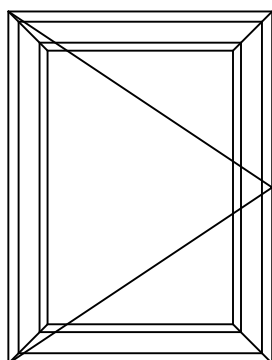
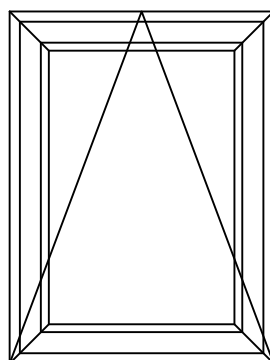




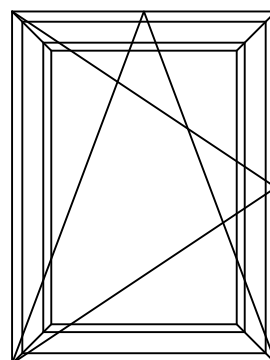
VENTANA SERIE 45



BATIENTE



VASISTA



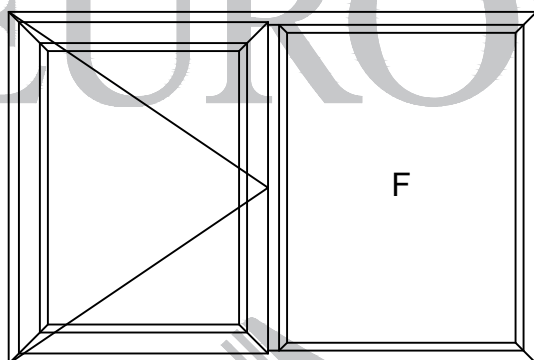
OSCILOBATIENTE

PREMIUM
SERIE

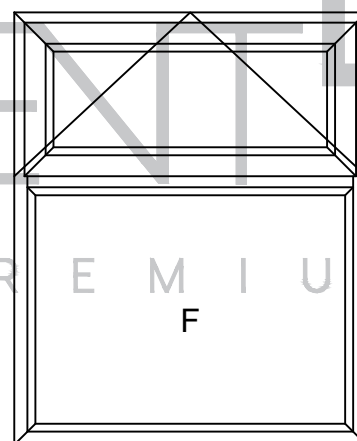
S45



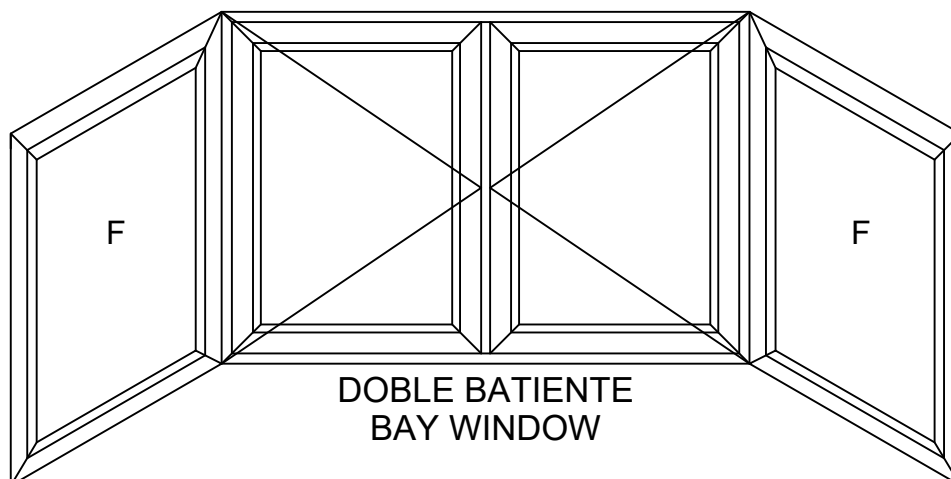
BATIENTE-PROY-VASI-OB



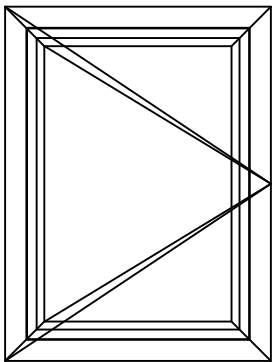
FIJO-BATIENTE



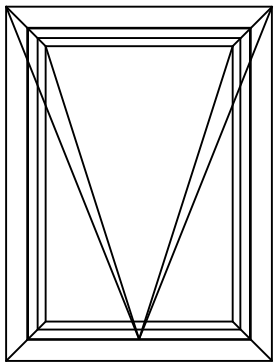
FIJO-VASISTA



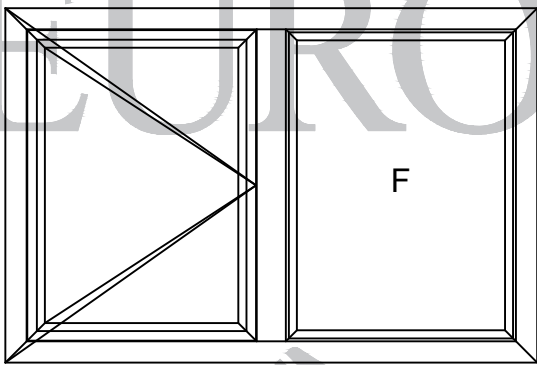
DOBLE BATIENTE
BAY WINDOW



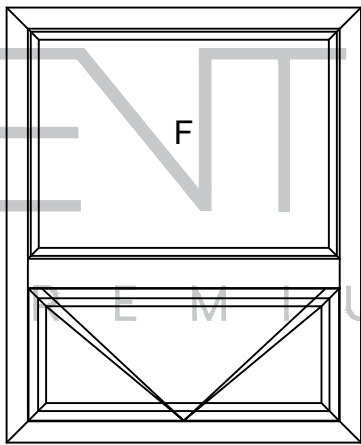
BATIENTE



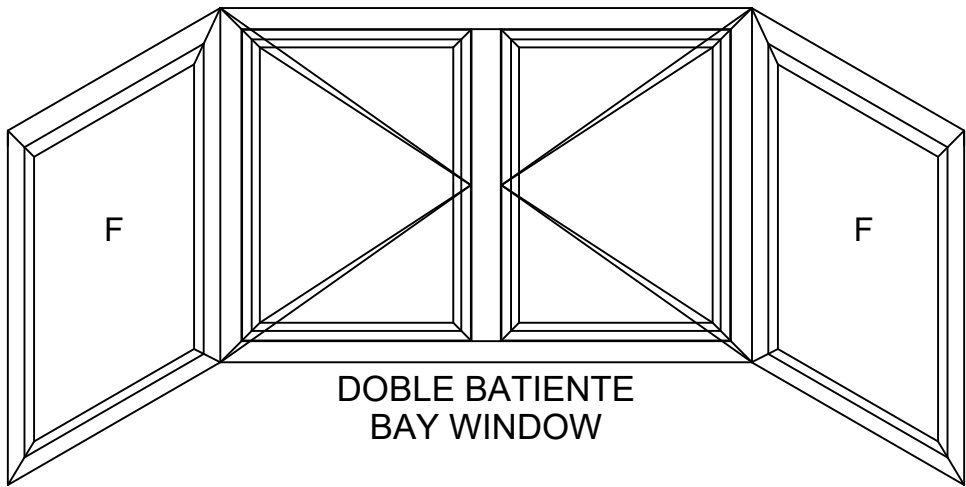
PROYECTABLE



FIJO-BATIENTE



FIJO-PROYECTABLE



DOBLE BATIENTE
BAY WINDOW

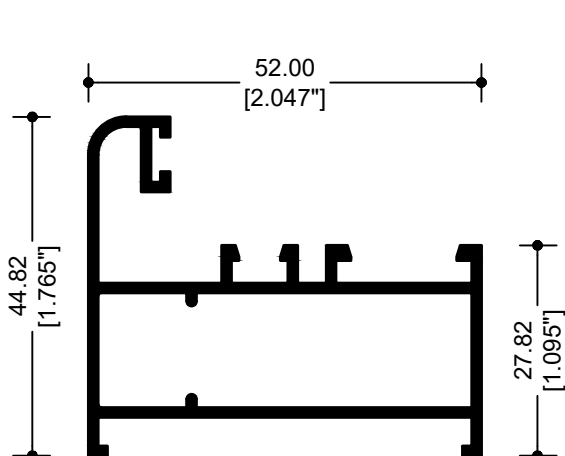


PREMIUM
SERIE

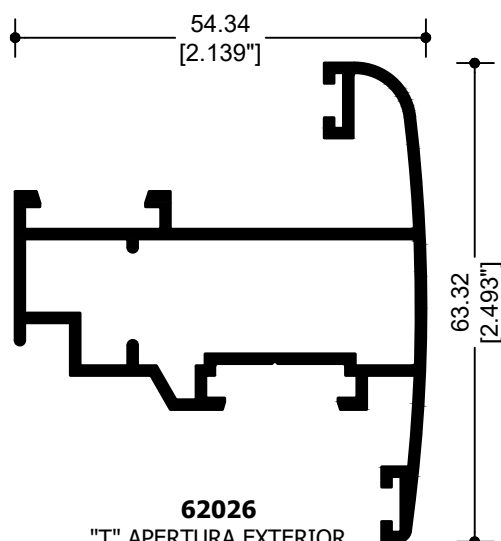
BATIENTE-PROY-VASI-OB

S45

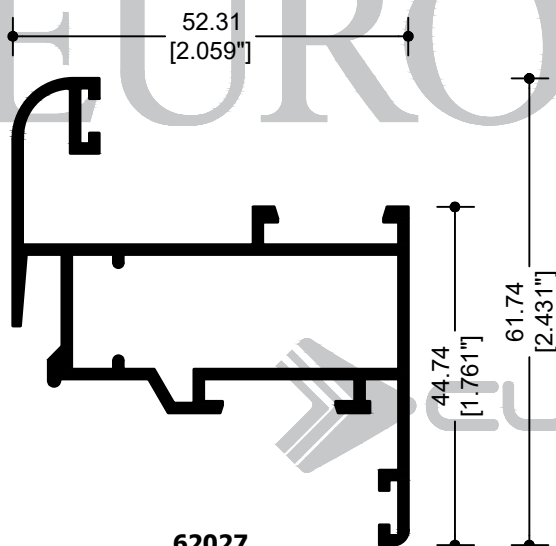




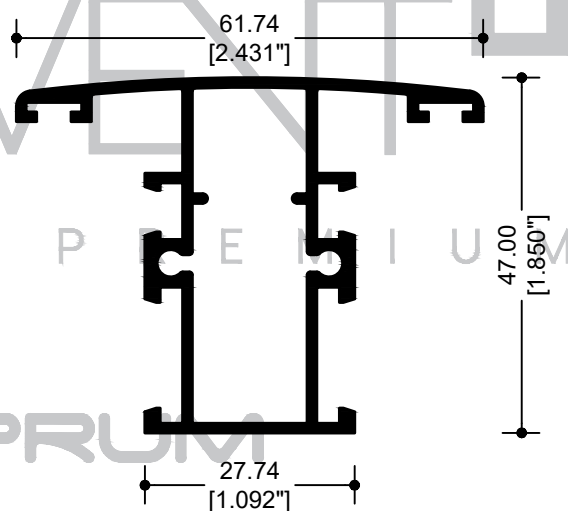
62033
"L" CONTRAMARCO



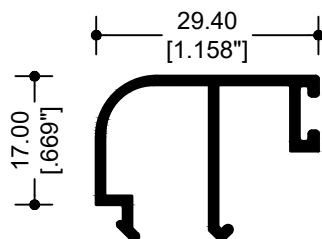
62026
"T" APERTURA EXTERIOR



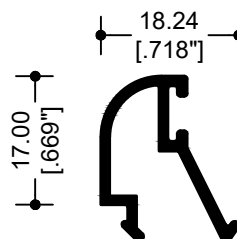
62027
"Z" APERTURA INTERIOR



62028
"T" INTERMEDIO

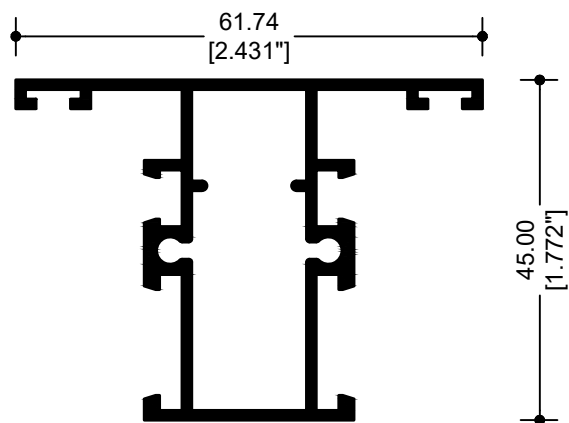


62029
JUNQUILLO 6mm.

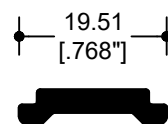


62030
JUNQUILLO 24mm.

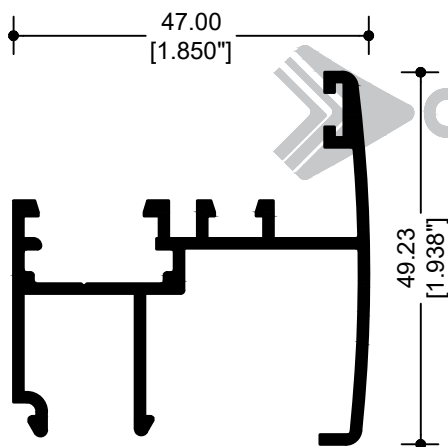




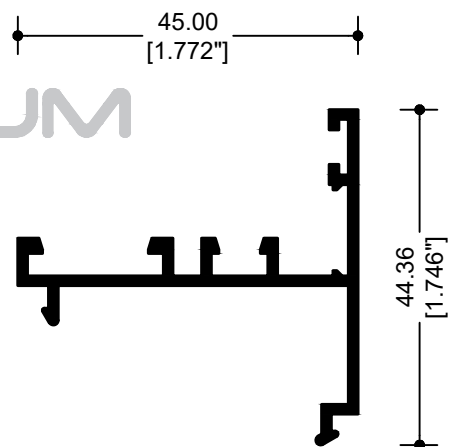
27.74
[1.092"]
62041
INTERMEDIO CUADRÍCULA



45050
PLETINA



62031
INTERMEDIO MÓVIL



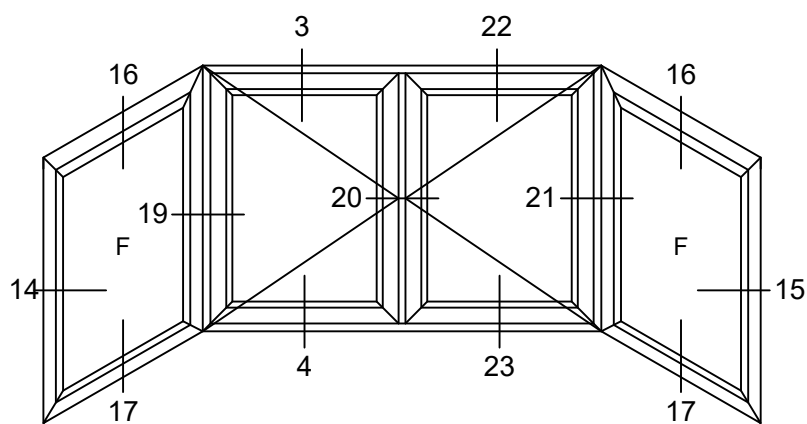
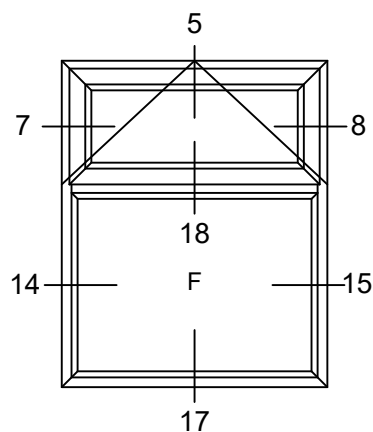
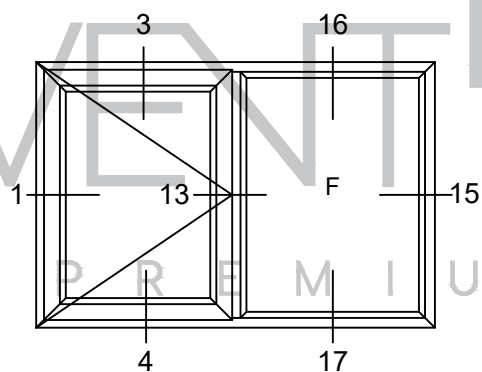
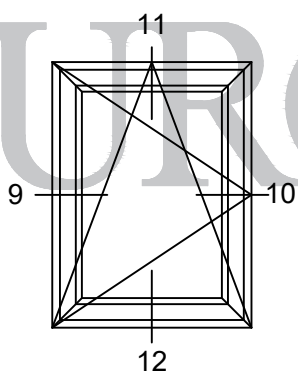
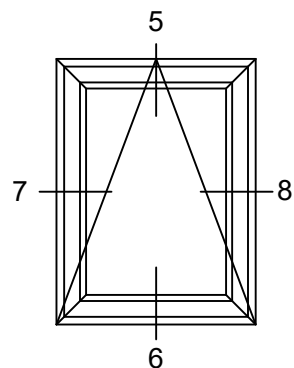
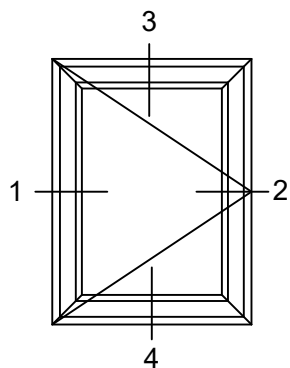
62032
CONVERTIDOR



BATIENTE-PROY-VASI-OB

S45





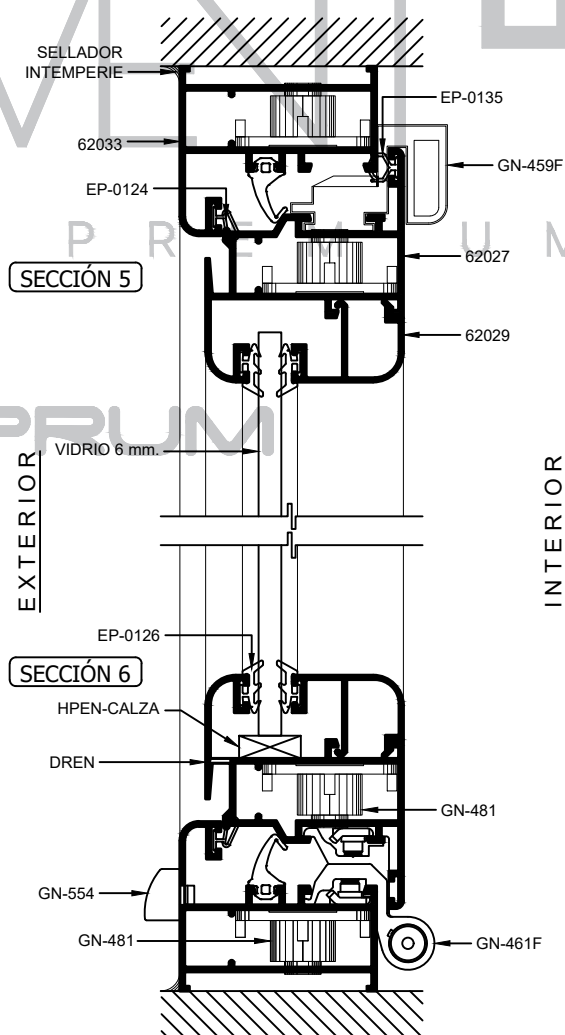
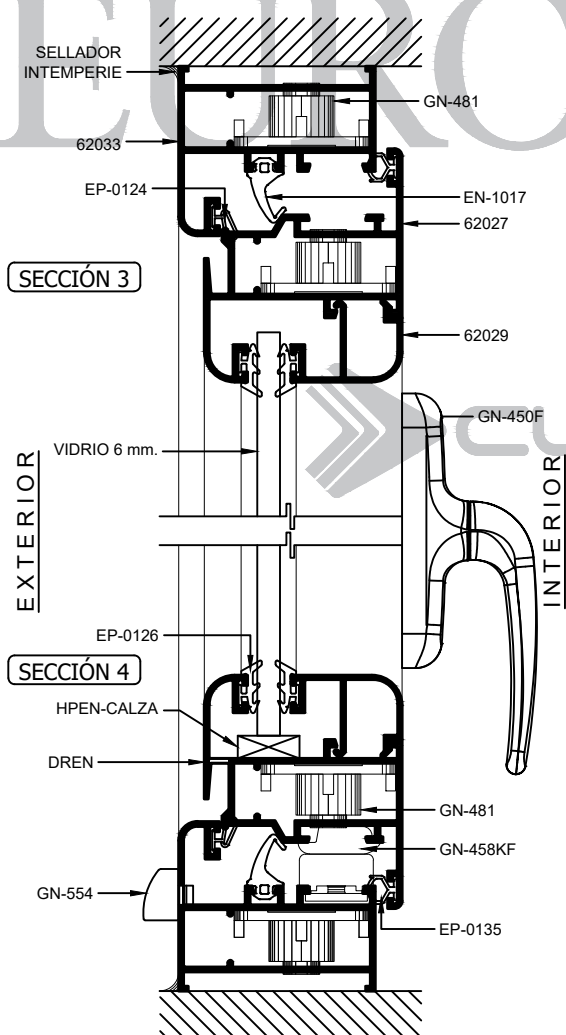
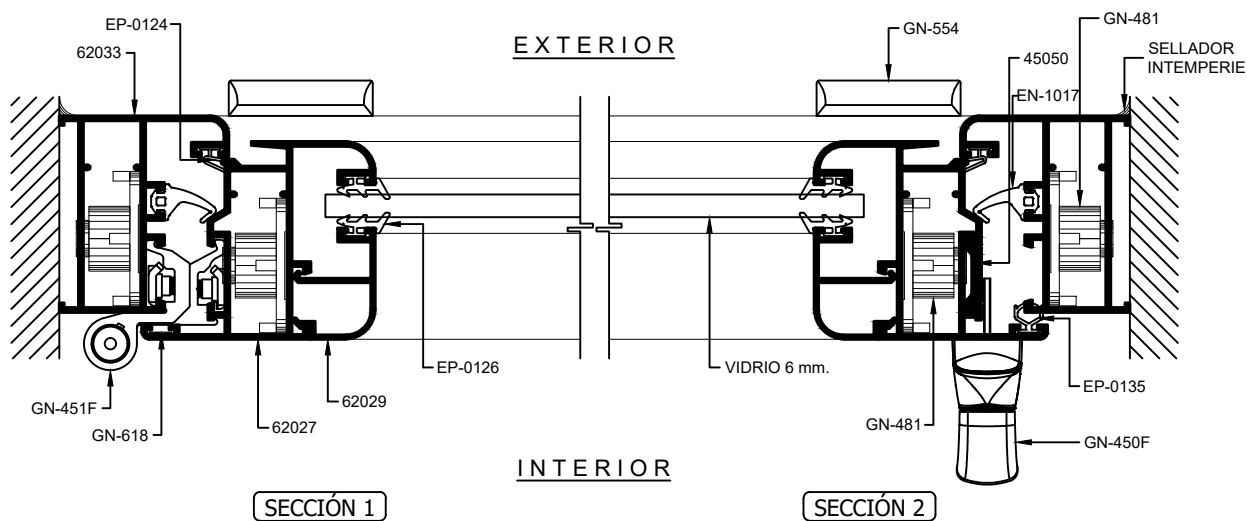
PREMIUM
SERIE

S45



BATIENTE-PROX-VASI-OB

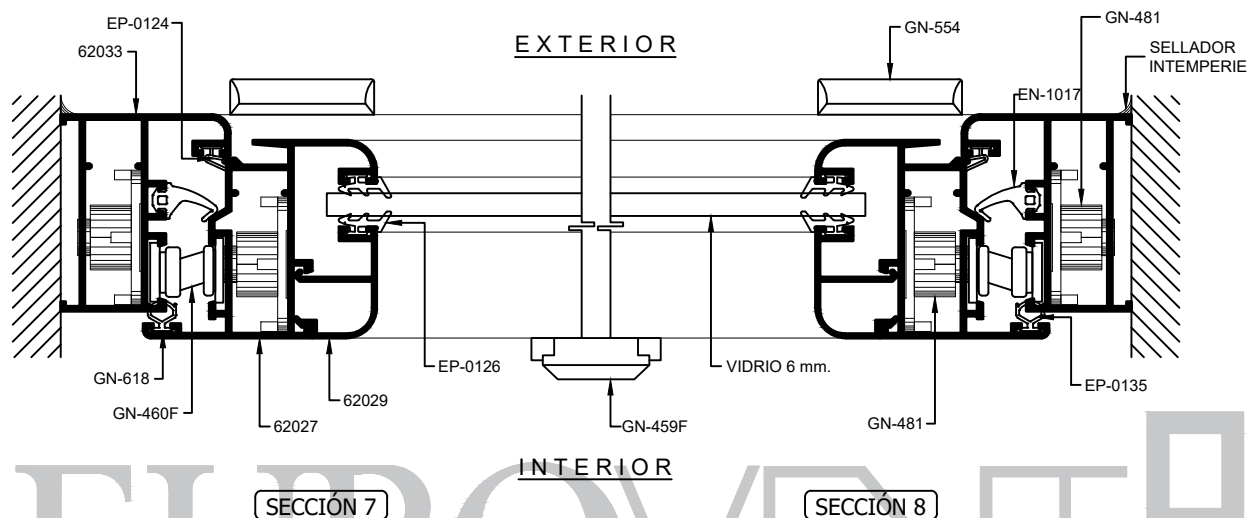
CUPRUM



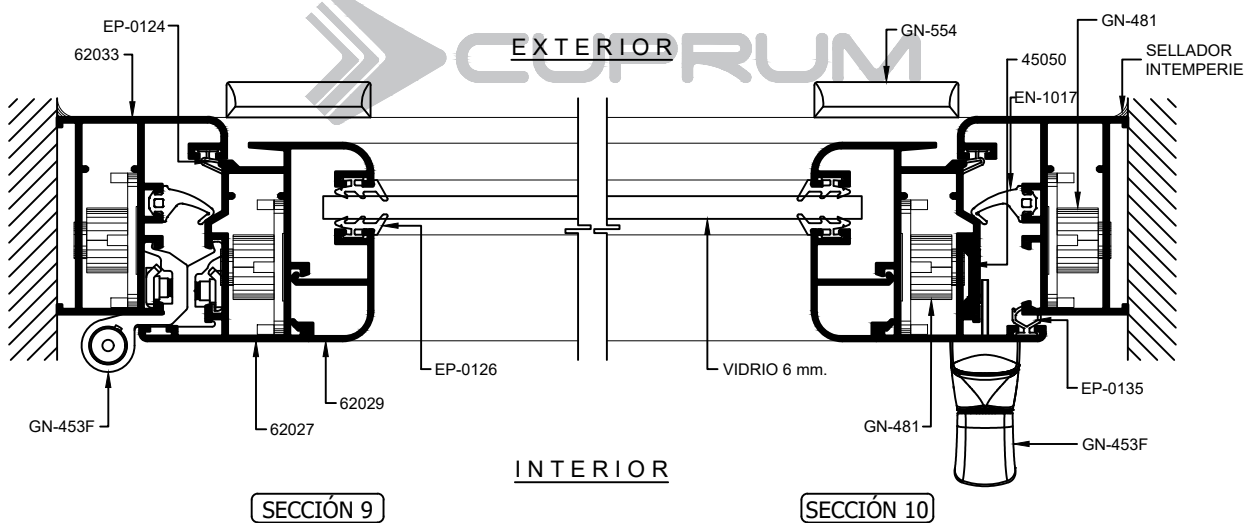
BATIENTE-PROY-VASI-OB

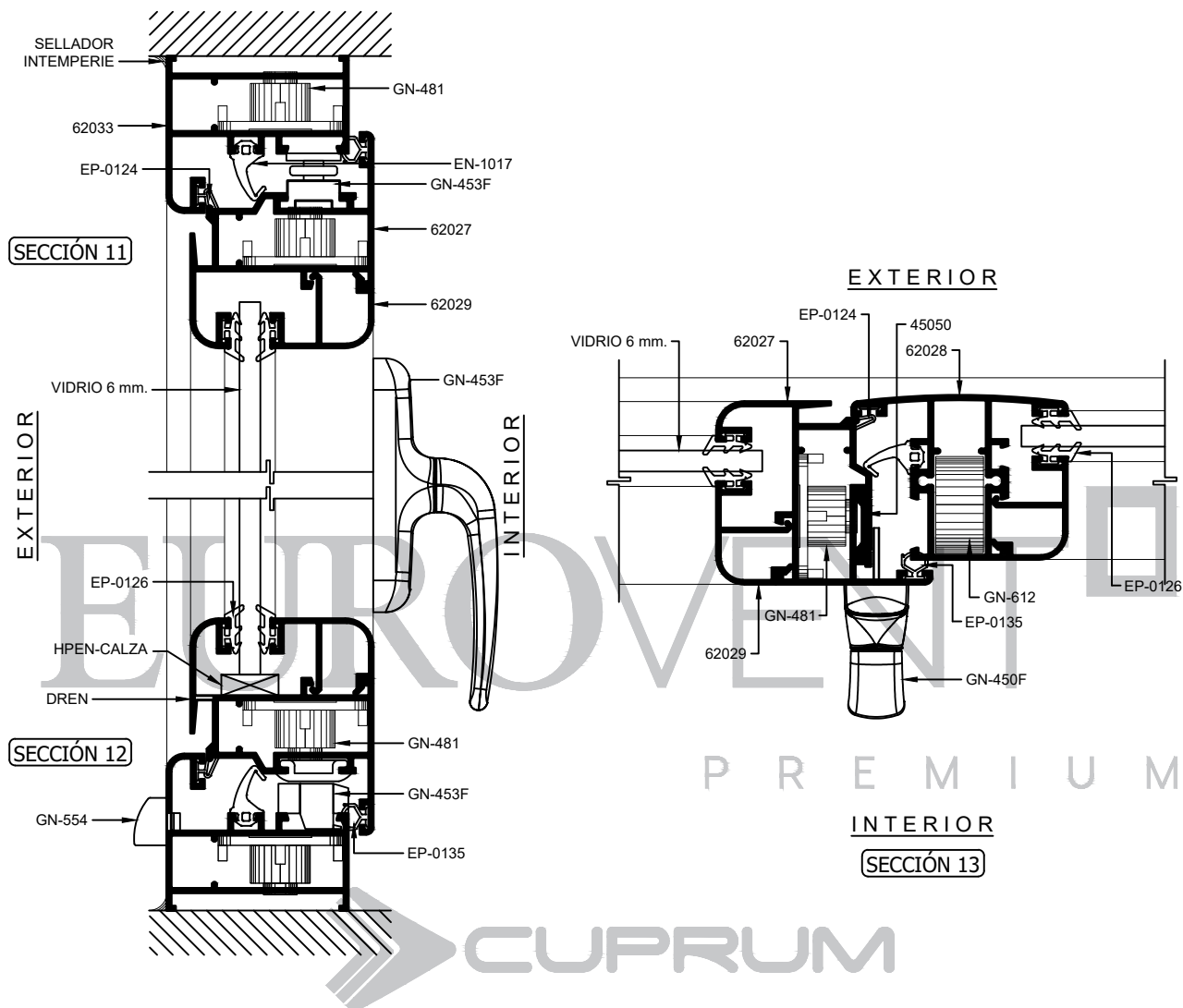


ESCALA 1:2



PREMIUM
SERIE
S45
BATIENTE-PROX-VASI-OB

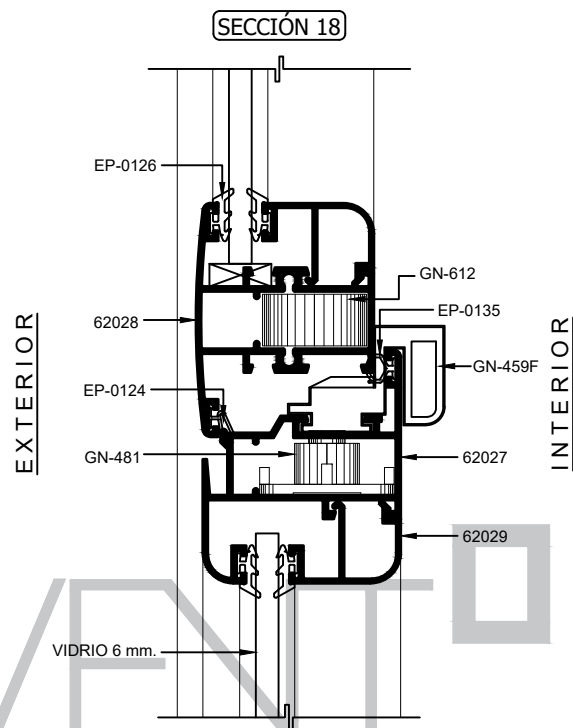
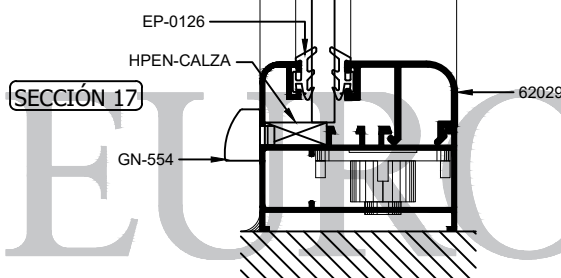
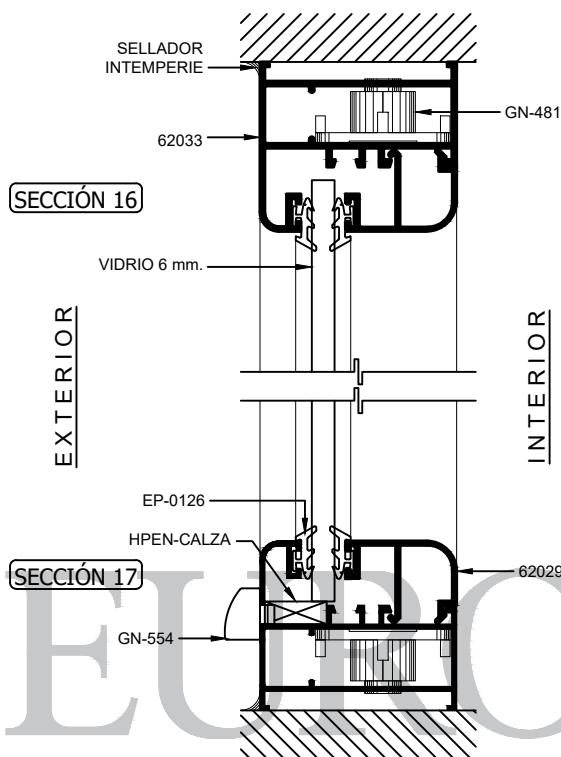


PREMIUM
SERIE

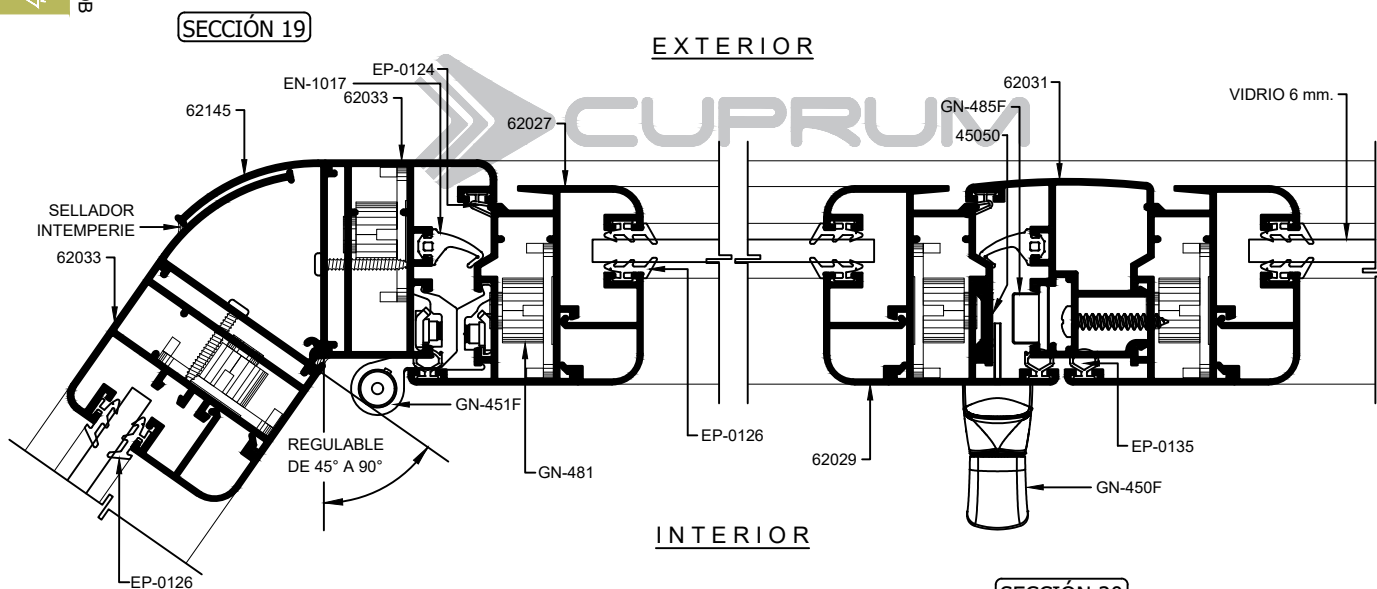
BATIENTE-PROY-VASI-OB

S45

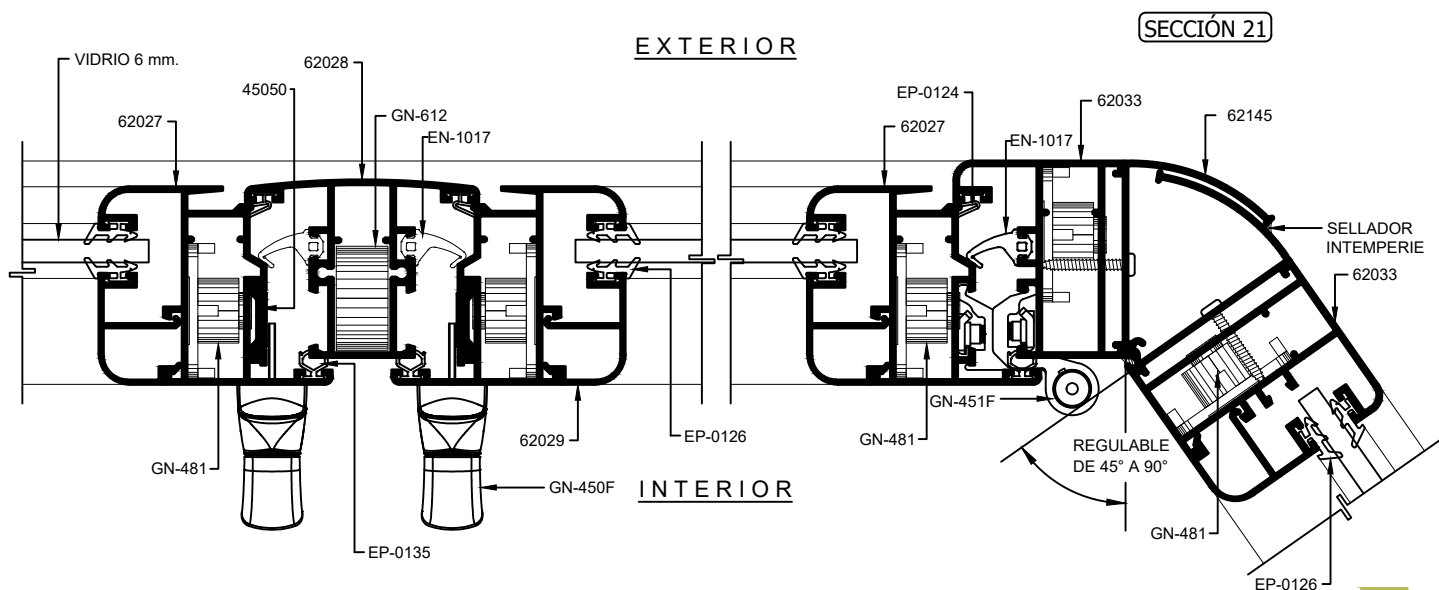




P R E M I U M

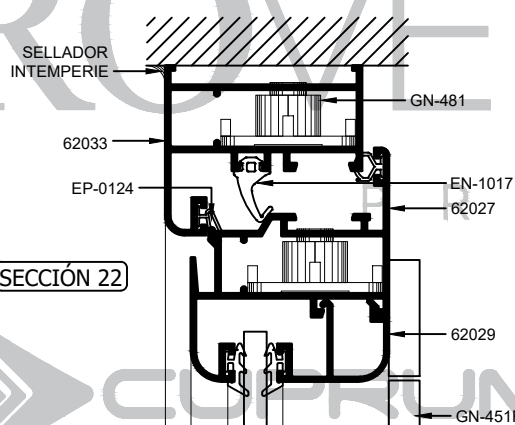


SECCIÓN 20
OPCIÓN

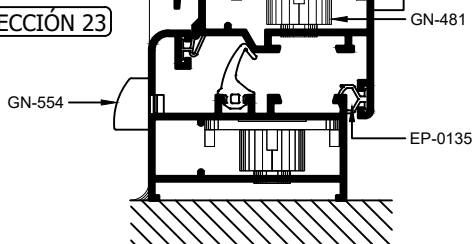


SECCIÓN 20

OPCIÓN



SECCIÓN 23



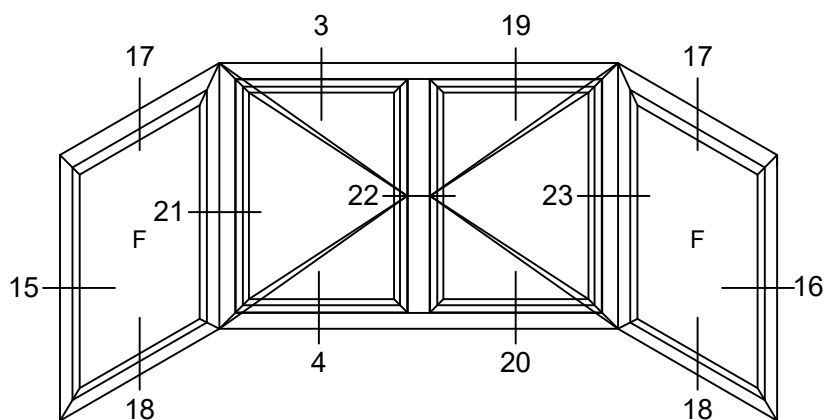
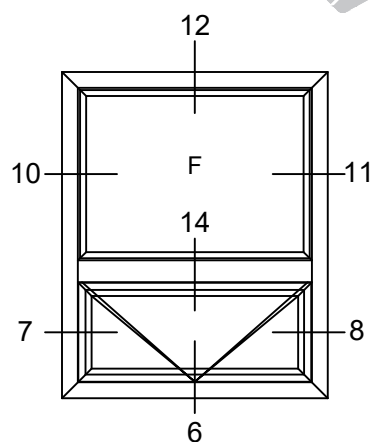
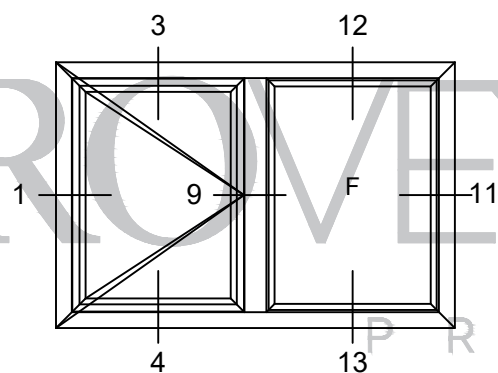
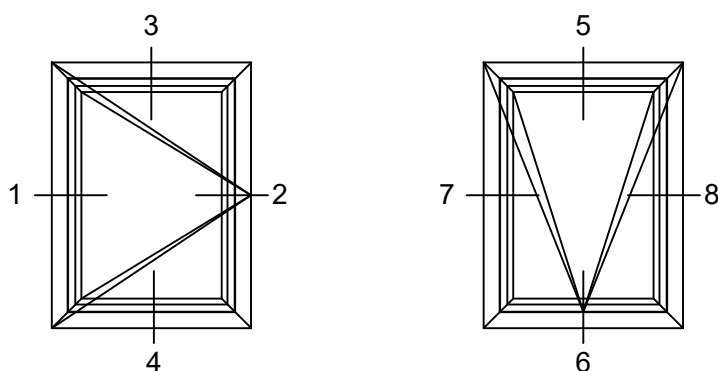
PREMIUM

SERIE

BATIENTE-PROY-VASI-OB

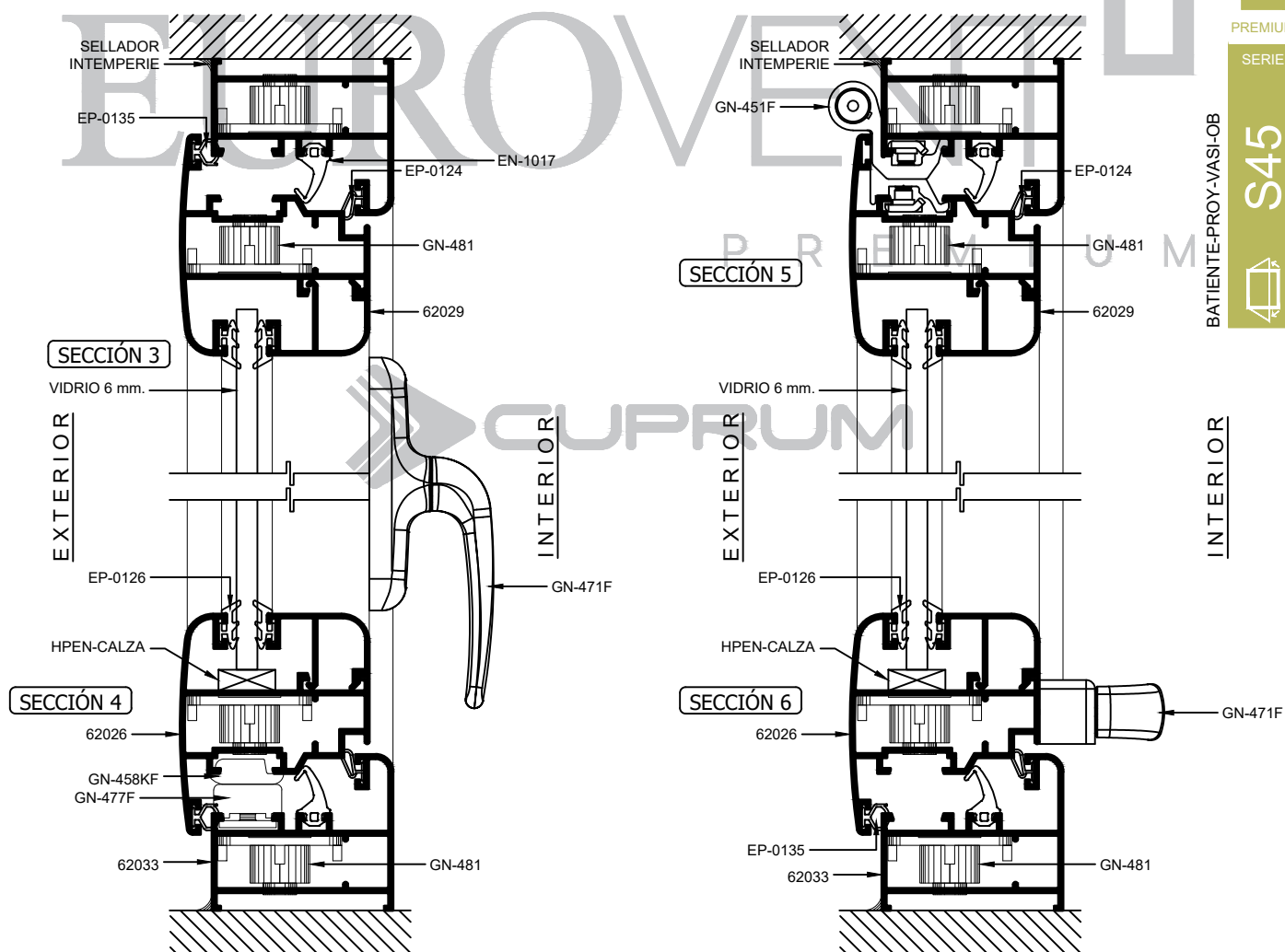
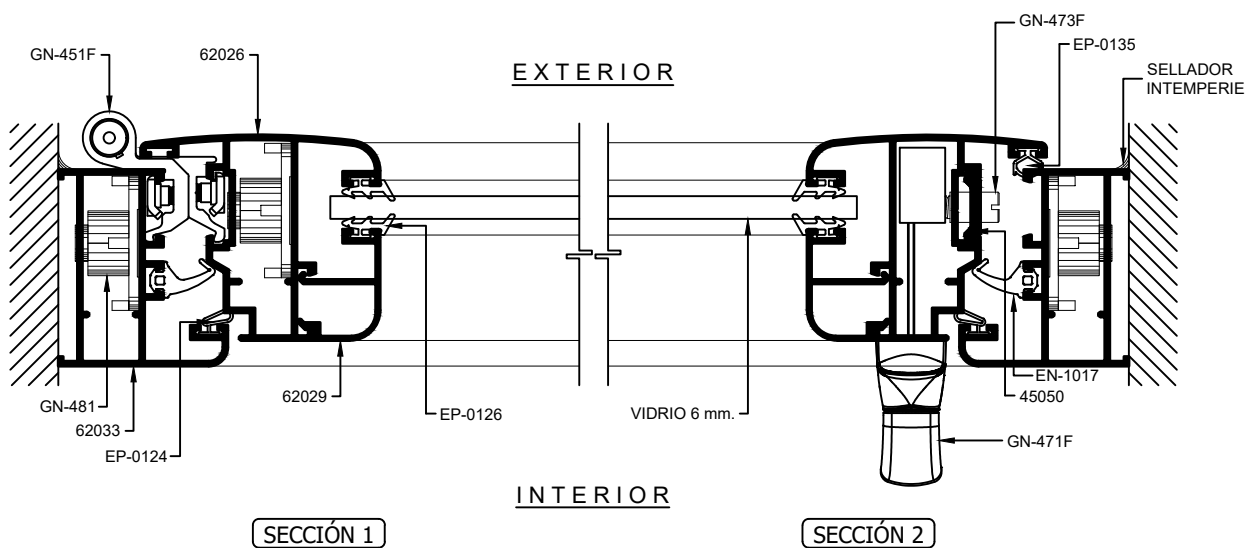
S45

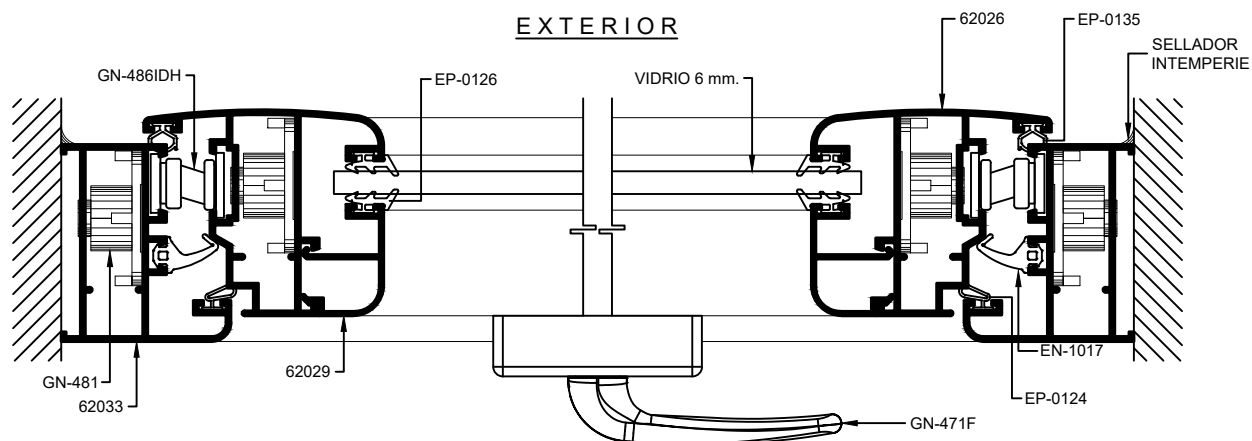




BATIENTE-PROX-VASI-OB



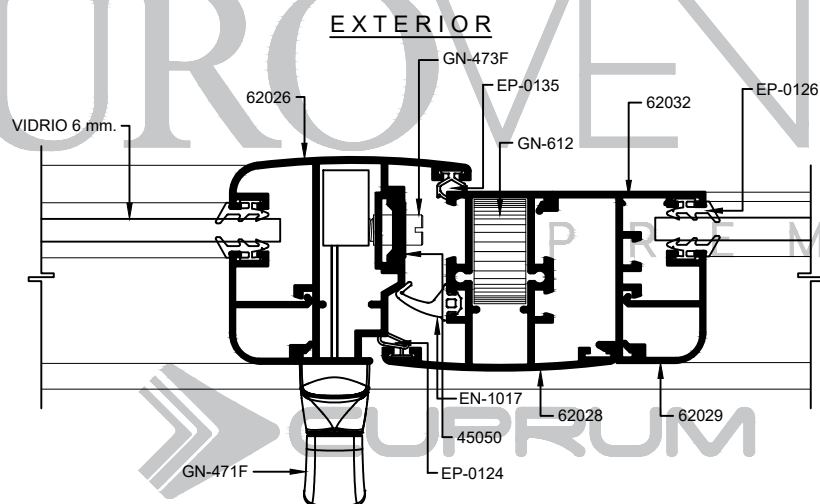




SECCIÓN 7

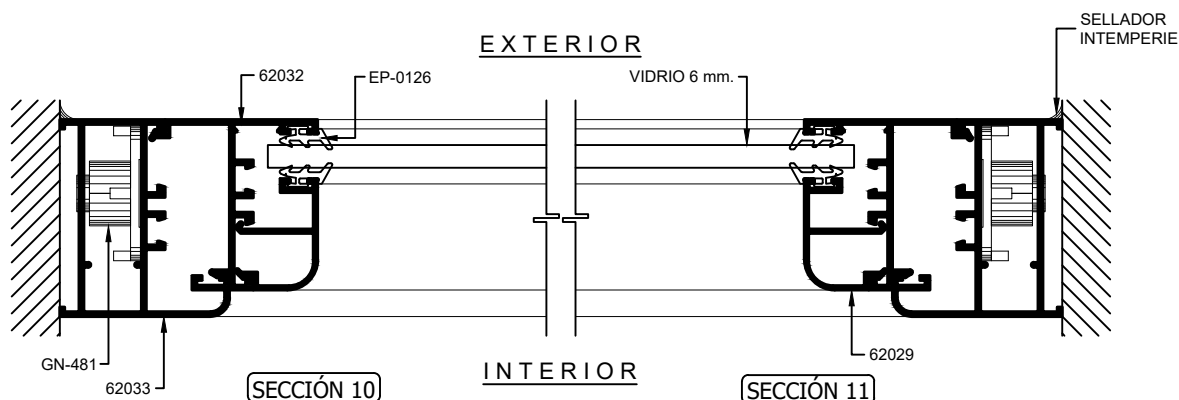
INTERIOR

SECCIÓN 8



INTERIOR

SECCIÓN 9



SECCIÓN 10

INTERIOR

SECCIÓN 11



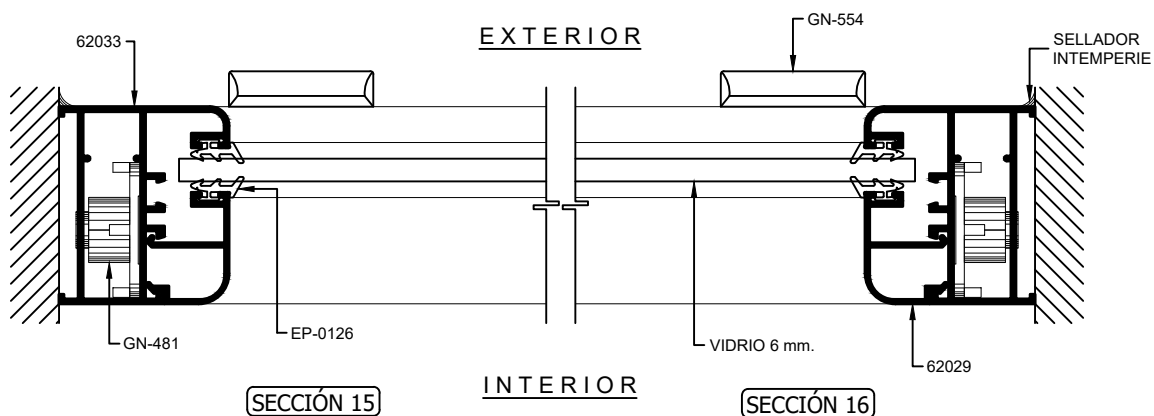
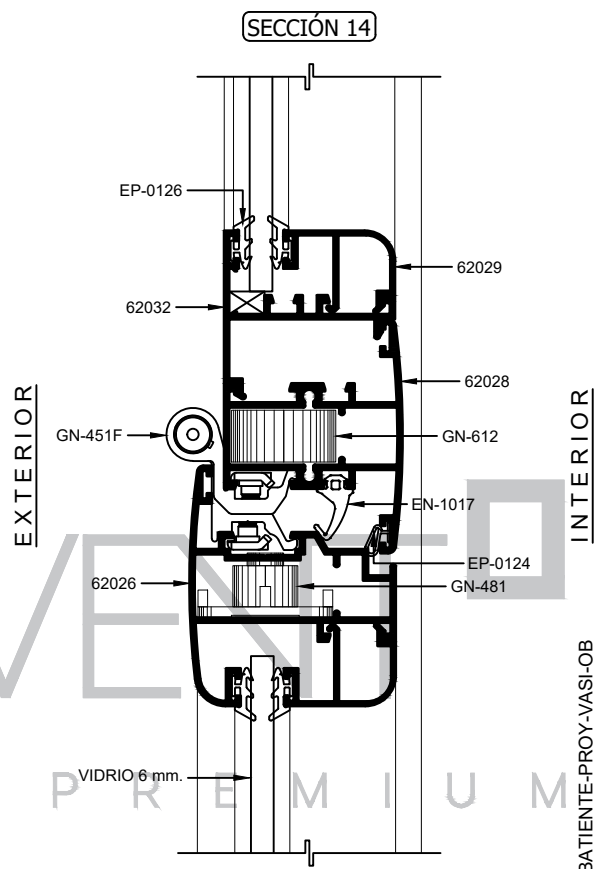
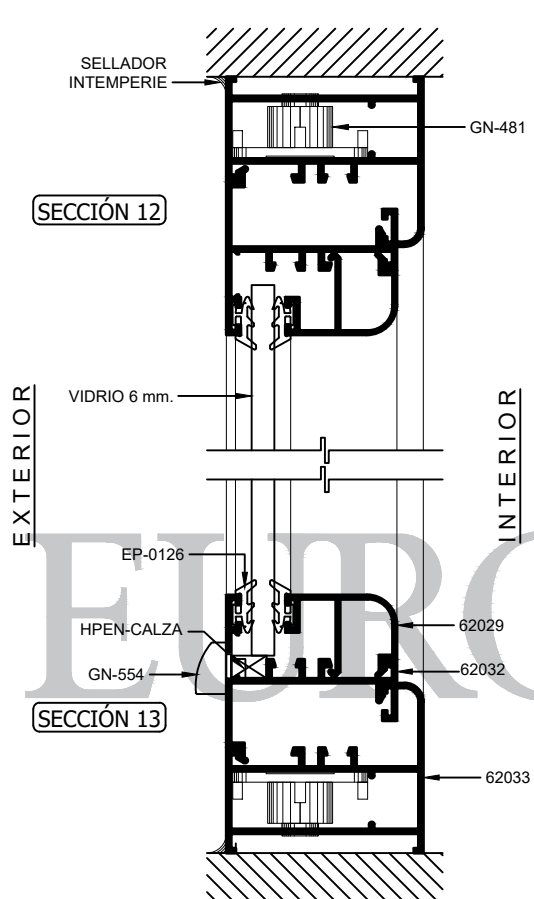
PREMIUM

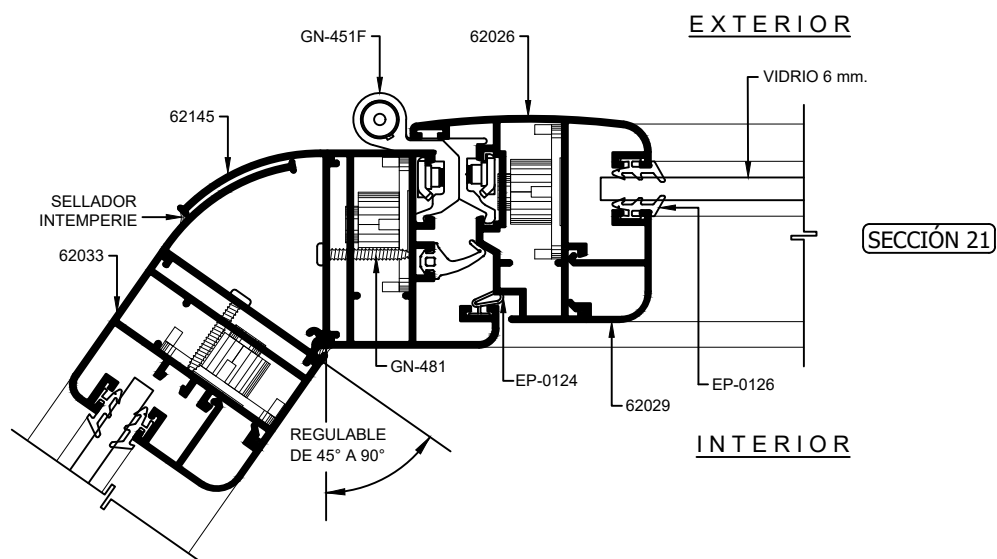
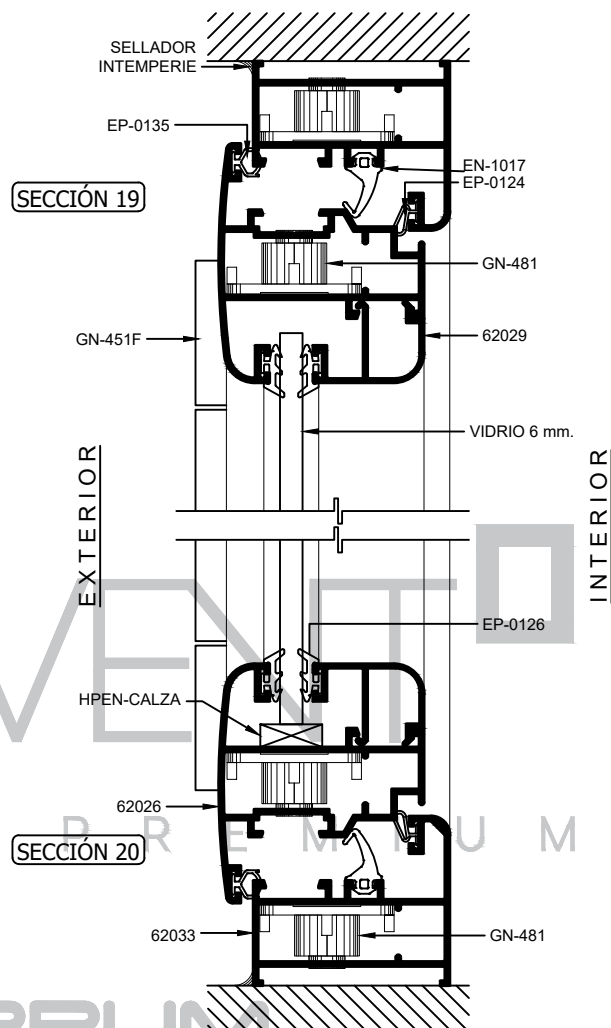
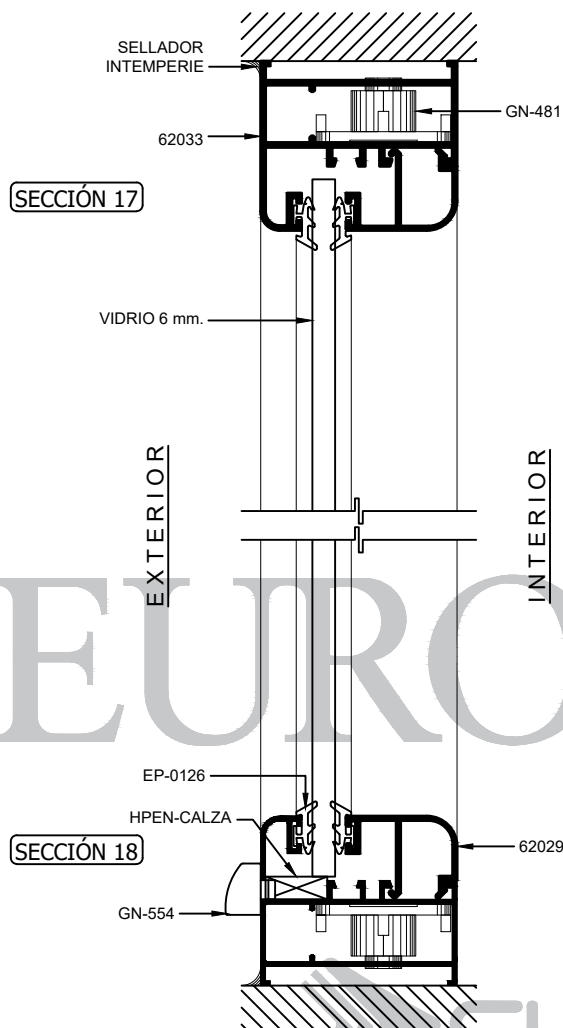
SERIE

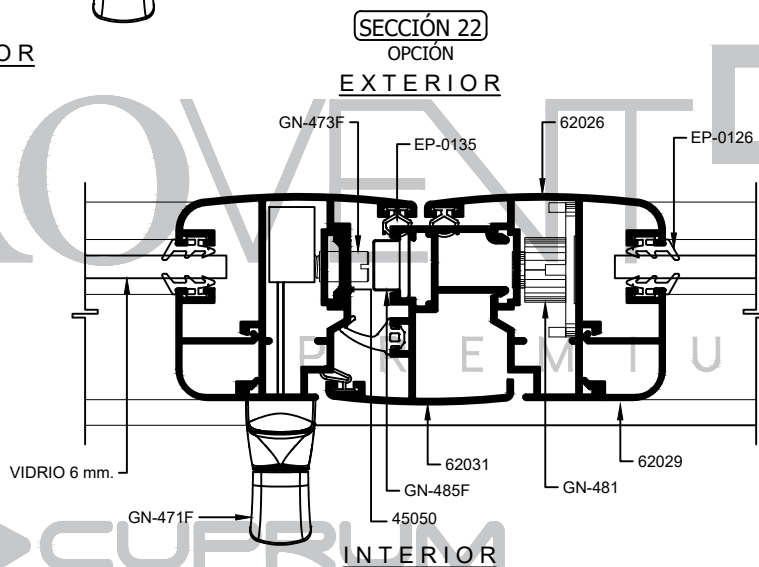
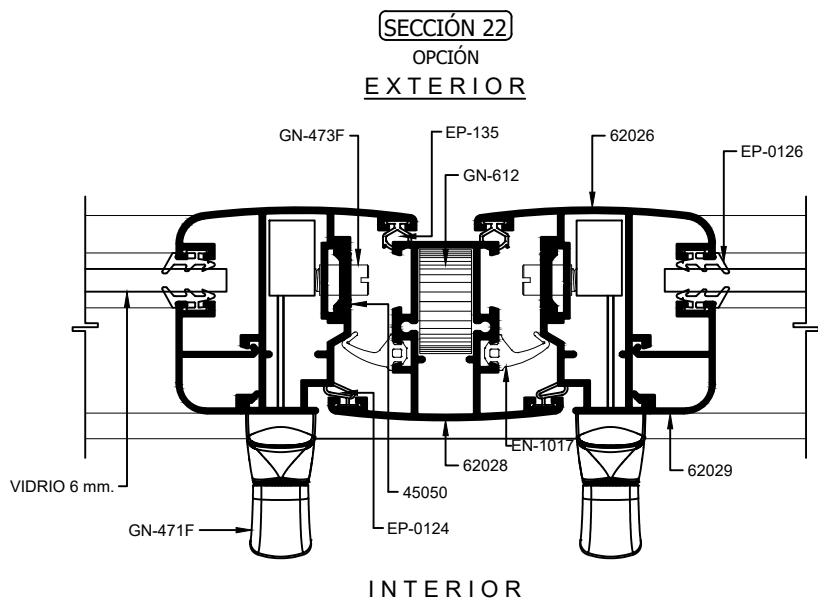
S45



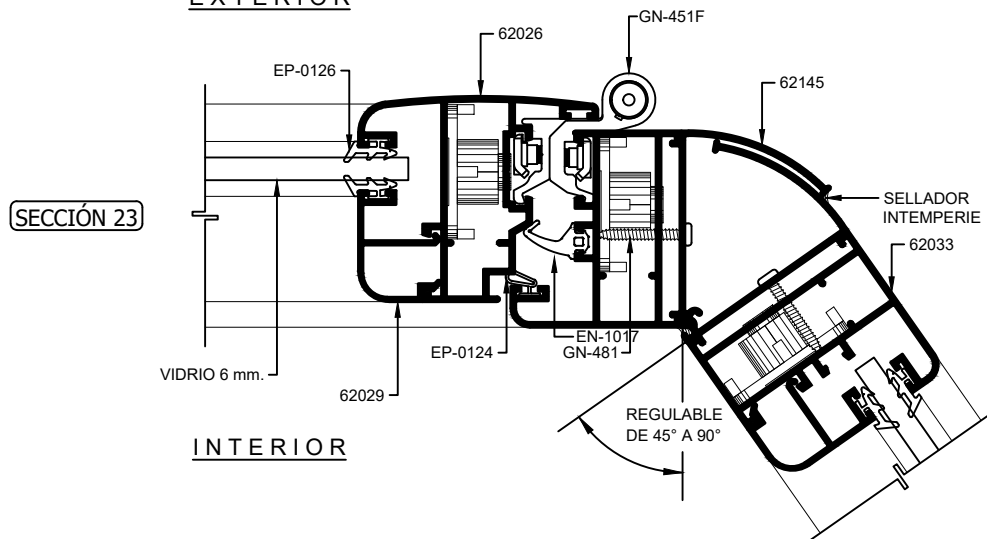
BATIENTE-PROX-VAS-IOB







EXTERIOR



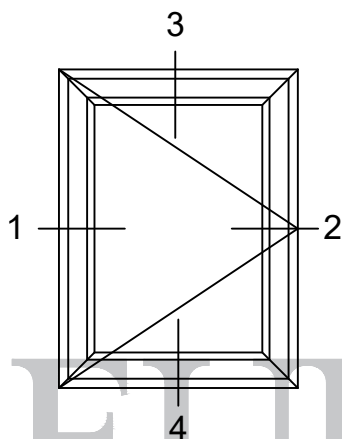
PREMIUM
SERIE

S45



BATIENTE-PROY-VASI-OB

DOBLE VIDRIO
APERTURA INTERIOR

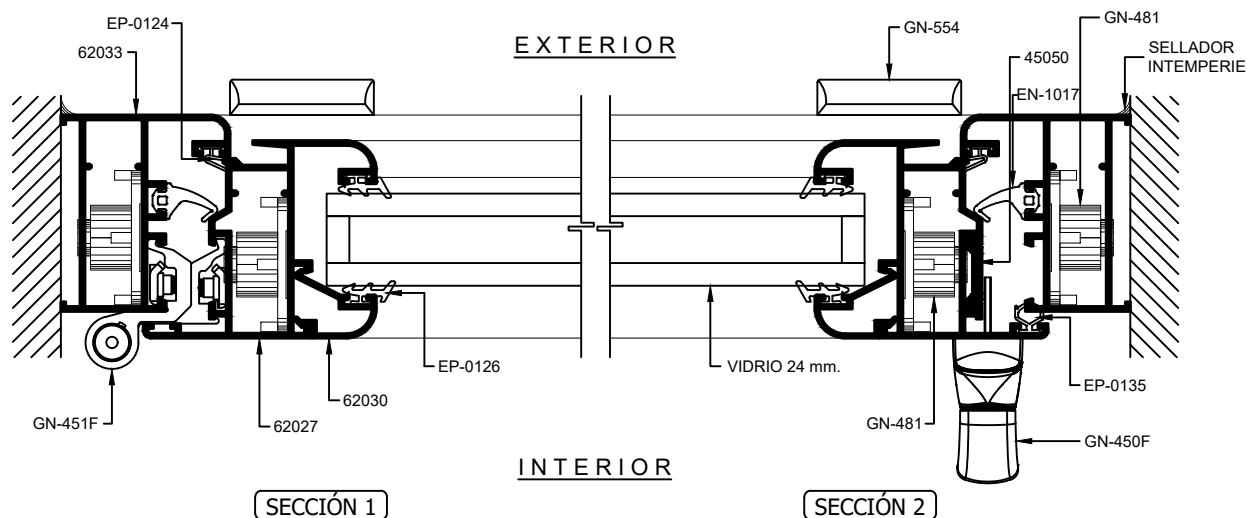
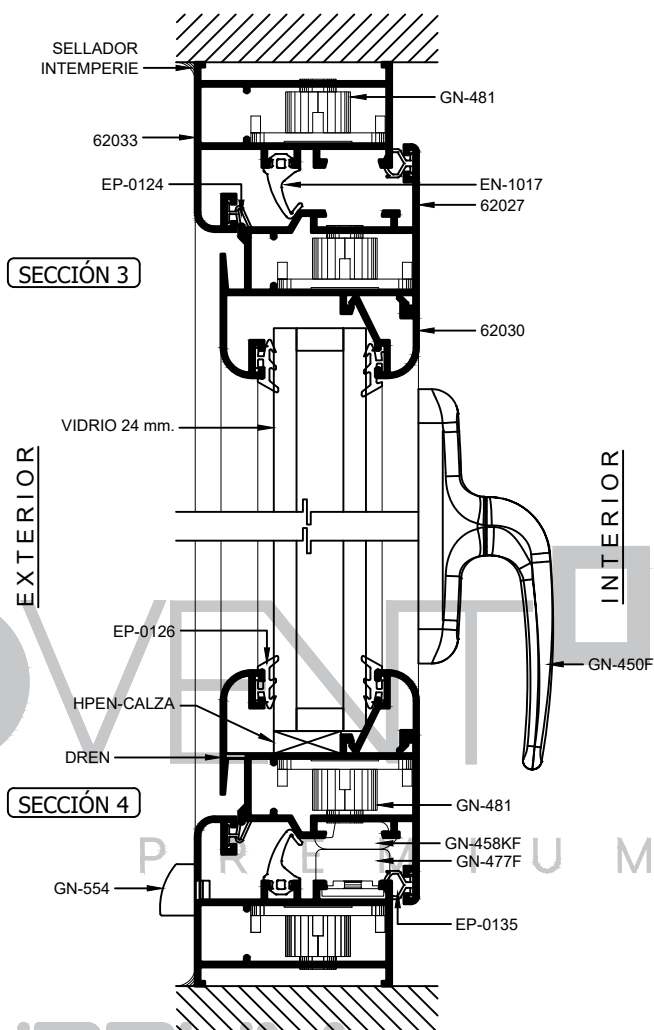


PREMIUM
SERIE

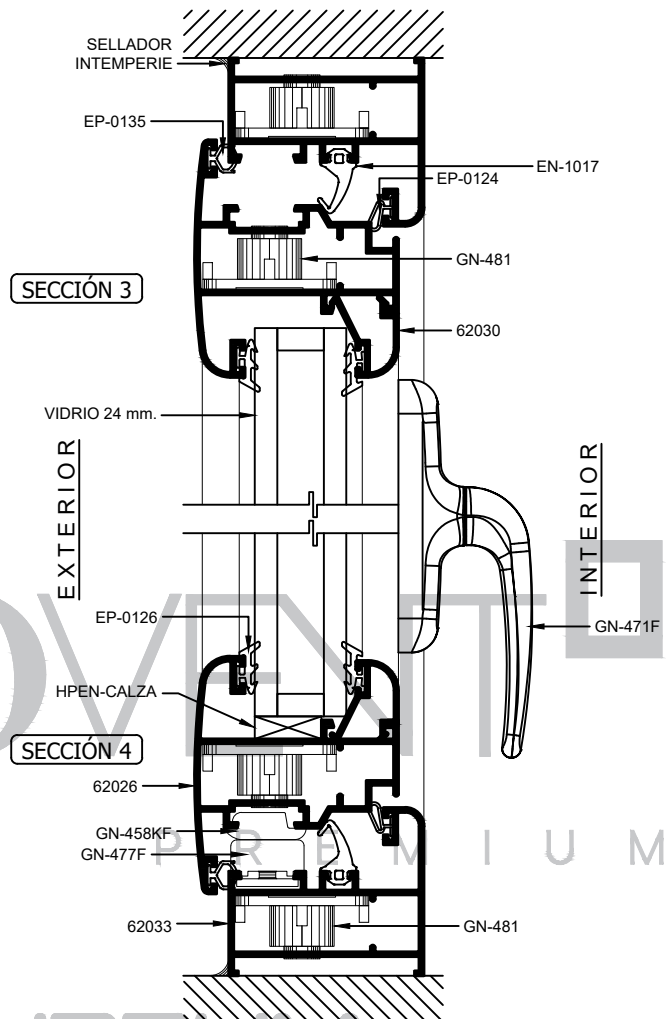
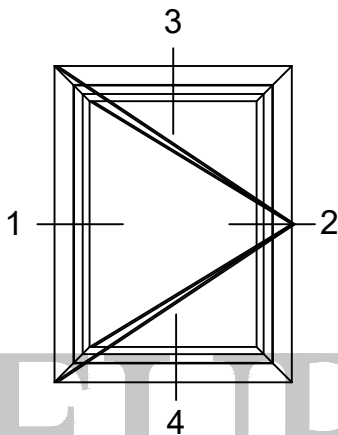
S45



BATIENTE-PROY-VASI-OB



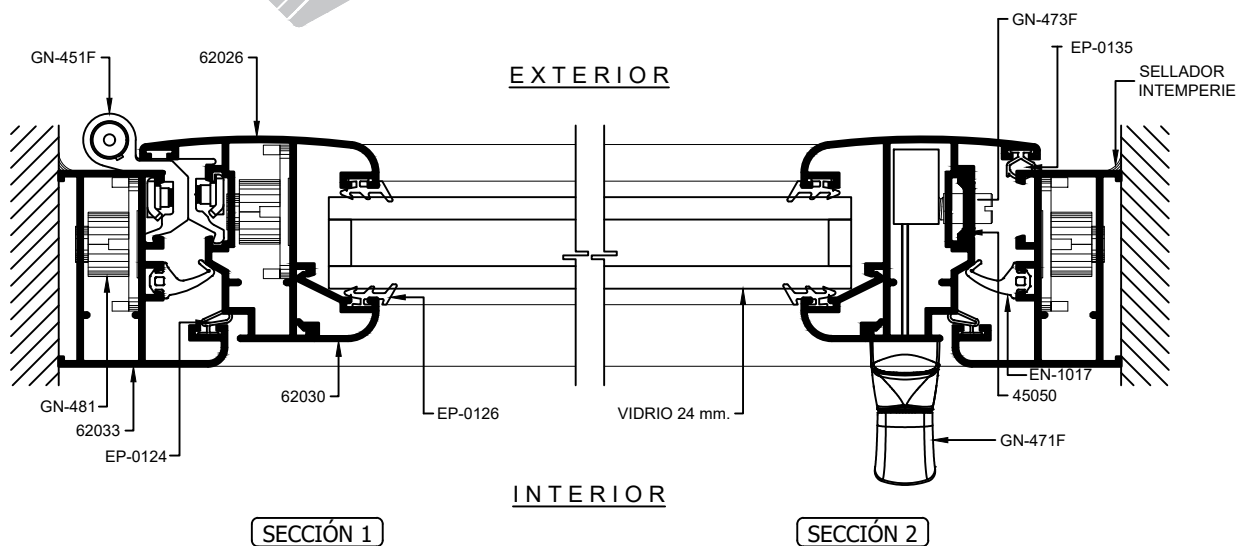
**DOBLE VIDRIO
APERTURA EXTERIOR**



**PREMIUM
SERIE**

BATIENTE-PROY.-VASI-OB

S45





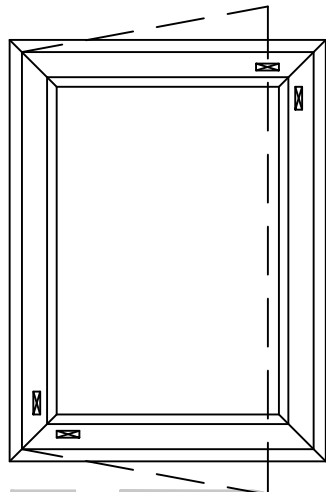
PREMIUM

SERIE

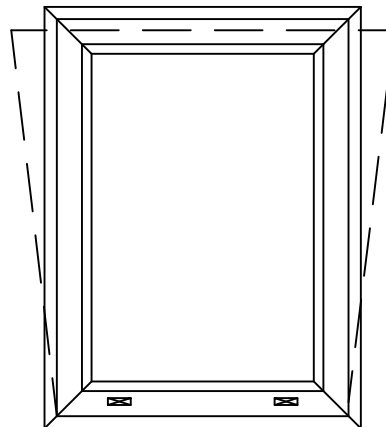
S45



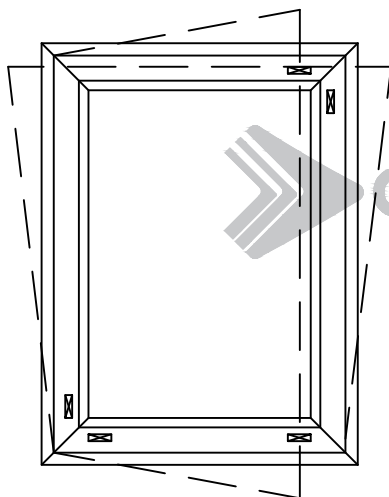
BATIENTE-PROY-VASI-OB



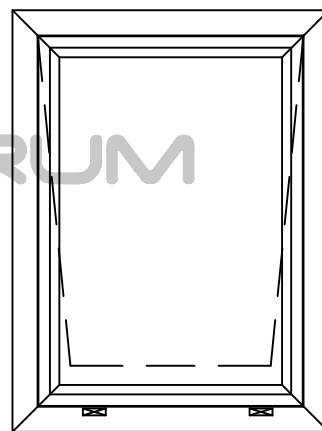
BATIENTE



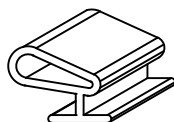
VASISTA



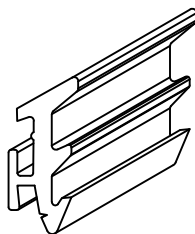
OSCILOBATIENTE



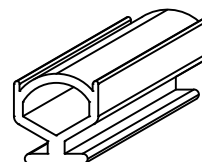
PROYECTABLE



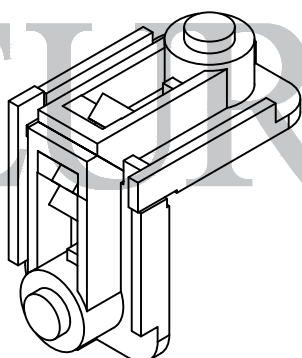
EP-0124
EMPAQUE HONGO DECENTRADO



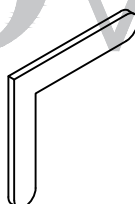
EP-0126
EMPAQUE VIDRIO DE HOJA



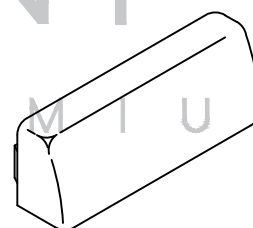
EP-0135
EMPAQUE HONGO DE HOJA



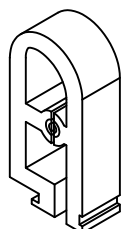
GN-481
ESCUADRA DE BOTÓN 421



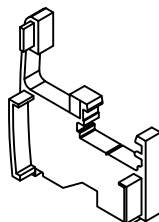
GN-618
ESCUADRA DE ALINEACIÓN



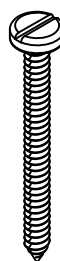
GN-554
TAPA DREN



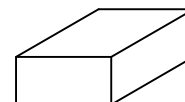
GN-612
CONECTOR 575 BERNINA



GN-483
TAPON CIEGABATIENTE



PIJA
#8x1½"



HPEN-CALZA
1/4 " x 3/8"



PREMIUM

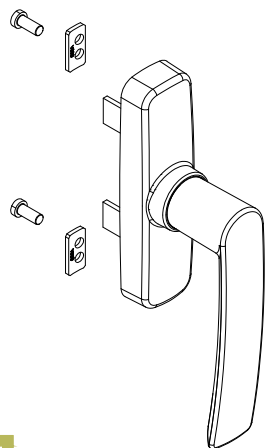
SERIE

S45

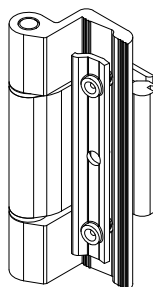


BATIENTE-PROY-VA-SI-OB

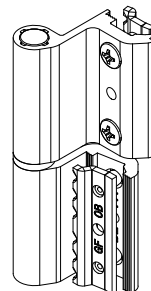
ACCESORIOS TÍPICOS PARA SOLUCIÓN BATIENTE INTERIOR



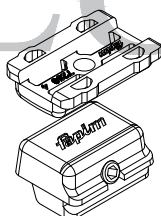
KIT CREMONA PRIMA
GN-450F
FUNCIÓN REVERSIBLE



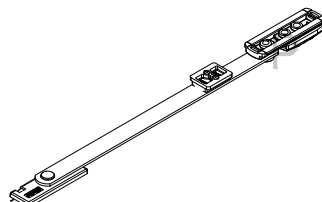
BISAGRA GRIP TRES PALAS
GN-461F
CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 90 KG.
CON 3 BISAGRAS 100 KG.



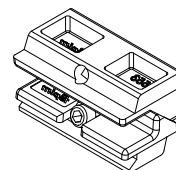
BISAGRA GRIP DOS PALAS
GN-451F PREMONTADA DERECHA
CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 75 KG.
CON 3 BISAGRAS 85 KG.
(CONSIDERANDO DIMENSIONES
DE 1000 MM. x 2000 MM.)



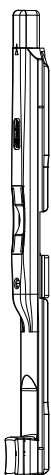
POSICIONADOR DE HOJAS
GN-458KF



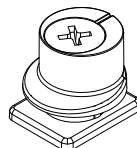
COMPAS LIMITADOR
GN-457F
CARACTERÍSTICAS:
ABERTURA MINIMA DE 450 MM.



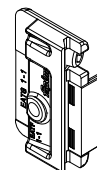
3ER PUNTO DE CIERRE
REGULABLE BT
GN-478KF



PASADOR HOJA PASIVA
GN-485F



BULÓN DE CIERRE
REGULABLE BT
GN-479F



ENCUENTRO PARA
BULÓN REGULABLE
GN-480F

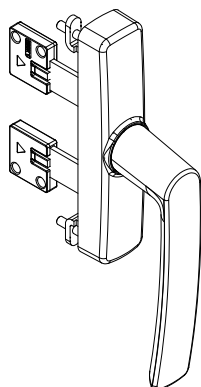
PREMIUM
SERIE

S45

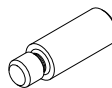


BATIENTE-PROY-VASI-OB

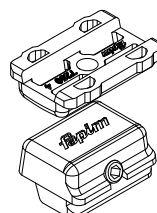
ACCESORIOS TÍPICOS PARA SOLUCIÓN BATIENTE EXTERNA



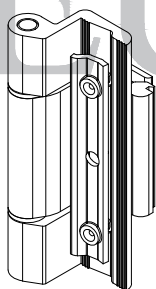
GN-471F
CREMONA GAIA DE DOS PALAS



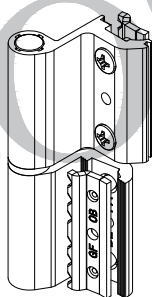
EJE 18 MM BT
GN-473F



POSICIONADOR DE HOJAS
GN-458KF

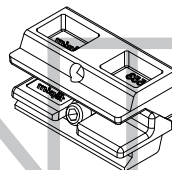


BISAGRA BRIDGE
GN-461F
CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 90 KG.
CON 3 BISAGRAS 100 KG.

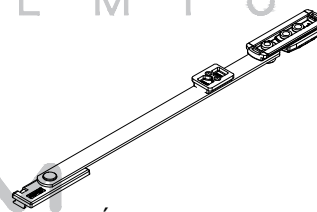


BISAGRA FLASH
GN-451F PREMONTADA DERECHA

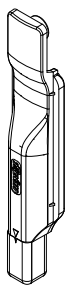
CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 75 KG.
CON 3 BISAGRAS 85 KG.
(CONSIDERANDO DIMENSIONES
DE 1000 MM. x 2000 MM.)



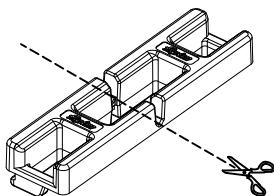
3ER PUNTO DE CIERRE
REGULABLE BT
GN-478KF



COMPÁS LIMITADOR
GN-457F
CARACTERÍSTICAS:
ABERTURA MÍNIMA DE 450 MM.



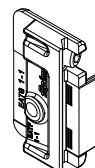
TERMINAL PLETINA
GN-476F



ENCUENTRO DOBLE INFERIOR Y
SUPERIOR (SE CORTA)
GN-477F



BULÓN DE CIERRE
REGULABLE BT
GN-479F



ENCUENTRO PARA
BULÓN REGULABLE
GN-480F

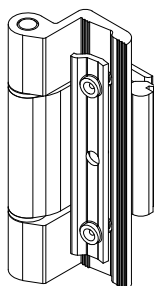
PREMIUM
SERIE

S45



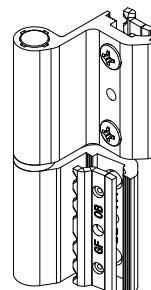
BATIENTE-PROY-VASI-OB

ACCESORIOS TÍPICOS PARA SOLUCIÓN VASISTA



BISAGRA BRIDGE
GN-461F

CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 90 KG.
CON 3 BISAGRAS 100 KG.



BISAGRA FLASH
GN-451F PREMONTADA DERECHA

CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 75 KG.
CON 3 BISAGRAS 85 KG.
(CONSIDERANDO DIMENSIONES
DE 1000 MM. x 2000 MM.)



PREMIUM

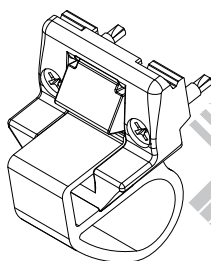
SERIE

S45



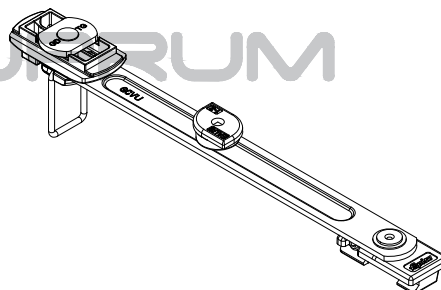
BATIENTE-PROY-VASI-OB

EUROVENT[®]
P R E M I U M



CIERRE GOLPETE CICO
GN-459F

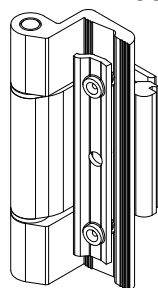
CARACTERÍSTICAS:
HASTA 600 MM. DE ANCHO



COMPAS ABATIBLE RALLENTY
GN-460F

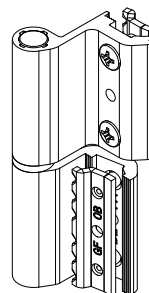
CARACTERÍSTICAS:
ABERTURA MÁXIMA
DE 45° O 450 MM.

ACCESORIOS TÍPICOS PARA SOLUCIÓN PROYECTABLE



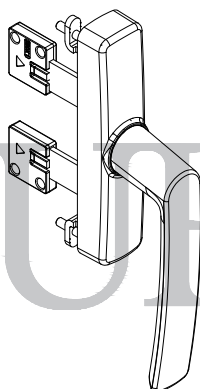
**BISAGRA BRIDGE
GN-461F**

CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 90 KG.
CON 3 BISAGRAS 100 KG.

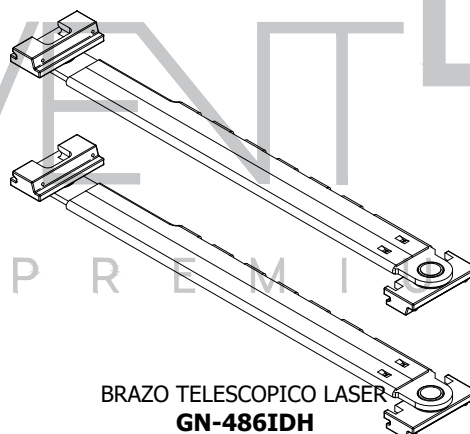


**BISAGRA FLASH
GN-451F PREMONTADA DERECHA**

CARACTERÍSTICAS:
CAPACIDAD DE CARGA
CON 2 BISAGRAS 75 KG.
CON 3 BISAGRAS 85 KG.
(CONSIDERANDO DIMENSIONES
DE 1000 MM. x 2000 MM.)

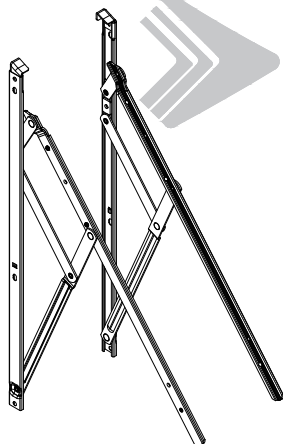


**GN-471F
CREMONA GAIA DE DOS PALAS**



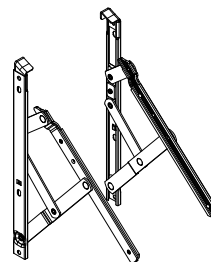
**BRAZO TELESCOPICO LASER
GN-486IDH**

CARACTERÍSTICAS:
CARGA MÁXIMA DE 80 KG.
(MÍNIMO 500 MM. DE ALTURA)



**COMPÁS LARGO 1980
GN-488A**

DIMENSIONES MÁXIMAS:
1000 x 1000 MM.
PESO MÁXIMO:
25 KG. (LA PAREJA)
ALTURA DE LA HOJA:
493 MM. MÍNIMO



**COMPÁS CORTO 1981
GN-489HE**

DIMENSIONES MÁXIMAS:
600 x 600 MM.
PESO MÁXIMO:
25 KG. (LA PAREJA)
ALTURA DE LA HOJA:
290 MM. MÍNIMO

PREMIUM
SERIE

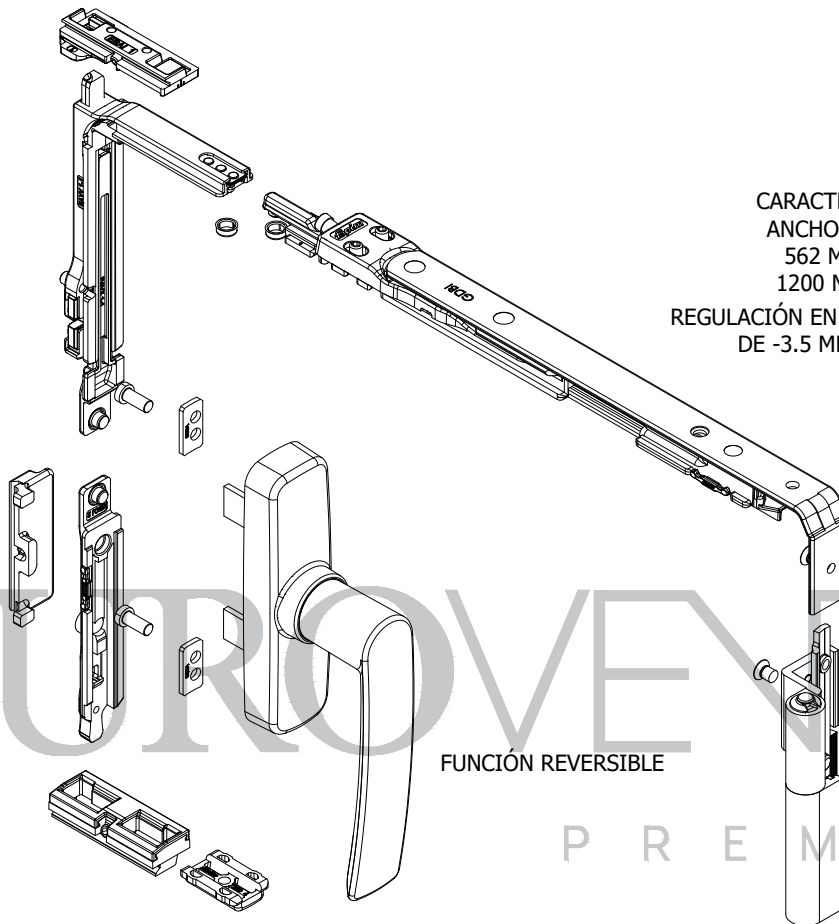
S45



BATIENTE-PROY.-VA SI-OB

ACCESORIOS TÍPICOS PARA SOLUCIÓN OSCILO BATIENTE

KIT OSCILO CREMONA GEA Y BRAZO M GN-453F



CARACTERÍSTICAS:

ANCHO DE HOJA:

562 MM. MIN.

1200 MM. MAX.

REGULACIÓN EN LA CAÍDA DE HOJA
DE -3.5 MM A +1.5 MM

FUNCIÓN REVERSIBLE

P R E M I U M



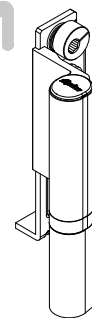
PREMIUM

SERIE

S45



BATIENTE-PROY-VASI-OB

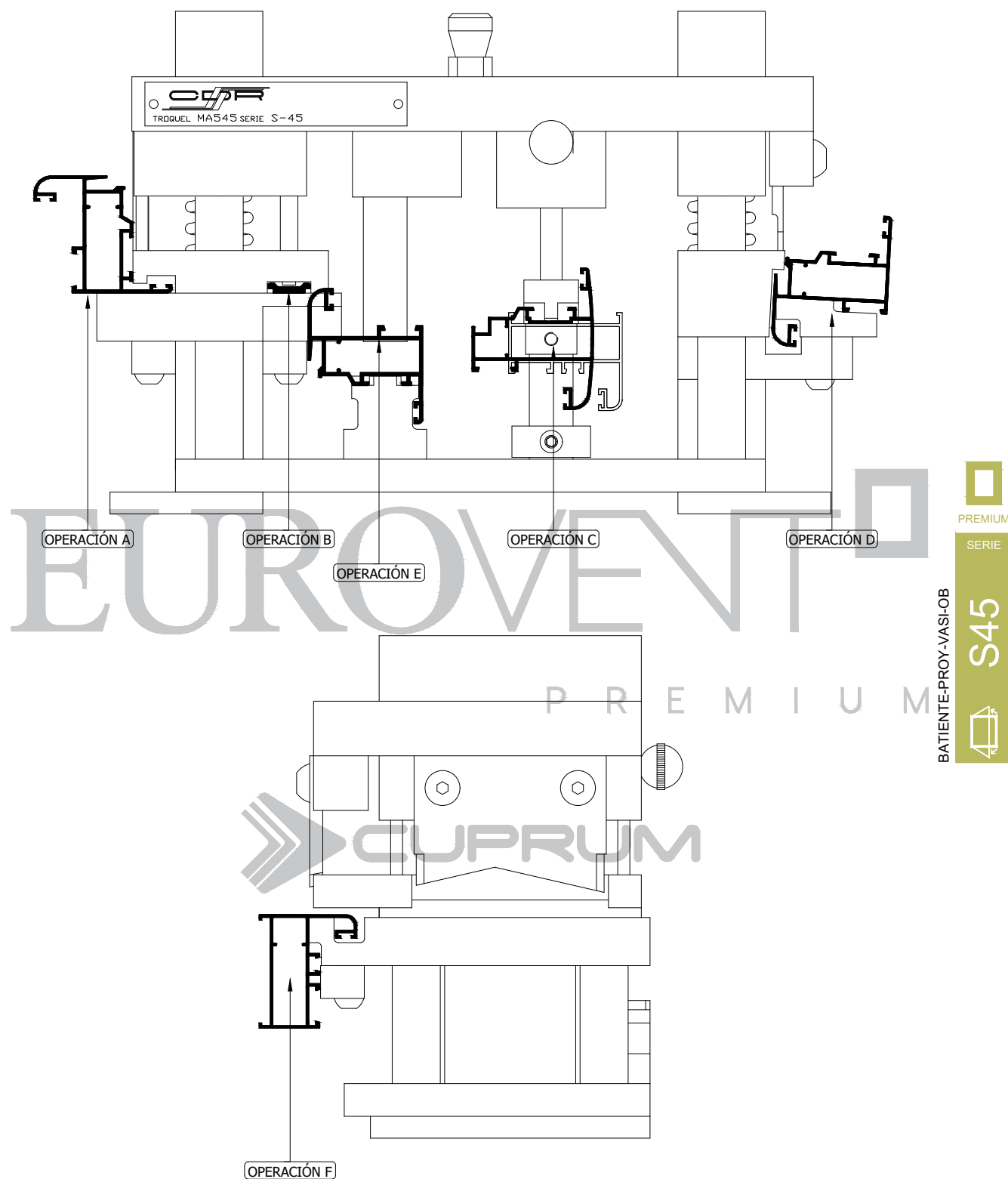


COMPÁS LIMITADOR

GN-457F

CARACTERÍSTICAS:

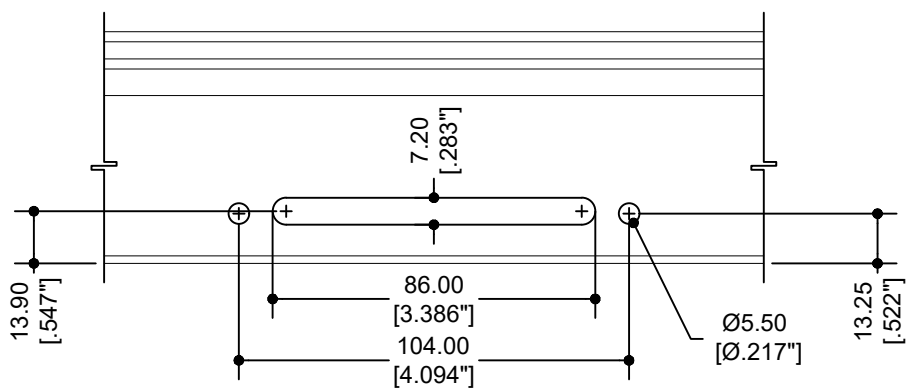
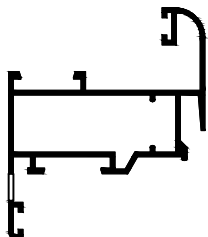
ABERTURA MÍNIMA DE 450 MM.



PARA REALIZAR TODAS LAS OPERACIONES DE TROQUELADO, EL MATERIAL DEBE DE ESTAR CORTADO A MEDIDA DE FABRICACIÓN

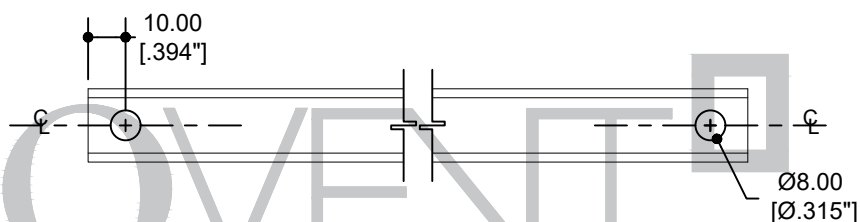
OPERACIÓN A

CREMONA
62027 "Z" APERTURA INTERIOR



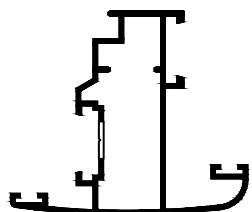
OPERACIÓN B

45050 PLETINA

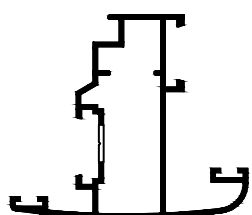
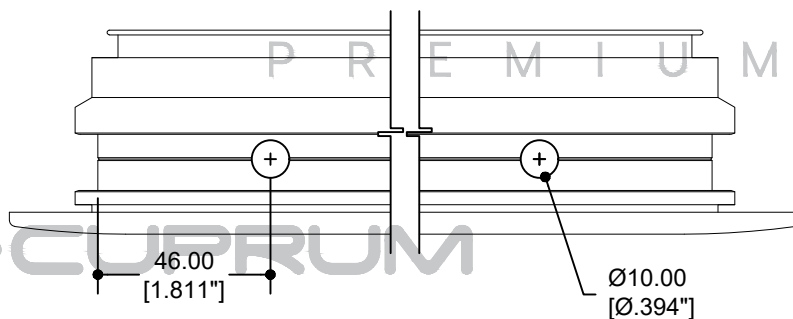


OPERACIÓN C

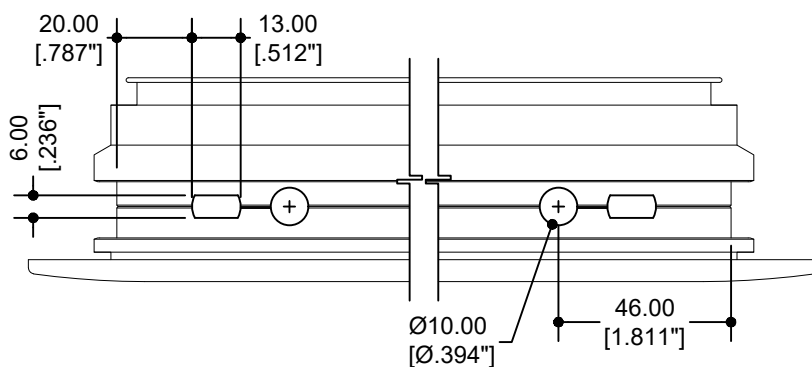
62026 "T" APERTURA EXTERIOR



ESCUADRA DE BOTÓN HOR.



ESCUADRA DE BOTÓN VERT.



SERIE

S45



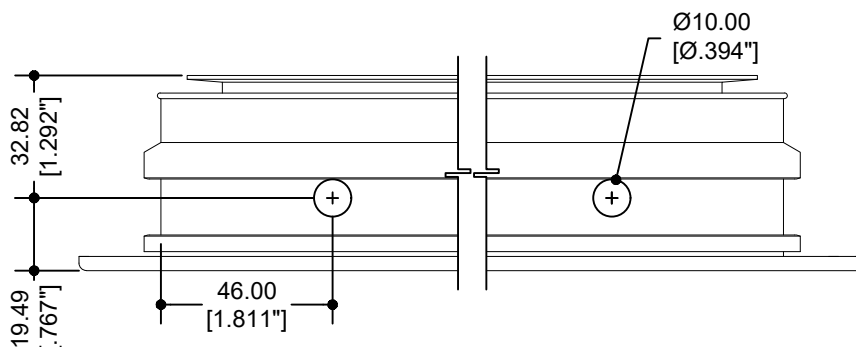
BATIENTE-PROY-VASI-OB

OPERACIÓN C

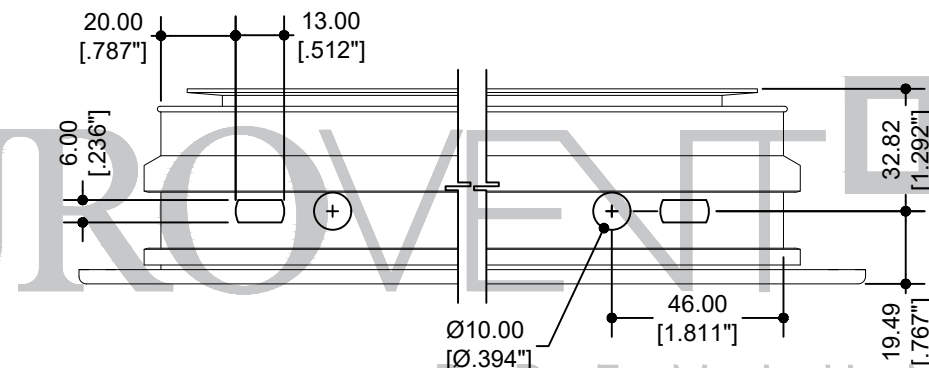
62027 "Z" APERTURA INTERIOR



ESCUADRA DE BOTÓN HOR.



ESCUADRA DE BOTÓN VERT.

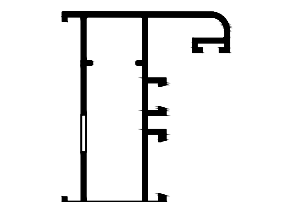
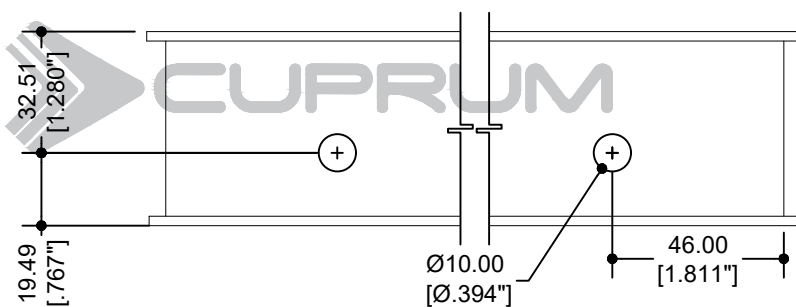


OPERACIÓN C

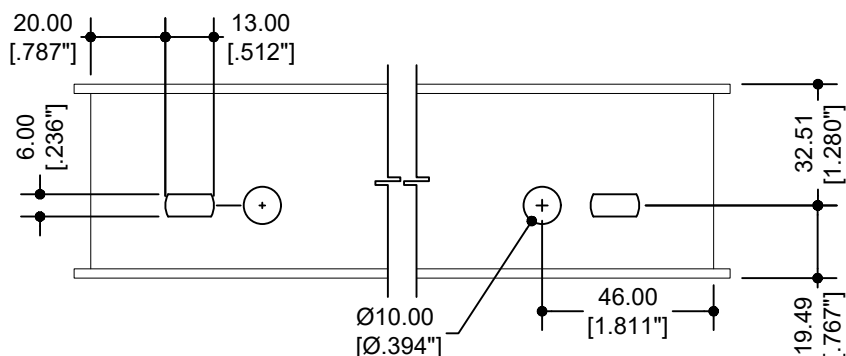
62033 "L" CONTRAMARCO



ESCUADRA DE BOTÓN HOR.



ESCUADRA DE BOTÓN VERT.



PREMIUM
SERIE

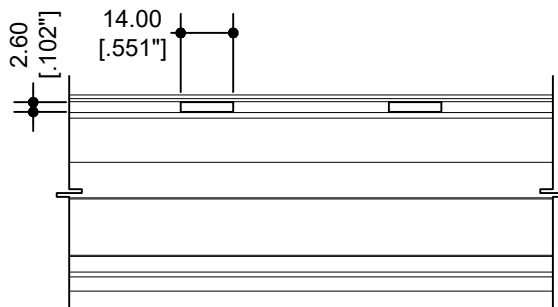
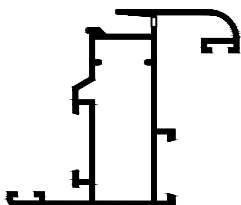
S45



BATIENTE-PROY-VASI-OB

OPERACIÓN D

62027 "Z" APERTURA INTERIOR



OPERACIÓN E

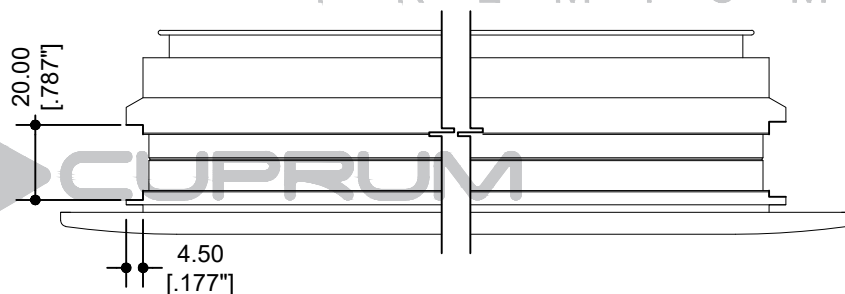
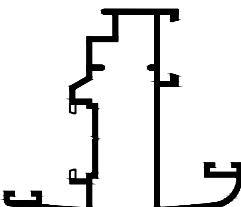
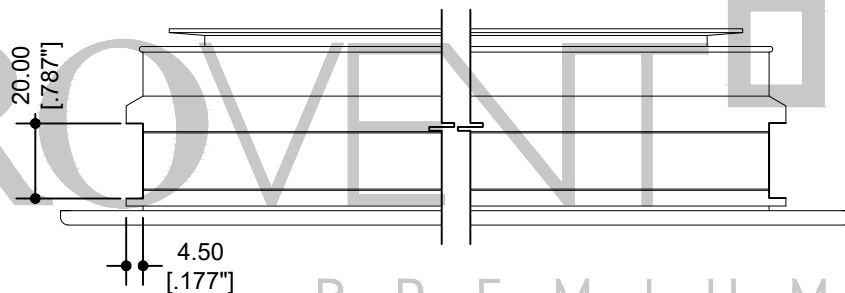
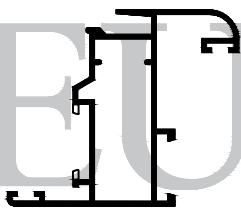
62026 "T" APERTURA EXTERIOR
62027 "Z" APERTURA INTERIOR

PREMIUM
SERIE

S45

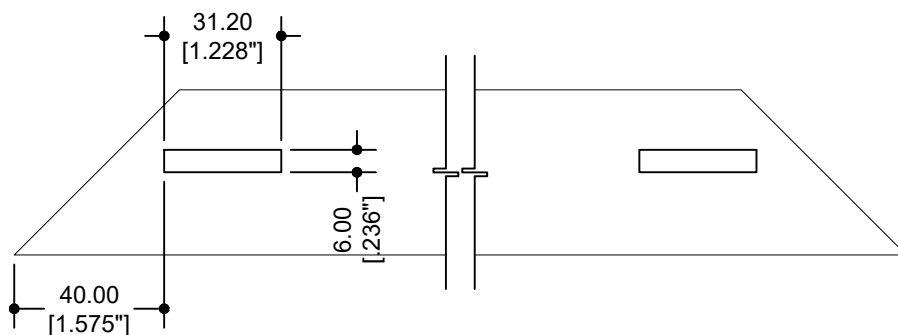
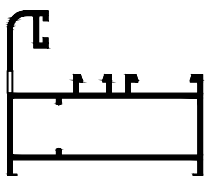


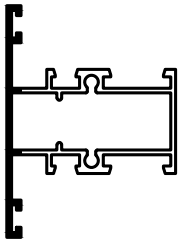
BATIENTE-PROY-VASI-OB



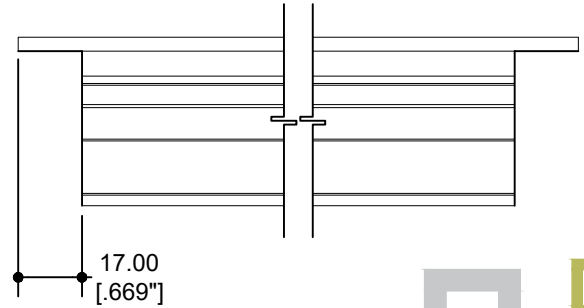
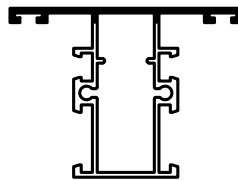
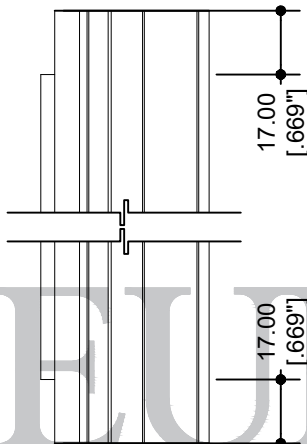
OPERACIÓN F

DRENE TUBULAR
62033 "L" CONTRAMARCO

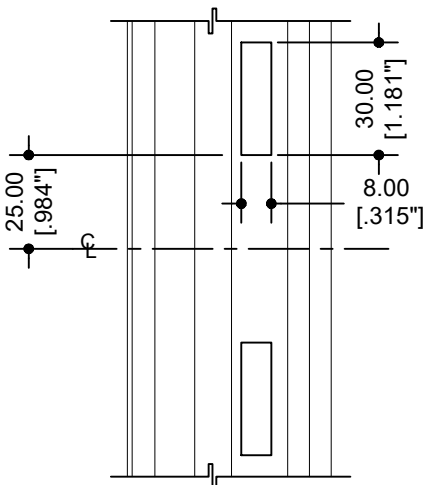
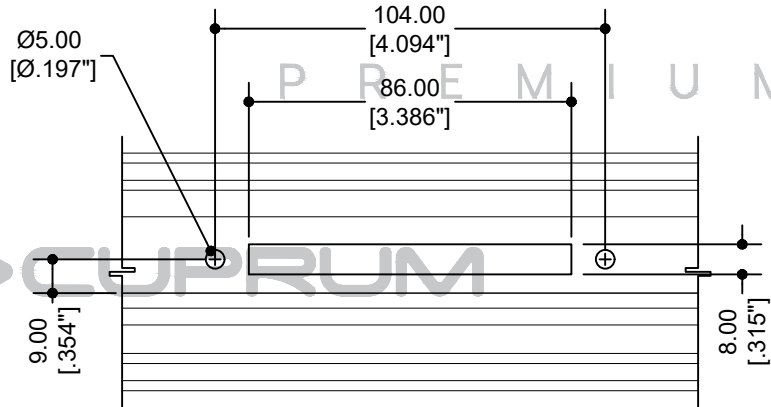
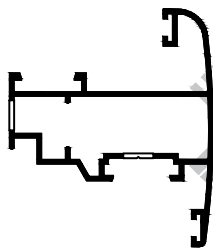




62041 INTERMEDIO CUADRÍCULA
62028 "T" INTERMEDIO



62026 "T" APERTURA EXTERIOR



PREMIUM

SERIE

S45



BATIENTE-PROY-VASI-OB

PREMIUM
SERIE
S45
BATIENTE-PROY-VASI-OB

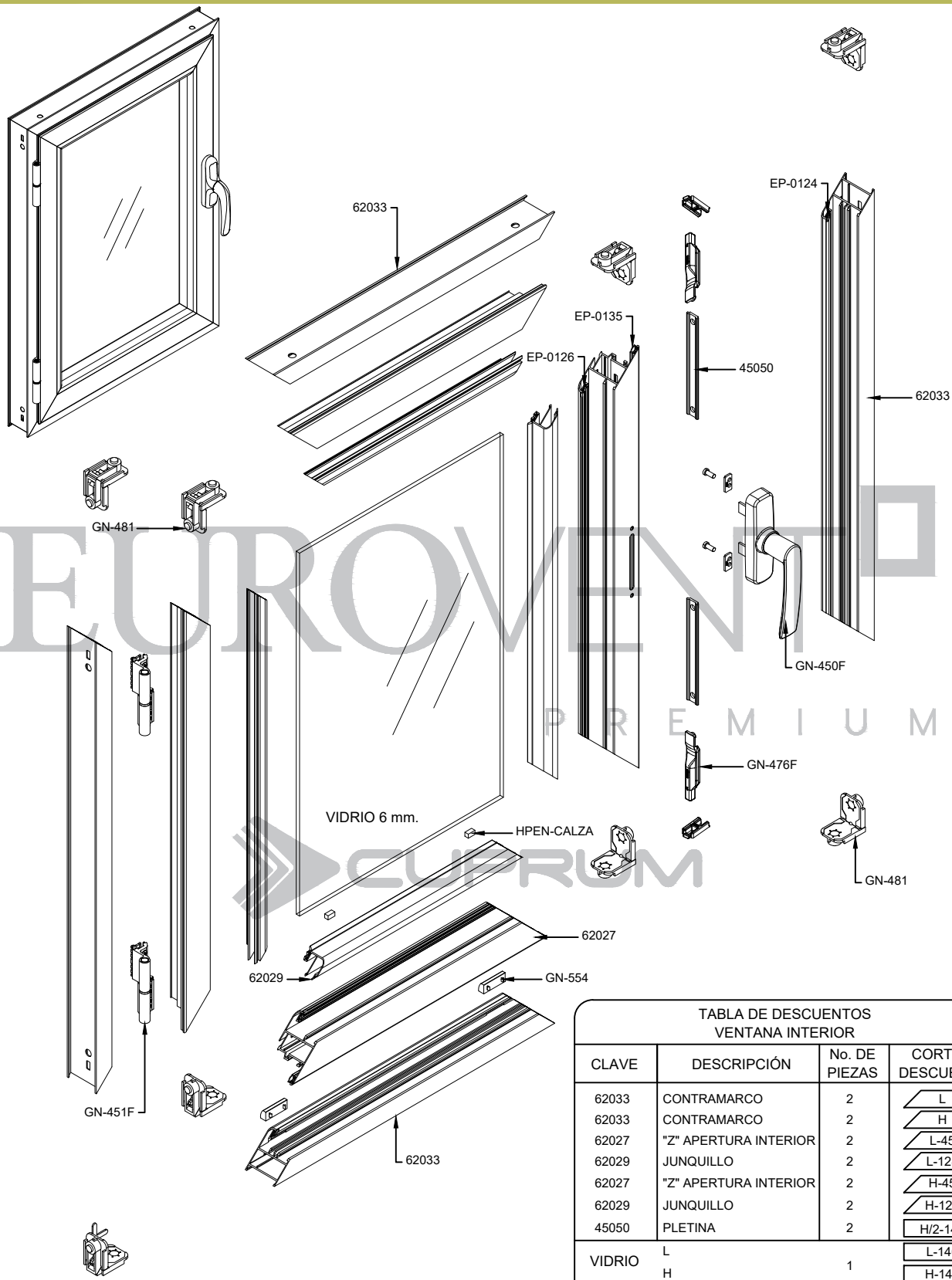
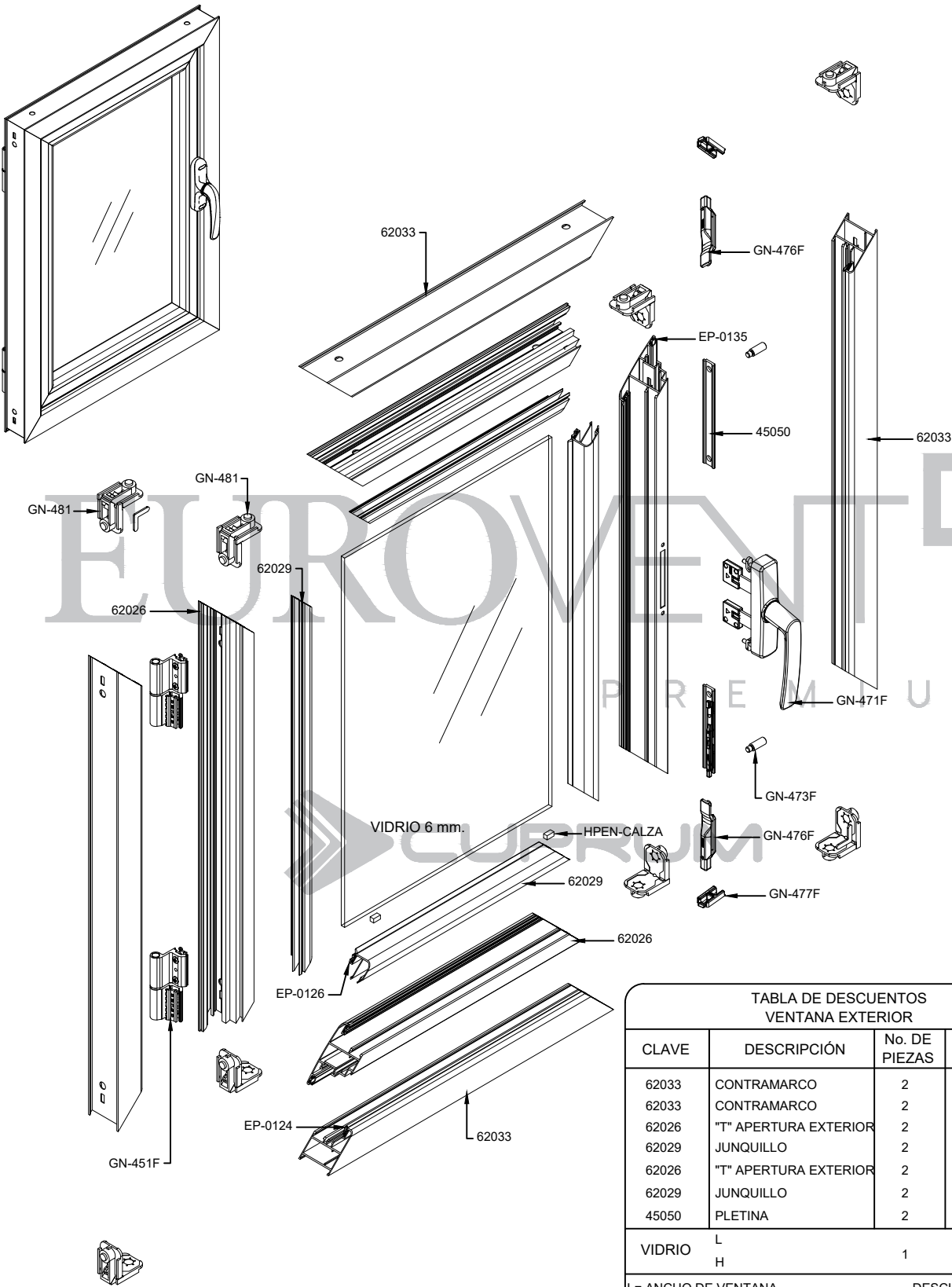
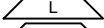
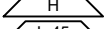
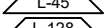
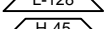
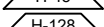
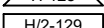
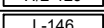
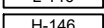


TABLA DE DESCUENTOS VENTANA INTERIOR			
CLAVE	DESCRIPCIÓN	No. DE PIEZAS	CORTE Y DESCUENTO
62033	CONTRAMARCO	2	L
62033	CONTRAMARCO	2	H
62027	"Z" APERTURA INTERIOR	2	L-45
62029	JUNQUILLO	2	L-128
62027	"Z" APERTURA INTERIOR	2	H-45
62029	JUNQUILLO	2	H-128
45050	PLETINA	2	H/2-141
VIDRIO	L	1	L-146
	H		H-146
L= ANCHO DE VENTANA H= ALTO DE VENTANA		DESCUENTOS EN MM.	

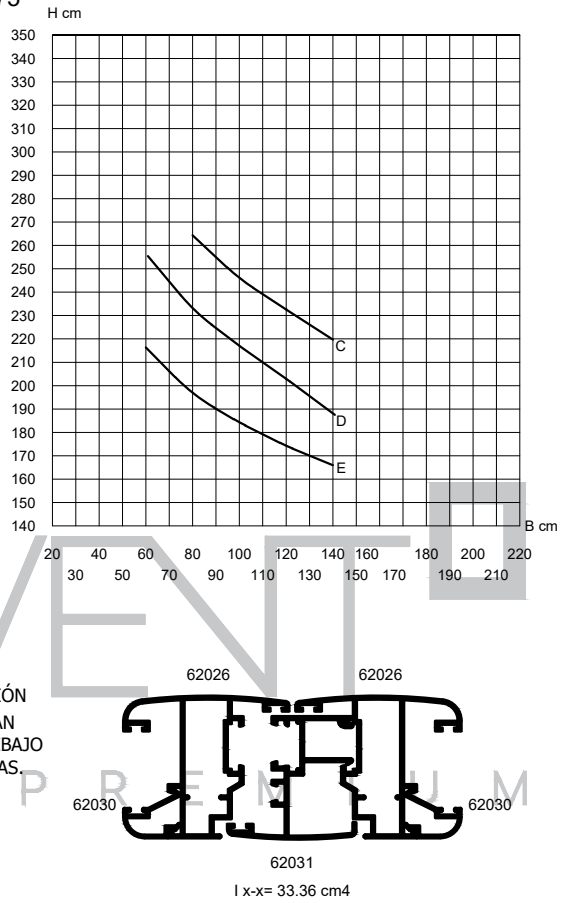
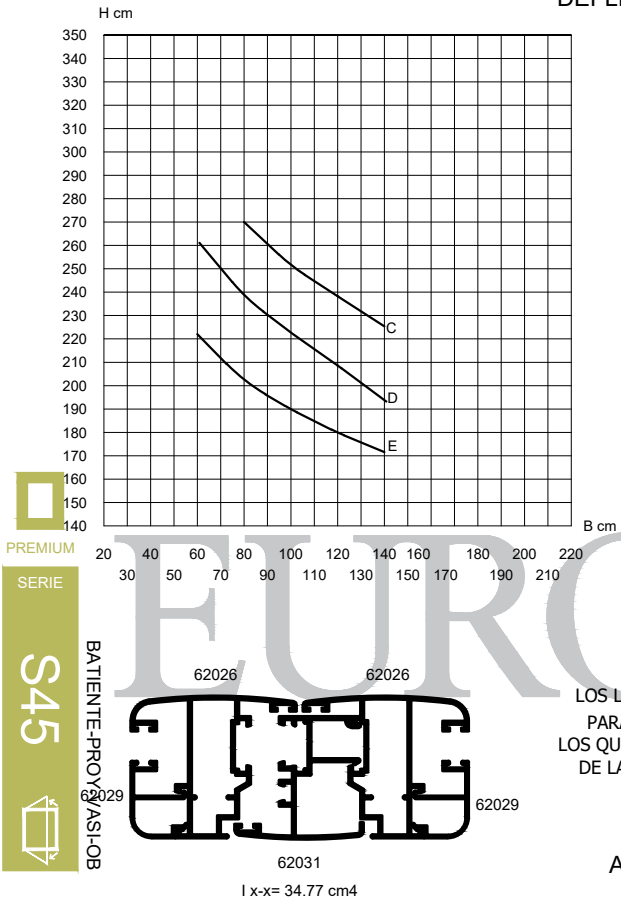


PREMIUM
SERIE
S45
BATIENTE-PROY-VASI-OB

TABLA DE DESCUENTOS VENTANA EXTERIOR			
CLAVE	DESCRIPCIÓN	No. DE PIEZAS	CORTE Y DESCUENTO
62033	CONTRAMARCO	2	
62033	CONTRAMARCO	2	
62026	"T" APERTURA EXTERIOR	2	
62029	JUNQUILLO	2	
62026	"T" APERTURA EXTERIOR	2	
62029	JUNQUILLO	2	
45050	PLETINA	2	
VIDRIO	L	1	
	H		
L= ANCHO DE VENTANA		DESCUENTOS EN MM.	
H= ALTO DE VENTANA			

VENTANA BATIENTE APERTURA EXTERNA
A UNA ALTURA DE 15 METROS

DEFLEXIÓN MAX. L/175



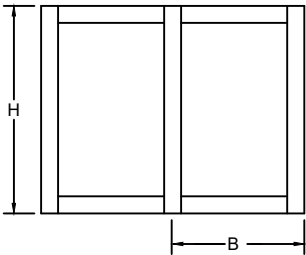
LOS LÍMITES DE FABRICACIÓN
PARA LOS PERFILES, SERÁN
LOS QUE SE ENCUENTREN DEBAJO
DE LAS CURVAS GRAFICADAS.

ALEACIÓN: 6063
TEMPLE: 5

Valores de presión por velocidad de viento

Curvas	Presión del diseño	Velocidad de viento	Zona
C	65 Kg/m ²	120 Km/h	Centro de grandes ciudades, Barrios Residenciales, Campo Abierto
D	145Kg/m ²	160 Km/h	Zona Costera
E	195 Kg/m ²	180 Km/h	Zona Huracanes

LOS LÍMITES DE UN CANCEL VAN EN FUNCIÓN DE LA
COMBINACIÓN DE RESISTENCIA DEL PERFIL DE ALUMINIO,
EL VIDRIO Y LOS ACCESORIOS QUE LO INTEGRAN.

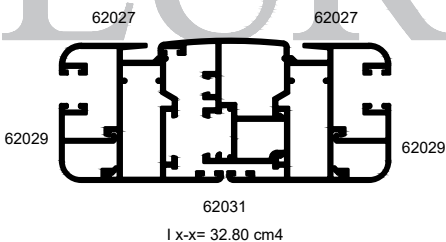
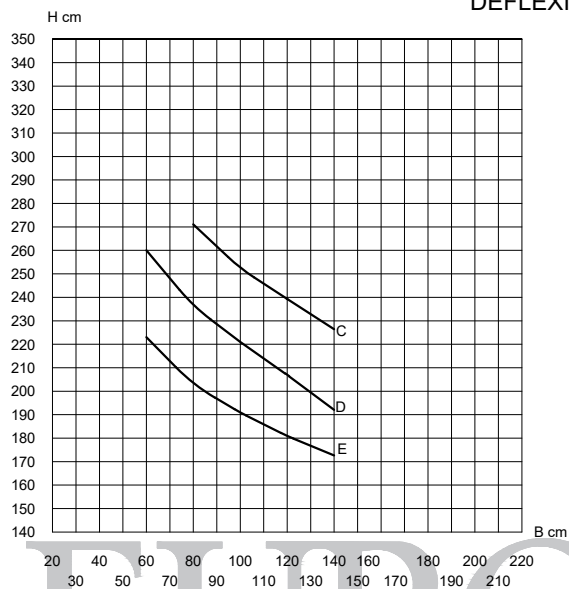


VERIFICAR QUE LA DEFLEXIÓN DEL PERFIL SEA
COMPATIBLE CON EL VIDRIO UTILIZADO.

VENTANA BATIENTE APERTURA INTERNA

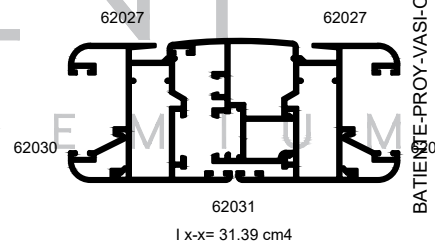
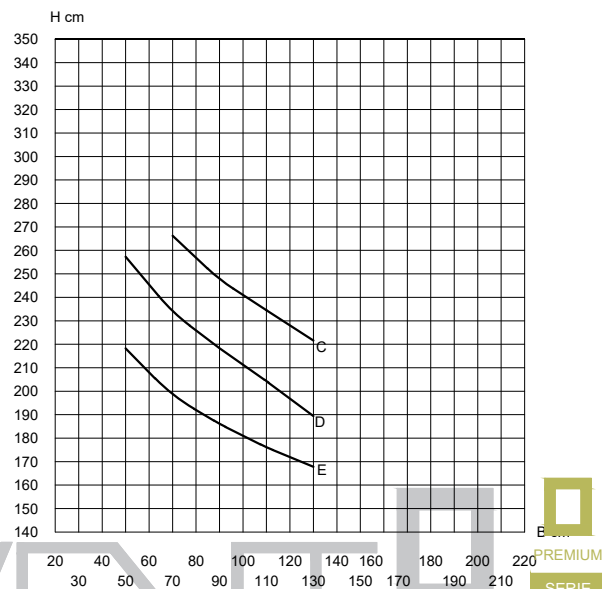
A UNA ALTURA DE 15 METROS

DEFLEXIÓN MAX. L/175



LOS LÍMITES DE FABRICACIÓN
PARA LOS PERFILES, SERÁN
LOS QUE SE ENCUENTREN DEBAJO
DE LAS CURVAS GRAFICADAS.

ALEACIÓN: 6063
TEMPLE: 5



BATIENTE-PROY.-VASI-OB



PREMIUM

SERIE

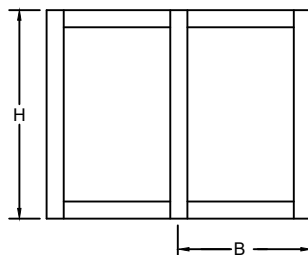
S45



Valores de presión por velocidad de viento

Curvas	Presión del diseño	Velocidad de viento	Zona
C	65 Kg/m ²	120 Km/h	Centro de grandes ciudades, Barrios Residenciales, Campo Abierto
D	145 Kg/m ²	160 Km/h	Zona Costera
E	195 Kg/m ²	180 Km/h	Zona Huracanes

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COMBINACIÓN DE RESISTENCIA DEL PERFIL DE ALUMINIO,
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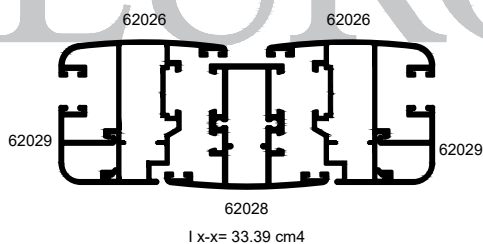
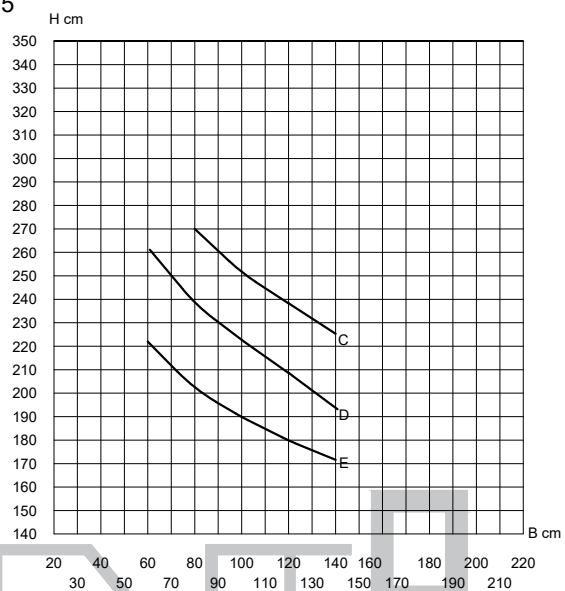
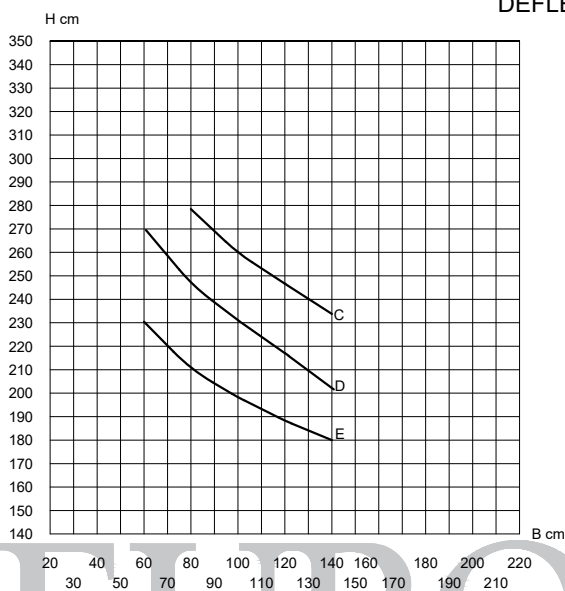


VERIFICAR QUE LA DEFLEXIÓN DEL PERFIL SEA
COMPATIBLE CON EL VIDRIO UTILIZADO.

VENTANA BATIENTE APERTURA EXTERNA

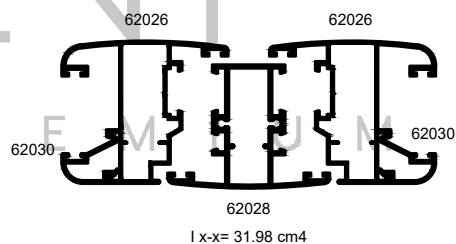
A UNA ALTURA DE 15 METROS

DEFLEXIÓN MAX. L/175



LOS LÍMITES DE FABRICACIÓN
PARA LOS PERFILES, SERÁN
LOS QUE SE ENCUENTREN DEBAJO
DE LAS CURVAS GRAFICADAS.

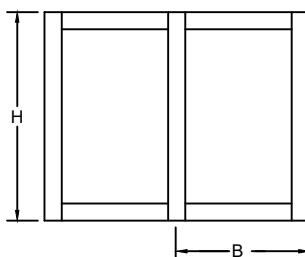
ALEACIÓN: 6063
TEMPLE: 5



Valores de presión por velocidad de viento

Curvas	Presión del diseño	Velocidad de viento	Zona
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COMBINACIÓN DE RESISTENCIA DEL PERFIL DE ALUMINIO,
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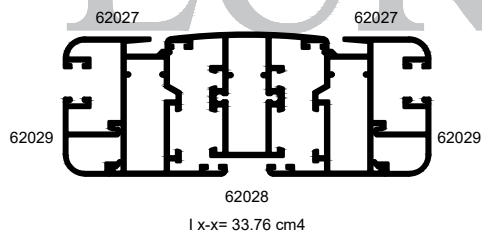
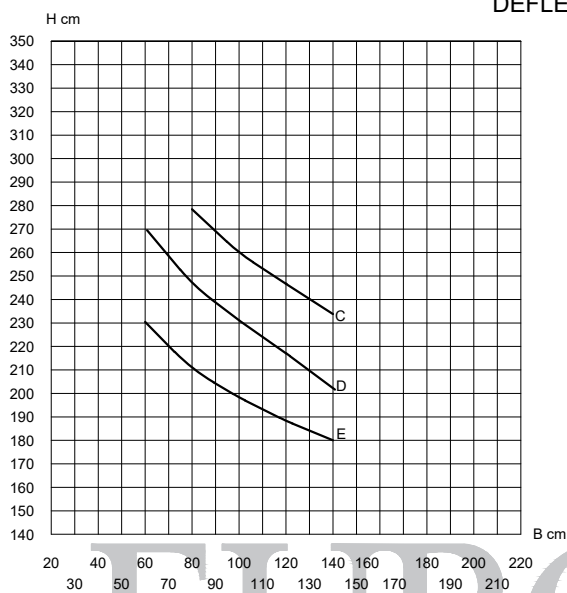


VERIFICAR QUE LA DEFLEXIÓN DEL PERFIL SEA
COMPATIBLE CON EL VIDRIO UTILIZADO.

VENTANA BATIENTE APERTURA INTERNA

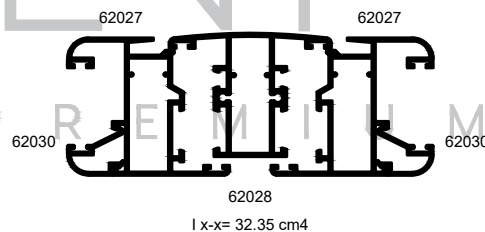
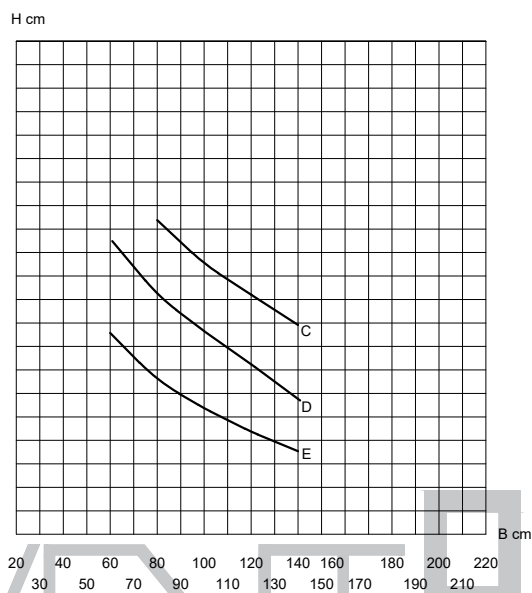
A UNA ALTURA DE 15 METROS

DEFLEXIÓN MAX. L/175



LOS LÍMITES DE FABRICACIÓN
PARA LOS PERFILES, SERÁN
LOS QUE SE ENCUENTREN DEBAJO
DE LAS CURVAS GRAFICADAS.

ALEACIÓN: 6063
TEMPLE: 5



PREMIUM
SERIE

S45

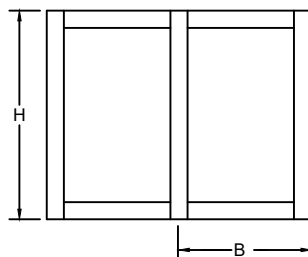


BATIENTE-PROY.-VASI-OB

Valores de presión por velocidad de viento

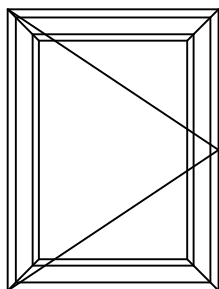
Curvas	Presión del diseño	Velocidad de viento	Zona
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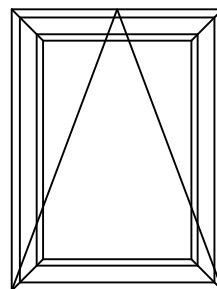


VERIFICAR QUE LA DEFLEXIÓN DEL PERFIL SEA
COMPATIBLE CON EL VIDRIO UTILIZADO.

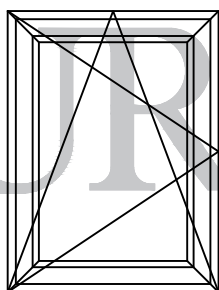
PARÁMETROS MÍNIMOS Y MÁXIMOS DE FABRICACIÓN.

**BATIENTE**

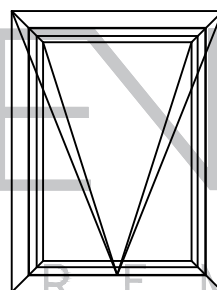
V-45
MÍNIMO 0.45 x 0.55
MÁXIMO 1.00 x 2.00

**VASISTA**

V-45
MÍNIMO 0.35 x 0.35
MÁXIMO 0.70 x 0.70

**OSCILOBATIENTE**

V-45
MÍNIMO 0.55 x 0.55
MÁXIMO 1.00 x 2.40

**PROYECTABLE**

V-45
MÍNIMO 0.30 x 0.50
MÁXIMO 1.00 x 1.50



PREMIUM

SERIE

S45



BATIENTE-PROY-VASI-OB

ALUMINIO

CLAVE	DESCRIPCIÓN	PIEZAS X ATADO	LARGO STD. MTS.	PERÍMETRO ANOD. CM.	PERÍMETRO PUL. CM.
45050	PLETINA	24	6.10	4.73	-
62026	"T" APERTURA EXTERIOR	4	6.10	35.53	9.58
62027	"Z" APERTURA INTERIOR	4	6.10	36.11	8.06
62028	INTERMEDIO FIJO	4	6.10	32.99	9.60
62029	JUNQUILLO 6mm.	12	6.10	17.60	4.26
62030	JUNQUILLO 24mm.	16	6.10	12.44	2.49
62031	INTERMEDIO MÓVIL	12	6.10	37.70	5.78
62032	CONVERTIDOR	12	6.10	25.80	4.62
62033	"L" CONTRAMARCO	4	6.10	30.03	8.09
62041	INTERMEDIO CUADRÍCULA	4	6.10	32.57	9.60

