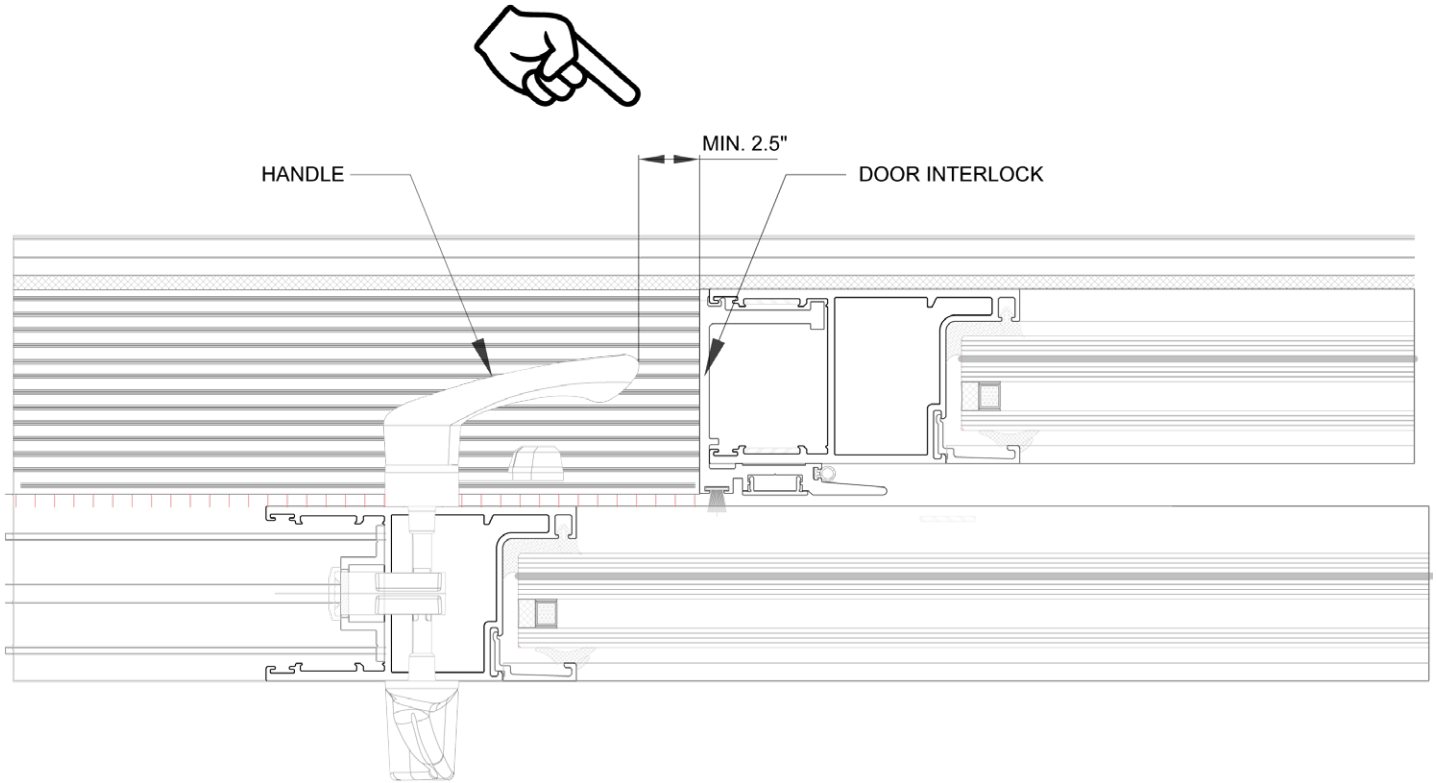


Fig.105 HOR. SECTION AT INTERLOCK OF OPENED DOOR

DOOR CLEANING

A. Once the installation is complete proceed to clean the window. Mr-Glass recommends using water and mild soap or detergent.

B. Consult Service Bulletin 01-2021 "Maintenance of coated surfaces" and 02-2021 "Glass Cleaning Recommendations".

C. Do not use sharp objects that may damage the finish in the aluminum or scratch the glass.

D. Remove all temporary seals and logos.

E. Clean the work area and dispose of all the packaging residue.

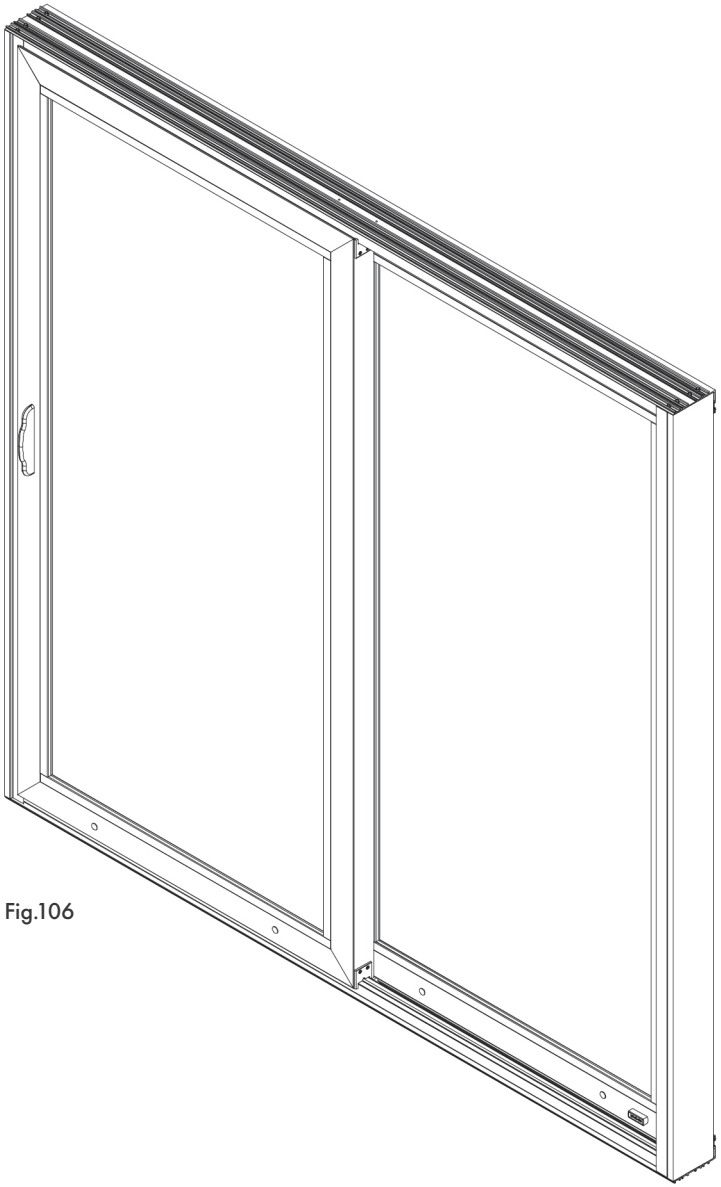


Fig.106

SCREEN

Your sliding door system includes a lightweight insect screen designed to enhance your living space by allowing fresh air in while helping to keep insects out.

The screen is carefully engineered for smooth operation and everyday convenience. Due to its lightweight construction, it is normal for the frame to have some flexibility, and it is important to note that the screen is not intended as a structural or security element. While it offers a significant barrier against bugs, no screen system can guarantee complete insect-proofing.

Please follow the installation steps below to ensure optimal performance and longevity of your screen.

Important Note About Your Screen

- The insect screen is designed for light, everyday use.
- Some flexibility in the screen frame is normal and expected.
- The screen is not intended to serve as a security barrier or to resist strong impacts.
- While it provides effective protection against insects, no screen can offer 100% bug-proofing.
- For the best performance, handle the screen gently and keep the tracks clean and free of debris.

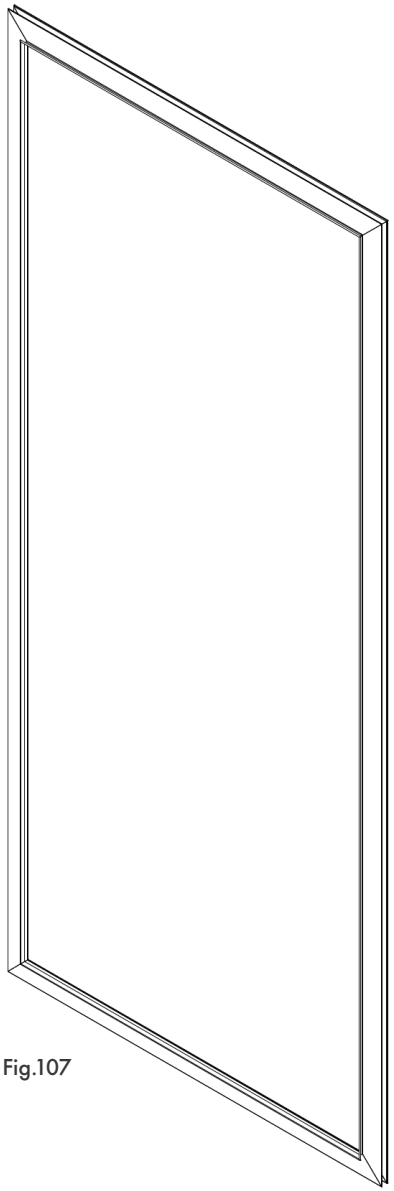


Fig.107

SCREEN INSTALLATION

1. **Inspect the Screen Panel**
   - Carefully remove the screen panel from its packaging. Verify that the frame is square, and the rollers move freely.
2. **Prepare the Tracks**
   - Clean the top and bottom tracks thoroughly to ensure smooth and easy operation of the screen. Remove all dust, debris, and any remaining packing materials. Before proceeding, verify that the head track and sill are parallel and that the distance (height) between them is correct across the full opening. An insufficient clearance, especially on larger doors, can place excessive stress on the screen rollers and lead to premature damage. If necessary, adjust the shimming or leveling of the door frame until the proper dimension is achieved, ensuring smooth and stress-free operation of the screen.
3. **Insert the Top of the Screen**
   - Tilt the screen slightly and insert the top edge into the upper track first. Make sure the top rollers engage securely into the track.
4. **Position the Bottom of the Screen**
   - Once the top is secured, guide the bottom rollers onto the bottom track. The rollers are spring-loaded and require gentle pressure to engage.
5. **Adjust Roller Heightt**
   - Use a screwdriver to adjust the roller screws (located near the bottom corners) to ensure the screen slides smoothly and is properly aligned within the frame. **Tip**: Adjust both sides evenly to prevent the screen from binding or dragging.
6. **Test the Operation**
   - Slide the screen panel open and closed several times to verify smooth operation.



Fig.108

SCREEN INSTALLATION (CONT...)

Check that it closes flush with the frame without gaps.

7. **Final Check**
   - Inspect the screen edges to make sure there are no visible gaps that could allow insects through. Minor flexing is normal and does not affect performance.

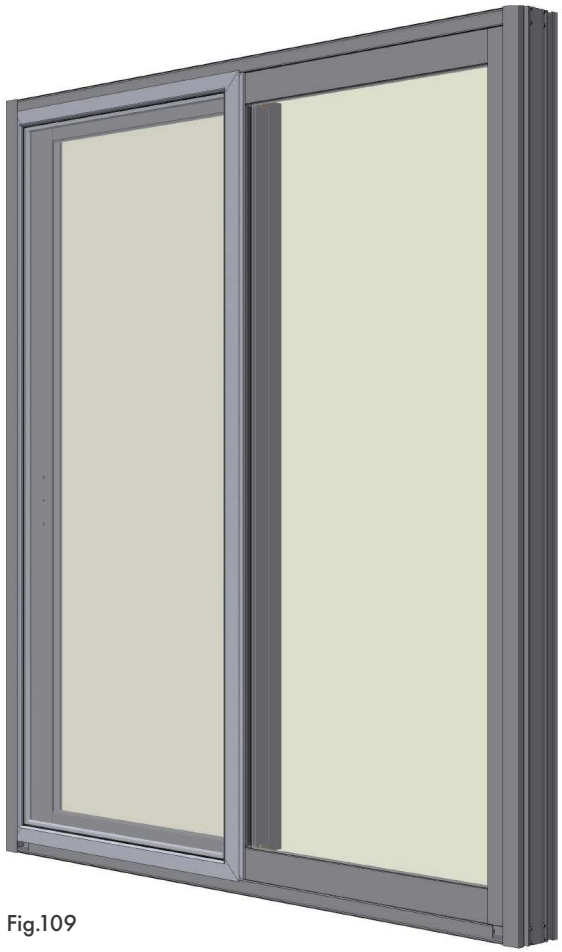


Fig.109

