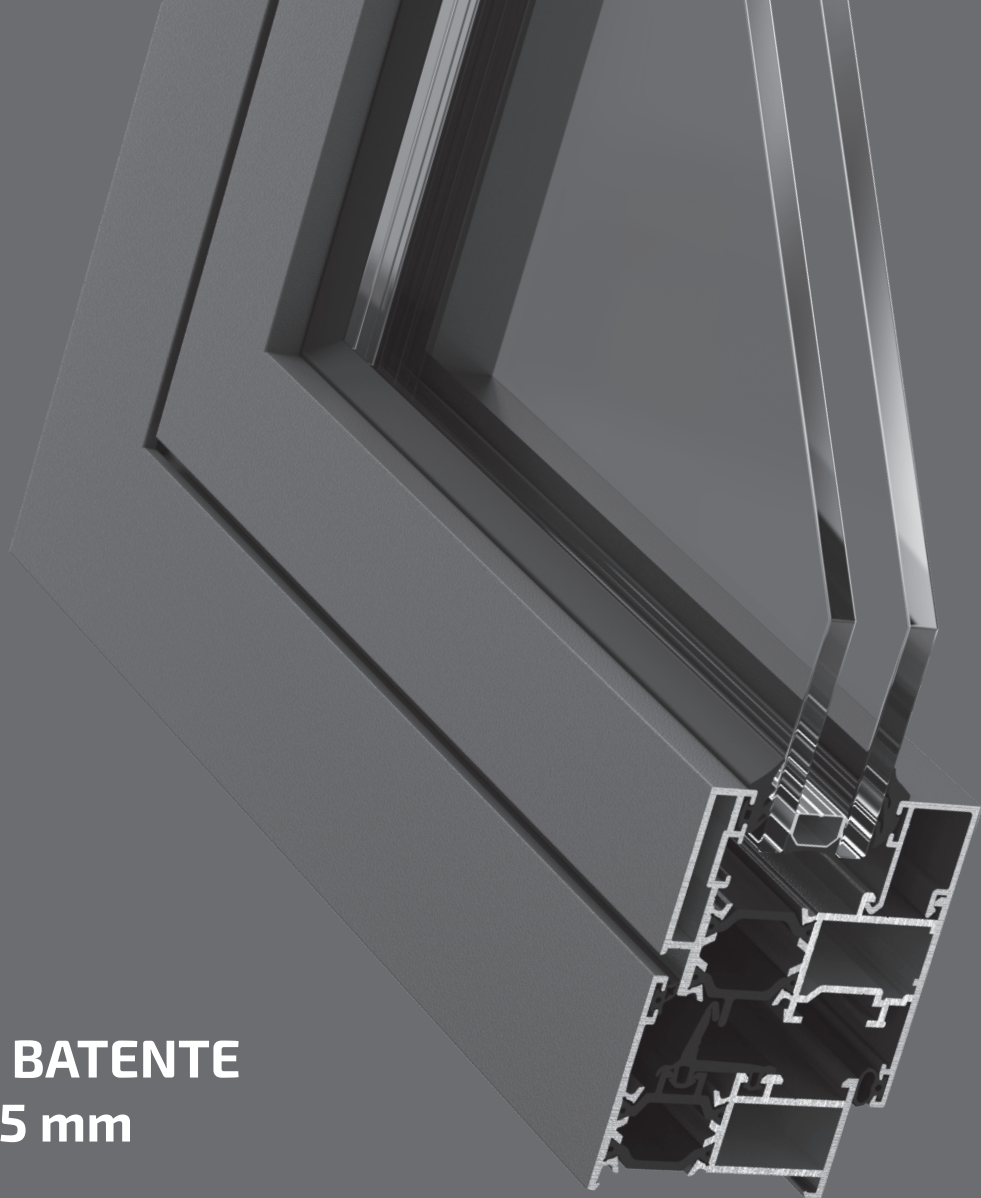


[www.anicolor.pt](http://www.anicolor.pt)



**SISTEMA DE BATENTE  
COM RPT - 55 mm**

**SISTEMA PRACTICABLE DE CANAL EUROPEO  
COM RPT - 55 mm**

**ATi**

 **anicolor**  
Sistemas de Alumínio

## SISTEMA ATI

### Sistema de batente com RPT - 55 mm

#### CARACTERÍSTICAS DO SISTEMA

Sistema de batente com rotura térmica e de elevadas prestações térmicas e acústicas. O sistema ATI possibilita a execução de 4 versões de caixilharia:

1. linha recta;
2. linha curva;
3. linha tradição;
4. linha oval.

O sistema ATI permite a aplicação de vidros duplos de alto rendimento de modo a responder às exigências de isolamento térmico e acústico.

#### PERFIS DE ALUMÍNIO

Os perfis de alumínio são extrudidos na liga de alumínio 6060 para arquitetura de acordo com norma NP EN 12020-02.

Perfis com rotura térmica obtida por inserção de varetas isolantes de poliamida tipo ómega de 24 mm reforçadas com 25% de fibra de vidro.

Espessura média dos perfis de alumínio de 1.5 mm para janelas e de 1.7 mm para portas;

#### AROS FIXOS

Secção dos aros fixos de 55 mm ou 80 mm;

Aros fixos com esquadro para montagem a meia esquadria;

Aros fixos tradicionais para mercado interno;

Aros fixos com clip exterior e aba de remate direta de 25 mm ou 45 mm para o mercado francês;

Aros fixos com clip exterior e interior para aplicação de remate para o mercado francês.

#### AROS MÓVEIS

Secção dos aros móveis de 63 mm;

Enchimento para vidro desde 10 mm a 47 mm;

Aros móveis de linha recta, curva, tradição ou oval (sem bite);

Aros móveis com esquadro para montagem a meia esquadria;

Perfil inversor de linha recta.

#### 38 DIMENSIONAMENTO E MANOBRABILIDADE

Dimensões mínimas - máximas de folha: 400 mm - 1500 mm (L); 400 mm - 2700 mm (H);

Possibilidades de abertura: fixo, batente interior 1 ou 2 folhas com oscilo-batente, exterior, basculante, projectante, harmónio e oscilo-paralela;

Estanquidade assegurada através de juntas triplas em EPDM.

#### PERFORMANCES

Sistema certificado por laboratório credenciado, notificado para Ensaio Tipo Inicial (ITT) de acordo com a norma de produto EN 14351-1 para efeitos de Marcação CE.

Categorias alcançadas na avaliação do sistema ATI tipologia janela:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 10207 e EN 1026)
2. Estanquidade à água: Classe 9A (norma de ensaio EN 12208 e EN 1027)
3. Resistência ao vento: Classe C5 (norma de ensaio EN 12210 e EN 12211)

Categorias alcançadas na avaliação do sistema ATI tipologia porta:

1. Permeabilidade ao ar: Classe 4 (norma de ensaio EN 10207 e EN 1026)
2. Estanquidade à água: Classe E750 (norma de ensaio EN 12208 e EN 1027)
3. Resistência ao vento: Classe C2 (norma de ensaio EN 12210 e EN 12211)
4. Resistência à torção estática: Apto 350N (norma de ensaio EN 14609)

Coefficiente de transmissão térmica de vão de 2 folhas com 1.20 m x 1.50 m com vidro

Ug = 0.7 W/m<sup>2</sup>K, com intercalar efeito "Warm Edge":

Uw = 1.57 W/m<sup>2</sup>K

Coefficiente de atenuação acústica de vão de 2 folhas com vidro 4/14 (gás argón)/6:

Rw (C; Ctr) = 38 dB (-5; -9)

Zonas de aplicação segundo RCCTE (em função do valor Ug): I1, I2, I3, V1, V2, V3.

## SISTEMA ATI

### Sistema practicable de canal europeo com RPT - 55 mm

#### CARACTERÍSTICAS DEL SISTEMA

Sistema practicable con rotura térmica y de elevado rendimiento térmico y acústico. El sistema ATI possibilita la ejecución de 4 versiones de carpintería:

1. línea recta;
2. línea curva;
3. línea rústica;
4. línea oval.

El sistema AXI permite la aplicación de vidrios dobles de alto rendimiento por forma a responder a los requisitos de aislamiento térmico y acústico.

#### PERFILES DE ALUMINIO

Los perfiles de aluminio son extrudidos en aleación de aluminio 6060 para arquitectura de acuerdo con la norma NP EN 12020-02. Perfiles con rotura térmica obtenida por inserción de varillas aislantes de poliamida de 24mm reforzadas con 25% de fibra de vidrio.

Espesor medio de los perfiles de aluminio de 1.5 mm para ventanas y de 1.7 mm para puertas.

#### MARCOS

Profundidad de los marcos de 55 mm u 80 mm;

Marcos con escuadra para montaje a englete;

Marcos rústicos;

Marcos con enganche y solape de 25 mm u 45 mm;

Marcos con enganche y interior para aplicación de solape.

#### HOJAS

Profundidad de las hojas de 63 mm;

Acristalamiento para vidrio de 10 mm a 37 mm;

Hojas de línea recta, curva, rústica u oval (sin junquillo);

Hojas con escuadras para montaje a englete;

Perfil inversor de línea recta.

#### DIMENSIONAMIENTO Y MANIOBRABILIDAD

Dimensiones mínimas - máximas de hoja: 400 mm - 1500 mm (L); 400 mm - 2700 mm (H);

Possibilidades de abertura: fijo, practicable interior 1 u 2 hojas con oscilobatiente, exterior, abATible, proyectante, plegable y oscilo-paralela;

Estanquidad asegurada mientras juntas triples de EPDM;

#### ENSAYOS

Sistema certificado por laboratorio credenciado, notificado para Ensayos Tipo Inicial (ITT) de acuerdo con la norma de producto EN 14351-1 para efectos de Marcado CE.

Categorias alcanzadas en los ensayos del sistema ATI tipologia ventana:

1. Permeabilidad al aire: Clase 4 (norma de ensayo EN 10207 y EN 1026)
2. Estanquidad al agua: Clase 9A (norma de ensayo EN 12208 y EN 1027)
3. Resistencia al viento: Clase C5 (norma de ensayo EN 12210 y EN 12211)

Categorias alcanzadas en los ensayos del sistema ATI tipologia puerta:

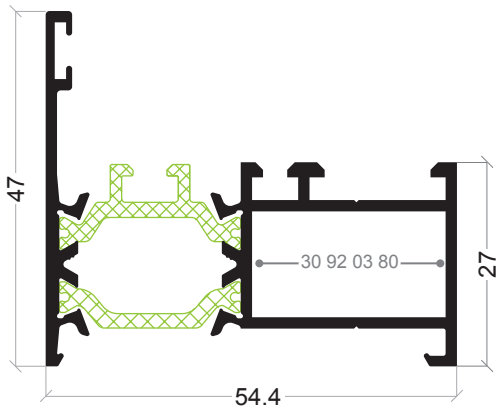
1. Permeabilidad al aire: Clase 4 (norma de ensayo EN 10207 y EN 1026)
2. Estanquidad al agua: Clase E750 (norma de ensayo EN 12208 y EN 1027)
3. Resistencia al viento: Clase C2 (norma de ensayo EN 12210 y EN 12211)
4. Resistencia a la torsión estática: Apto 350N (norma de ensayo EN 14609)

Coefficiente de transmisión térmica de hueco de 2 hojas con 1.20 m x 1.50 m con vidrio Ug =

0.7 W/m<sup>2</sup>K, con intercalar efecto "Warm Edge": Uw = 1.57 W/m<sup>2</sup>K

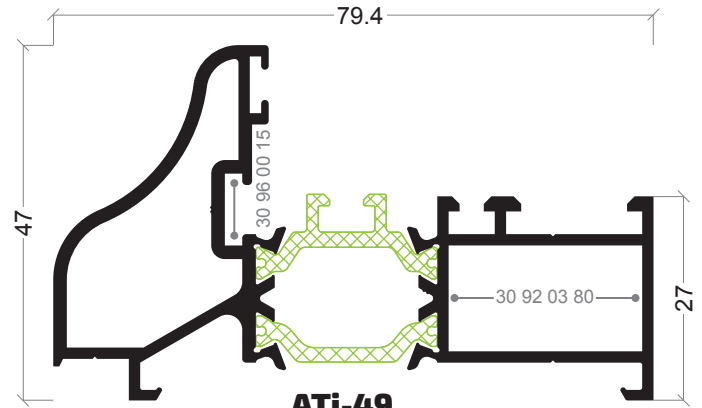
Coefficiente de atenuación acústica de hueco de 2 hojas con vidrio 4/14 (gas argón)/6: Rw

(C; Ctr) = 38 dB (-5; -9)



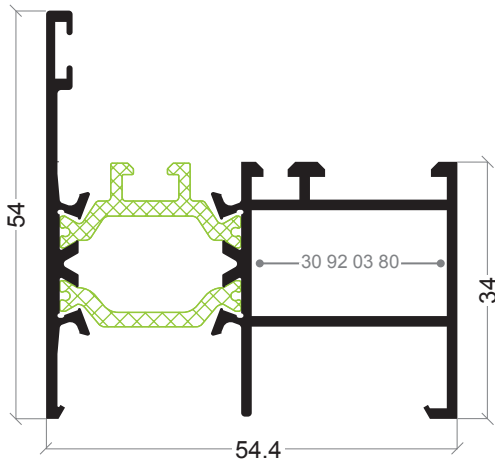
**ATi-03**

Aro fixo  
Marco ventana



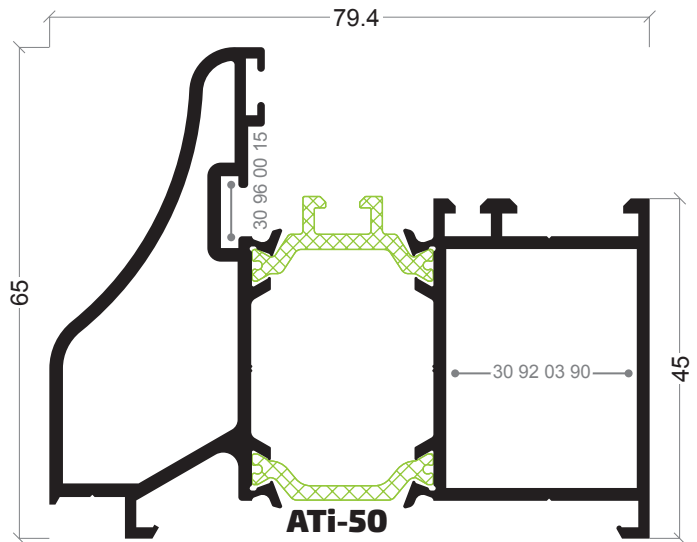
**ATi-49**

Aro fixo tradição  
Marco ventana rústico



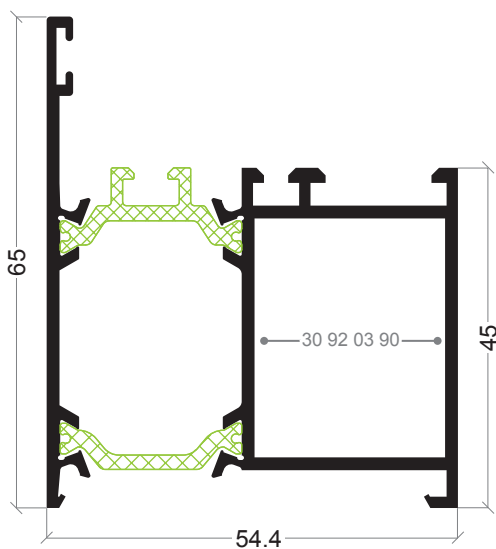
**ATi-81**

Aro fixo  
Marco ventana intermédio



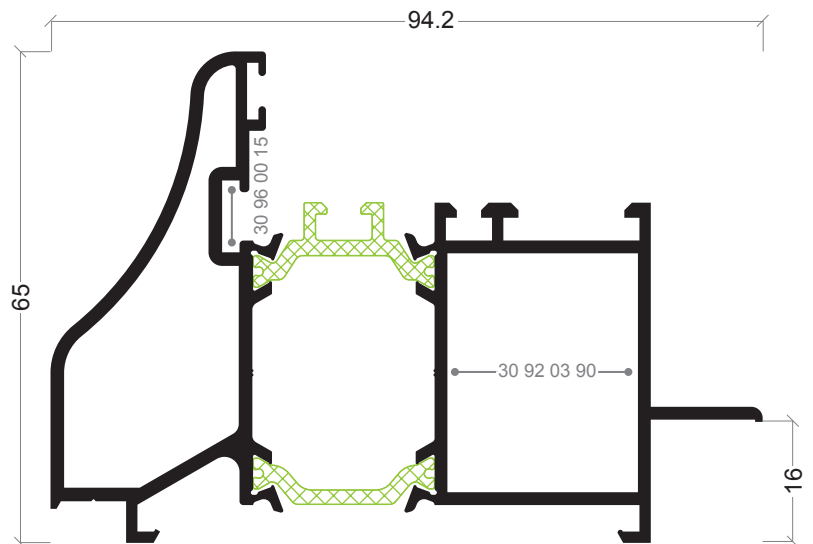
**ATi-50**

Aro fixo tradição  
Marco puerta rústico



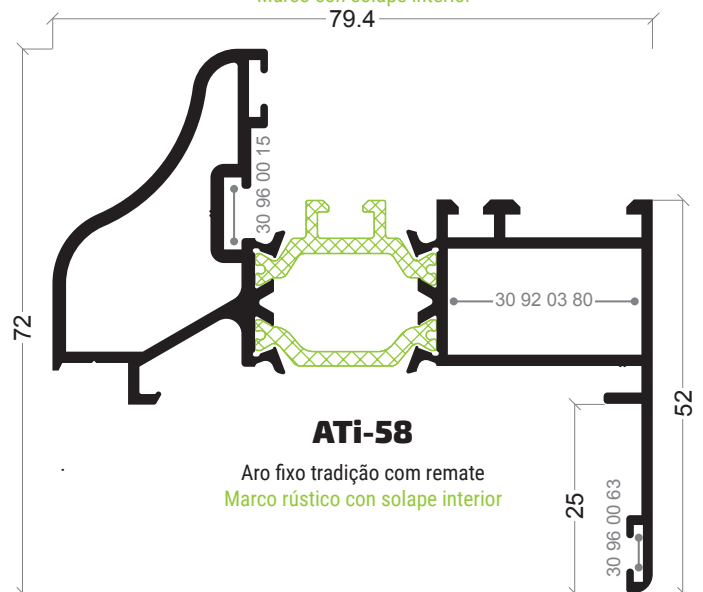
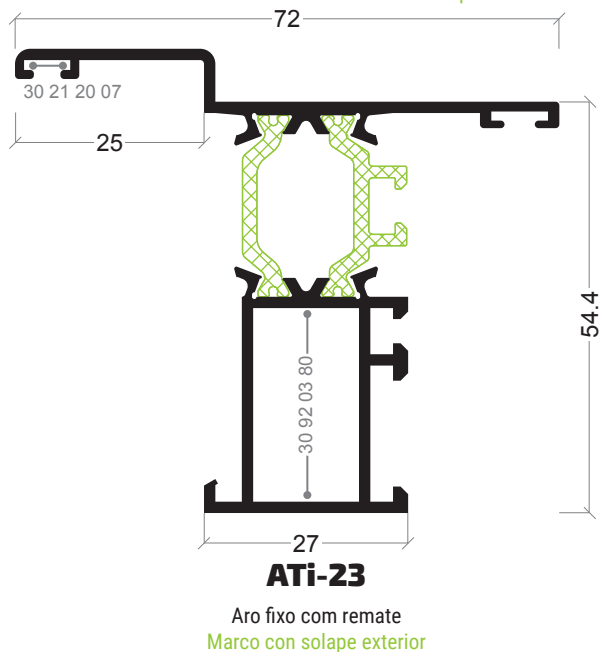
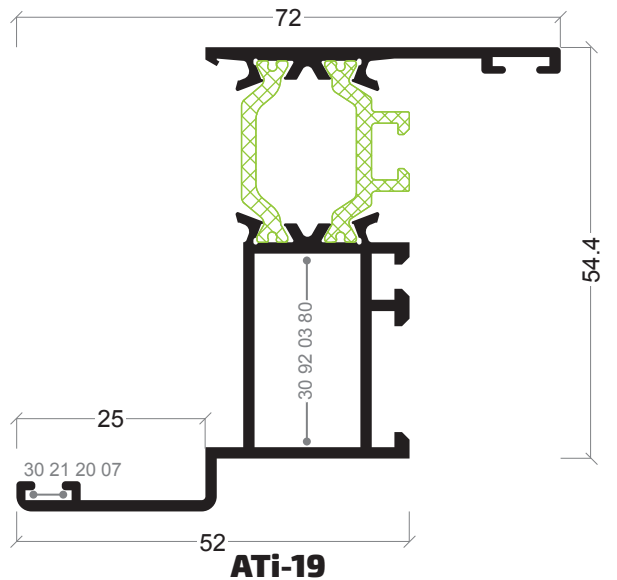
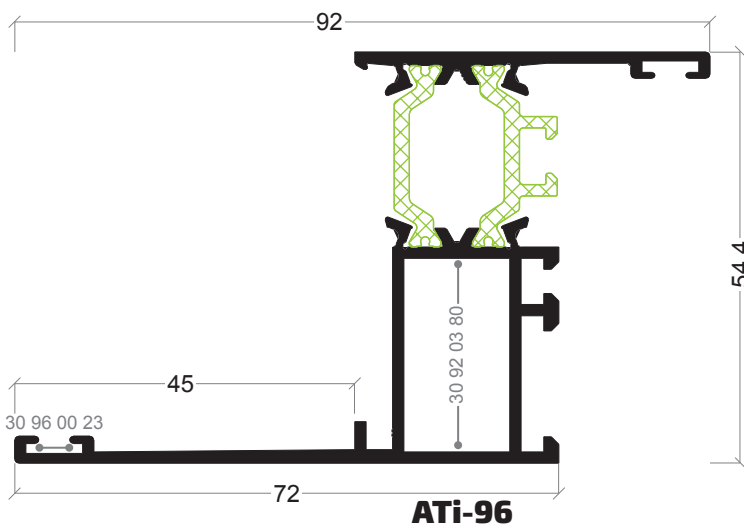
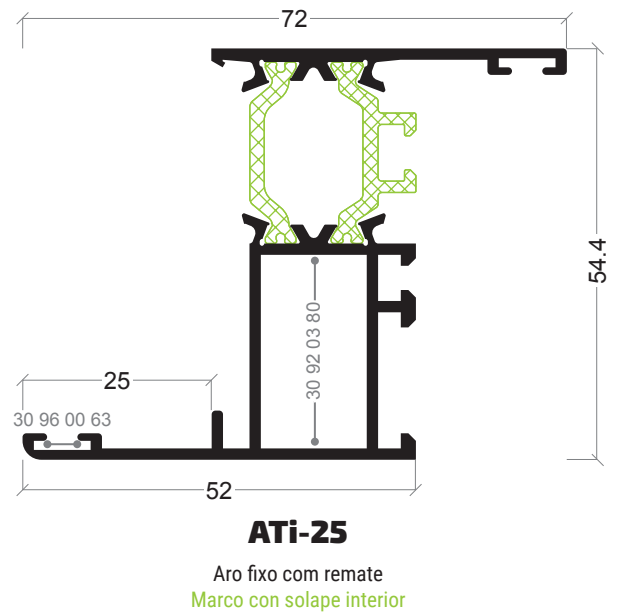
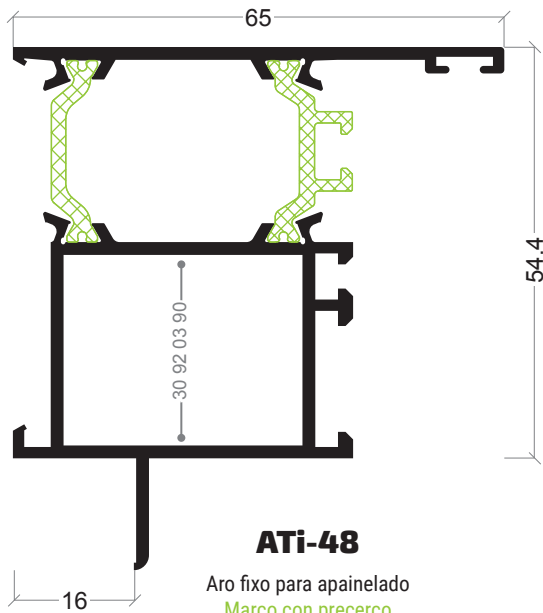
**ATi-08**

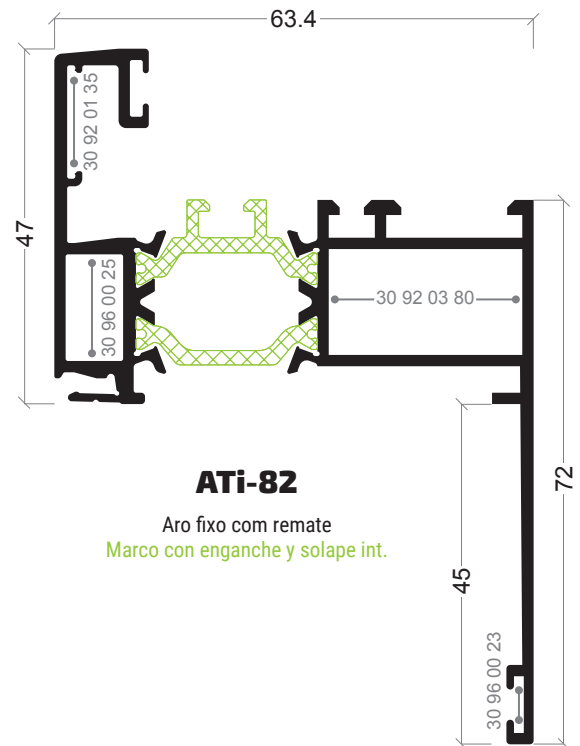
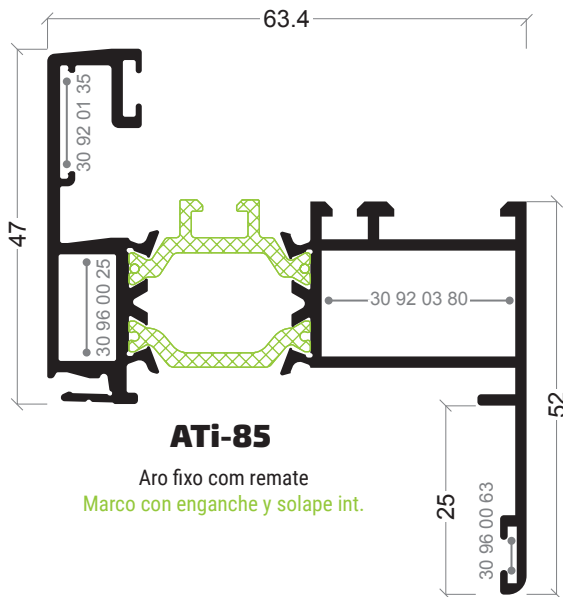
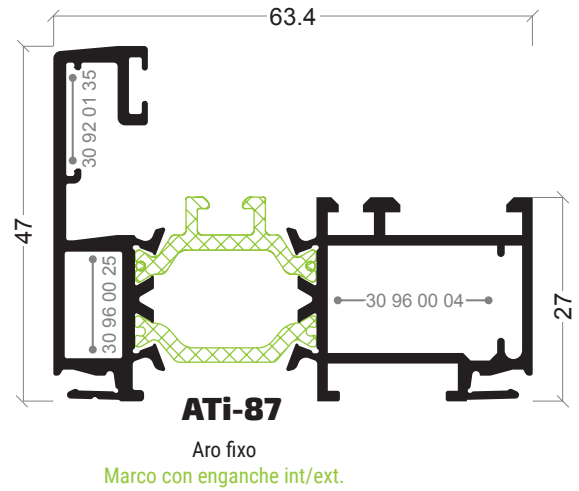
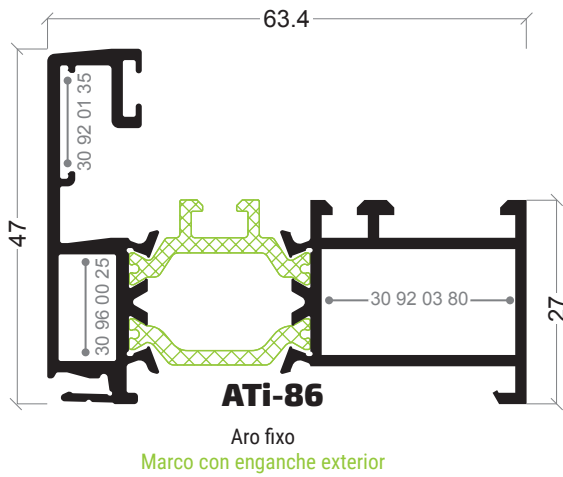
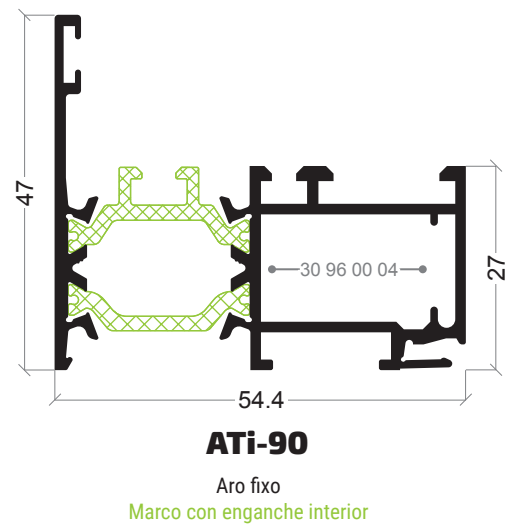
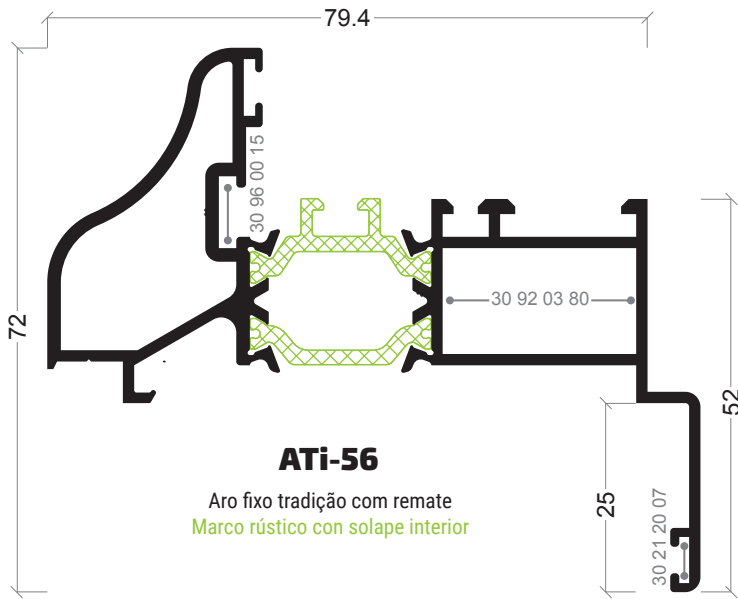
Aro fixo  
Marco puerta

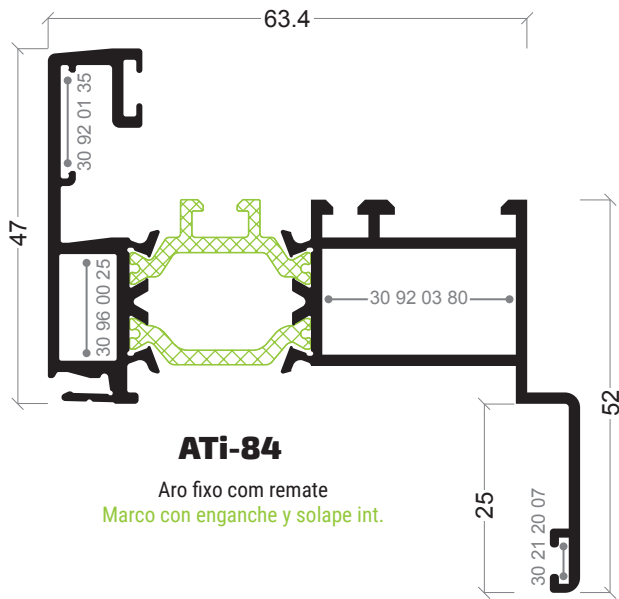


**ATi-51**

Aro fixo tradição para apanelado  
Marco puerta rústico c/ precerco

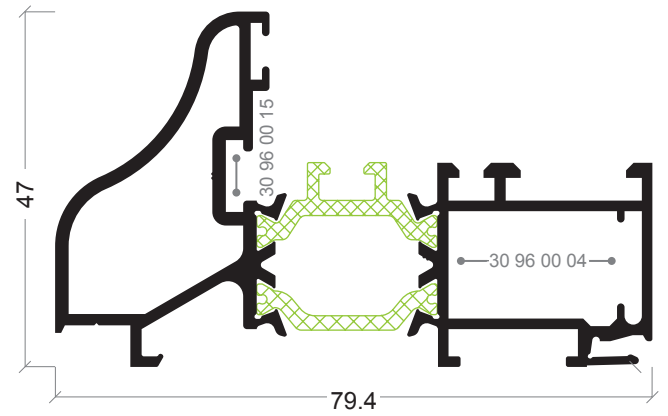






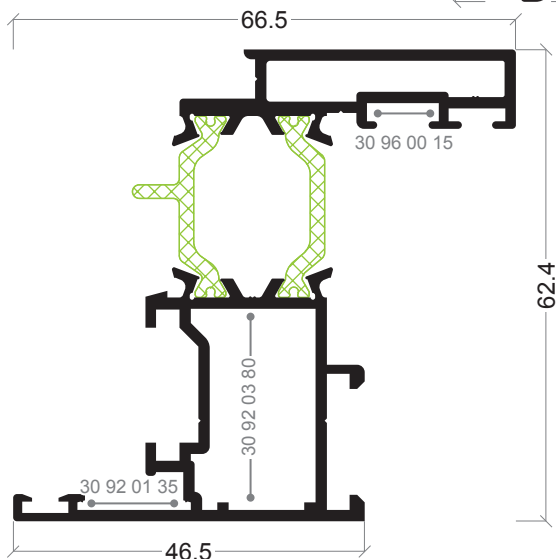
**ATi-84**

Aro fixo com remate  
Marco con enganche y solape int.



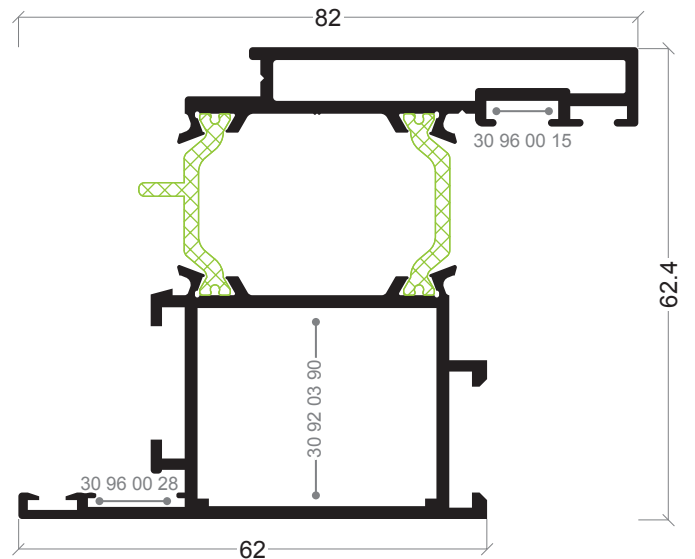
**ATi-92**

Aro fixo tradição  
Marco rustico con enganche int.



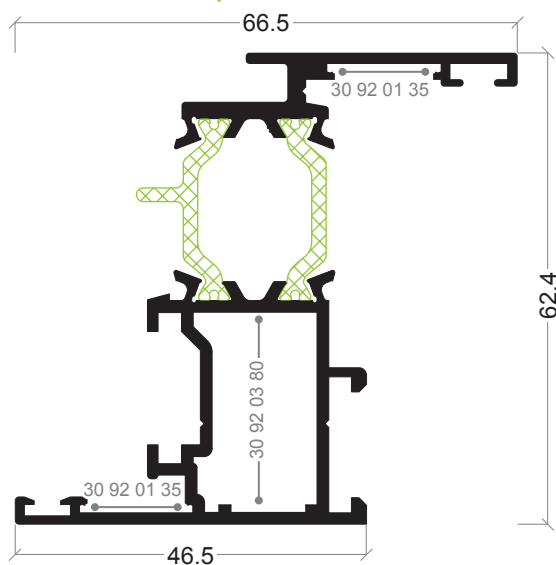
**ATi-64**

Aro móvel  
Hoja ventana



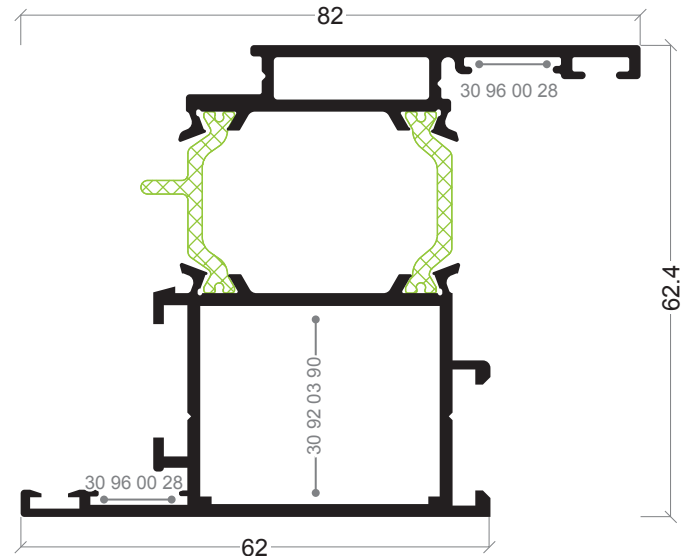
**ATi-65**

Aro móvel  
Hoja puerta



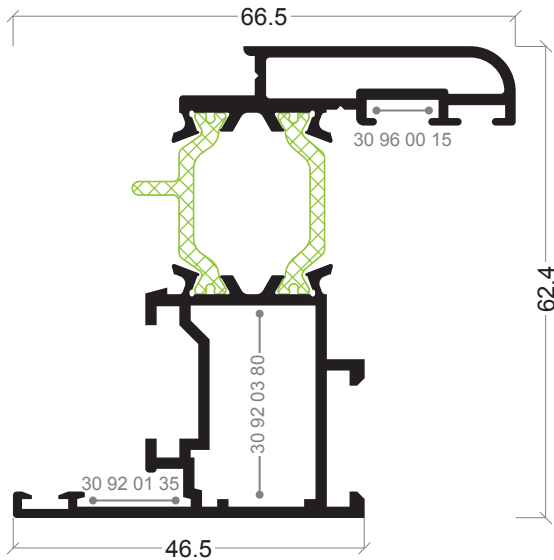
**ATi-02**

Aro móvel  
Hoja ventana



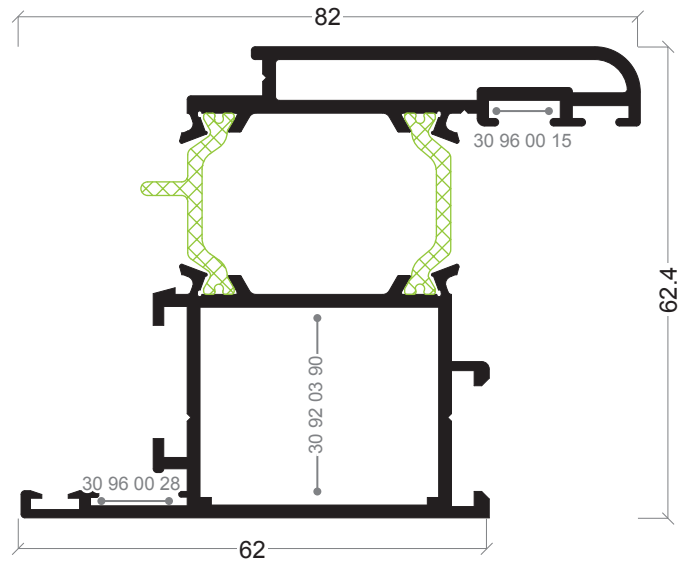
**ATi-07**

Aro móvel  
Hoja puerta



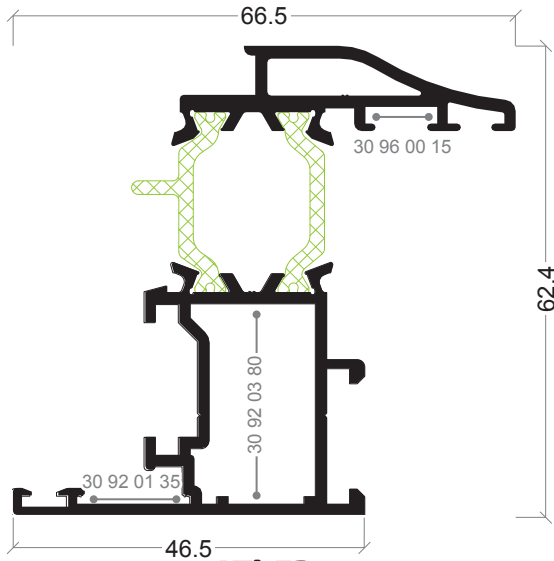
**ATi-05**

Aro móvel  
Hoja ventana



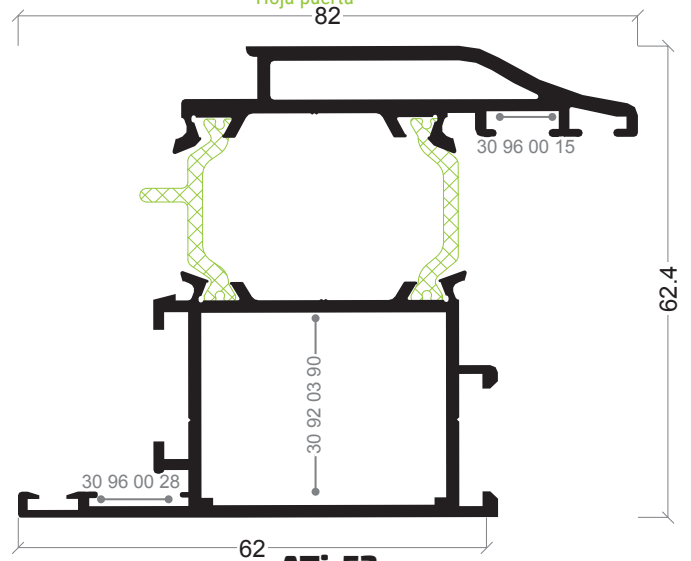
**ATi-10**

Aro móvel  
Hoja puerta



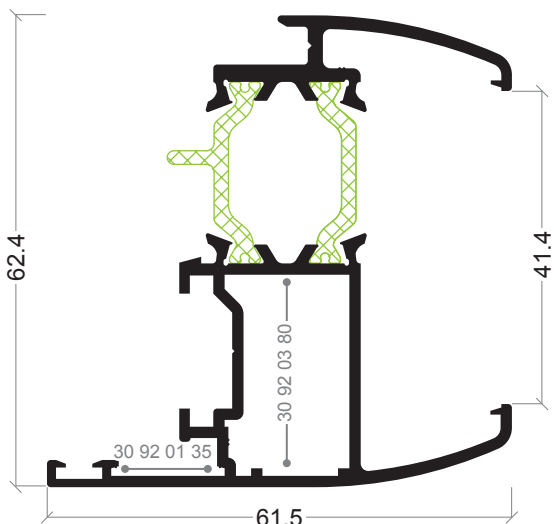
**ATi-52**

Aro móvel tradição  
Hoja ventana rústico



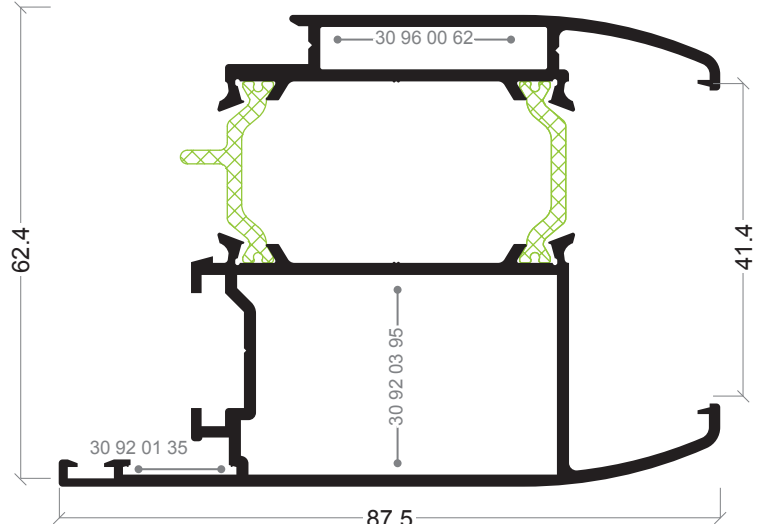
**ATi-53**

Aro móvel tradição  
Hoja puerta rústico



**ATi-76**

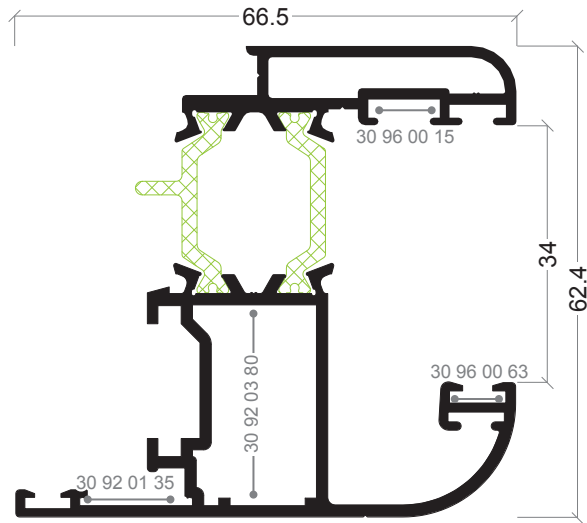
Aro móvel sem bite  
Hoja ventana sin junquillo



**ATi-77**

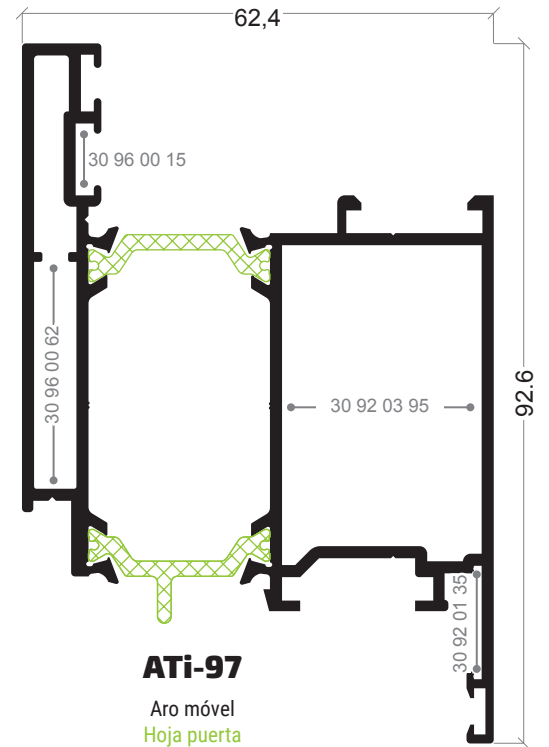
Aro móvel sem bite  
Hoja puerta sin junquillo





**ATi-44**

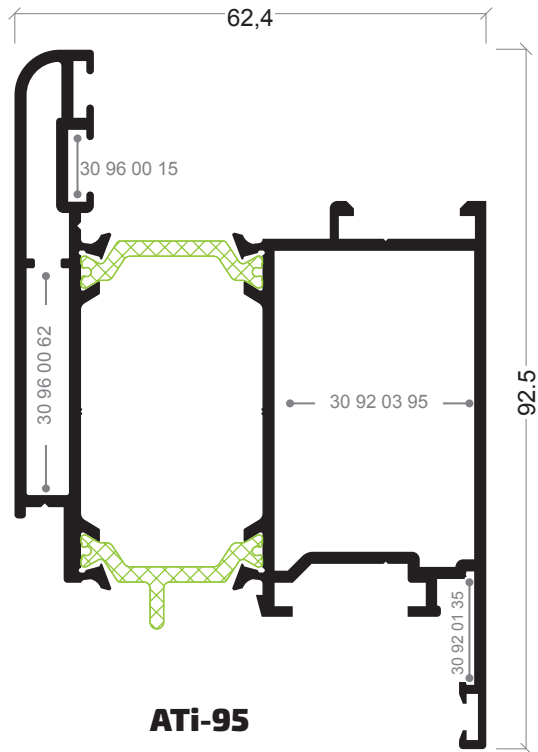
Aro móvil  
Hoja ventana sin junquillo



**ATi-97**

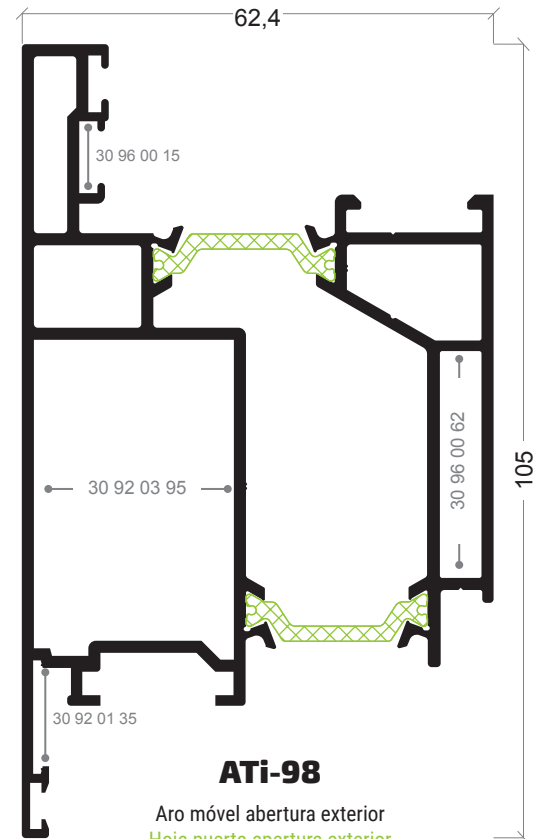
Aro móvil  
Hoja puerta

44



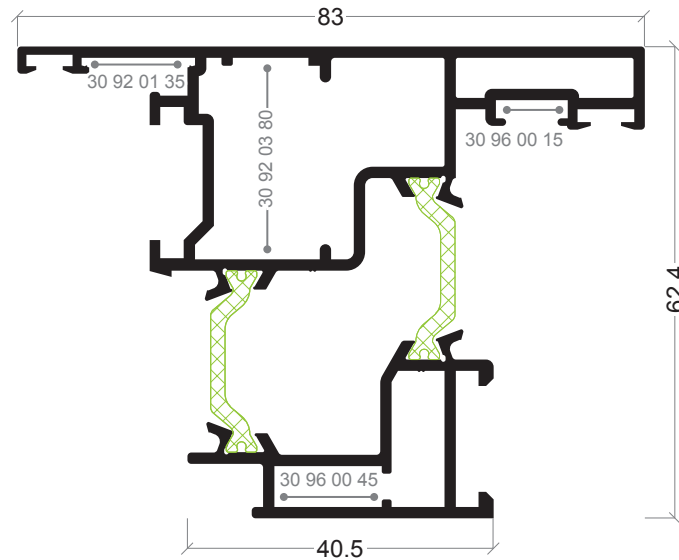
**ATi-95**

Aro móvil  
Hoja puerta



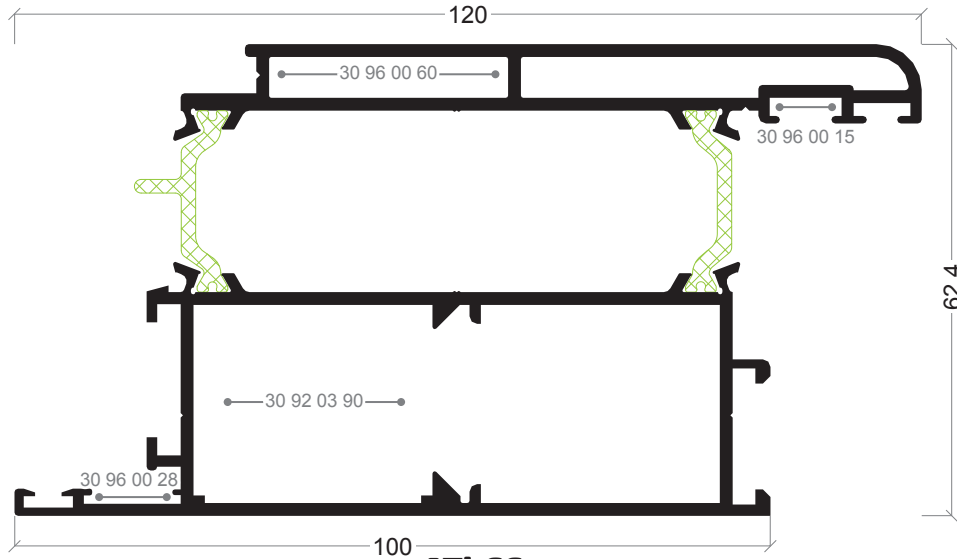
**ATi-98**

Aro móvil abertura exterior  
Hoja puerta apertura exterior



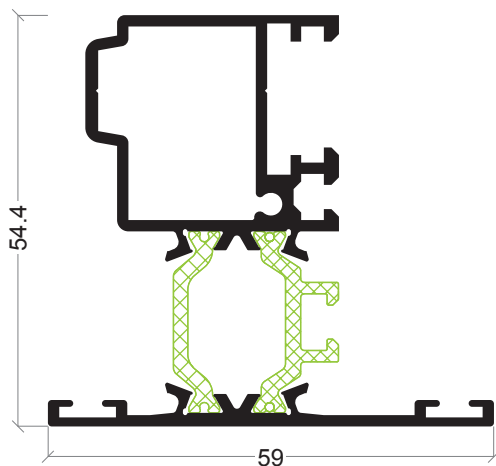
**ATi-60**

Aro móvel abertura exterior  
Marco abertura exterior



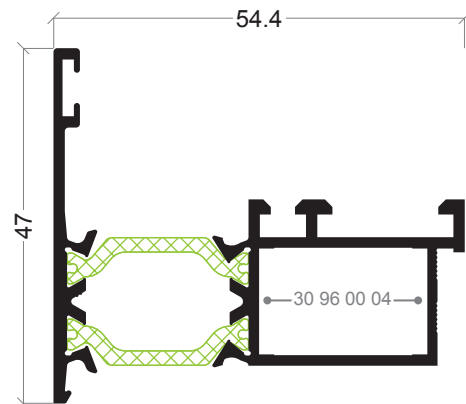
**ATi-66**

Aro móvel  
Hoja puerta



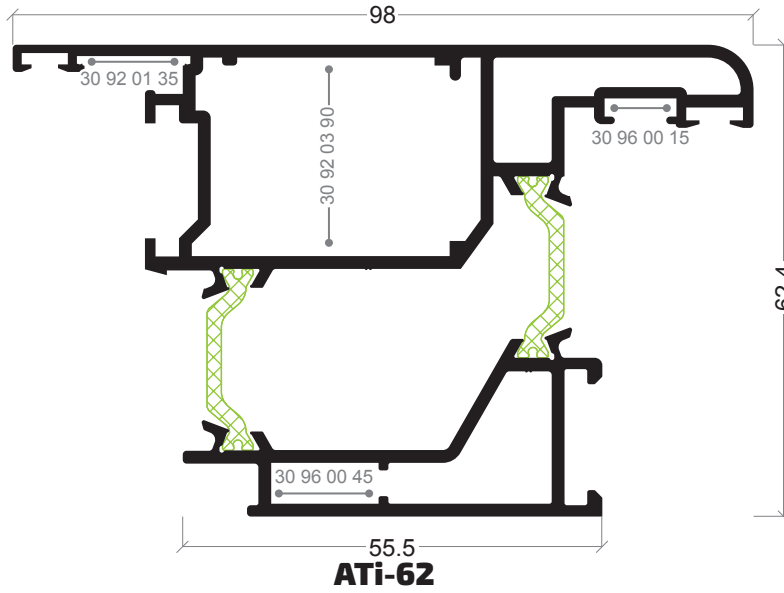
**ATi-04**

Inversor  
Inversor

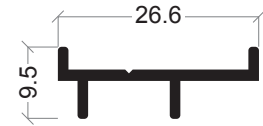


**ATi-75**

Inversor abertura exterior  
Inversor abertura exterior

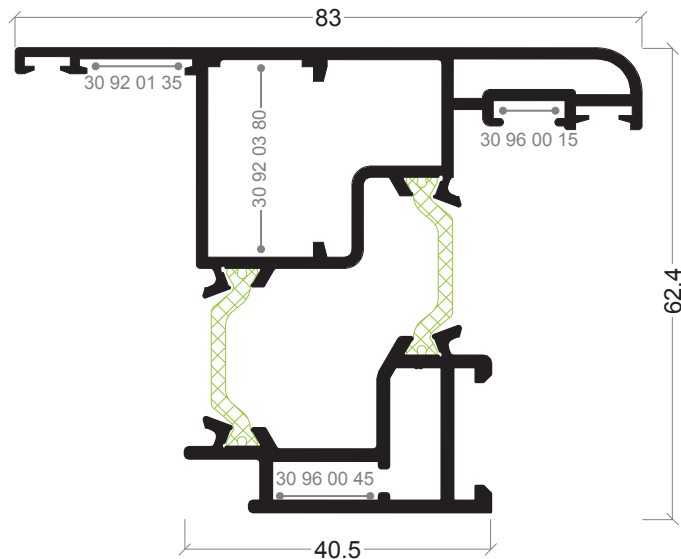


Aro móvil abertura exterior  
Hoja apertura exterior

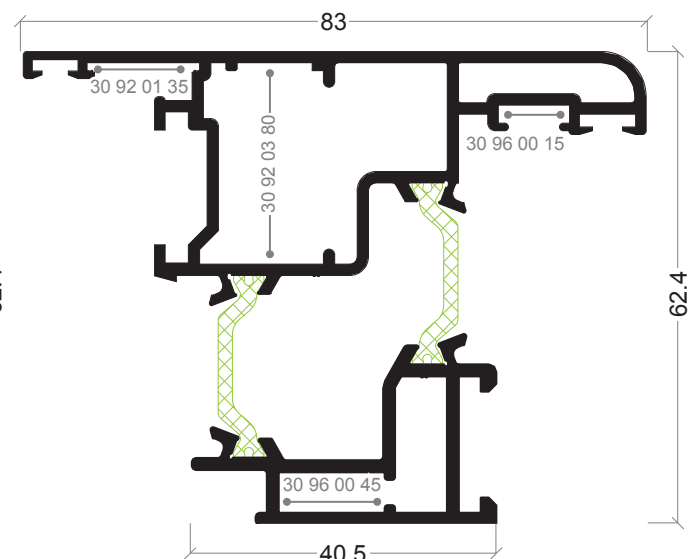


**AXi-32**

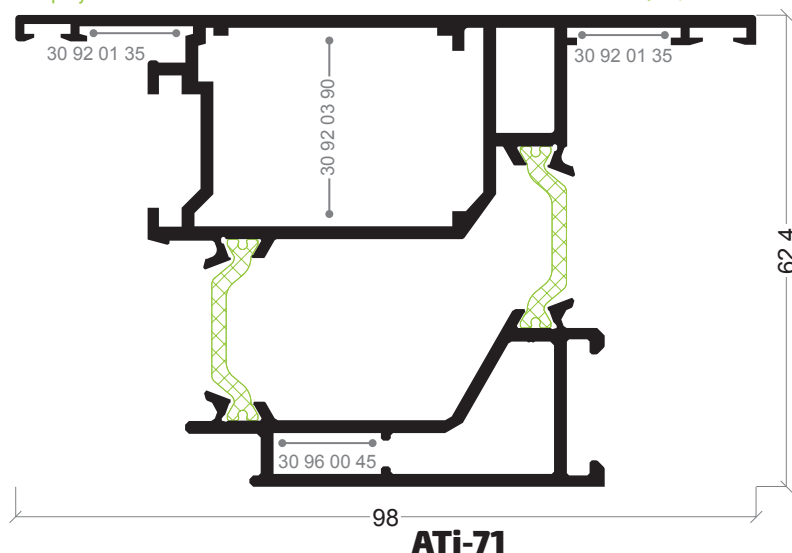
Complemento abertura proyectante  
Complemento apertura proyectante



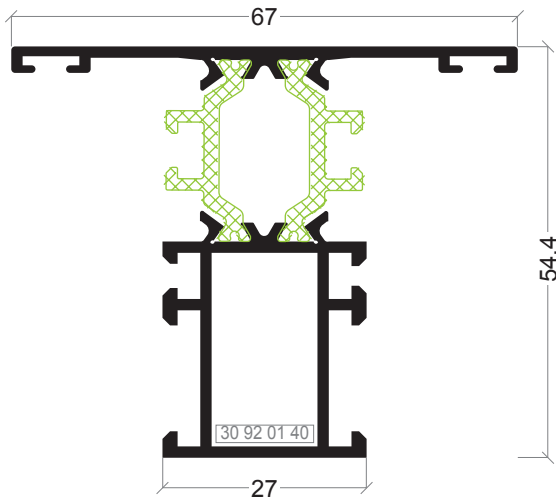
Aro móvil proyectante  
Marco proyectante



Aro móvil abertura exterior  
Hoja apertura exterior

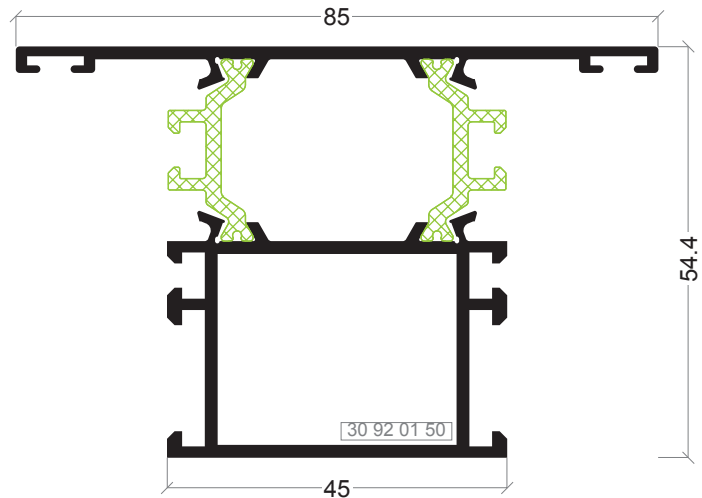


Aro móvil abertura exterior  
Hoja apertura exterior



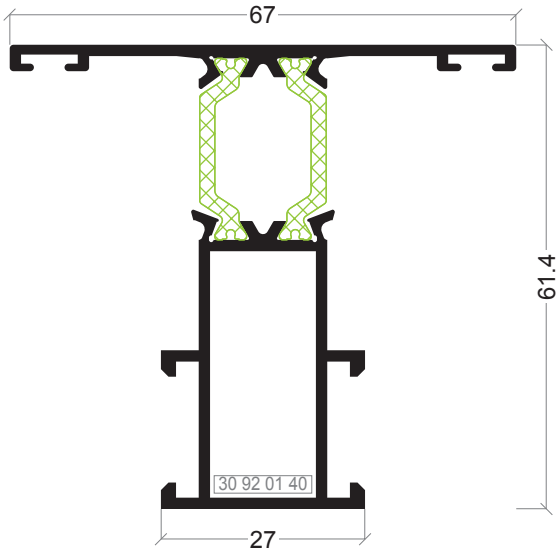
**ATi-01**

Travessa  
Travesaño ventana



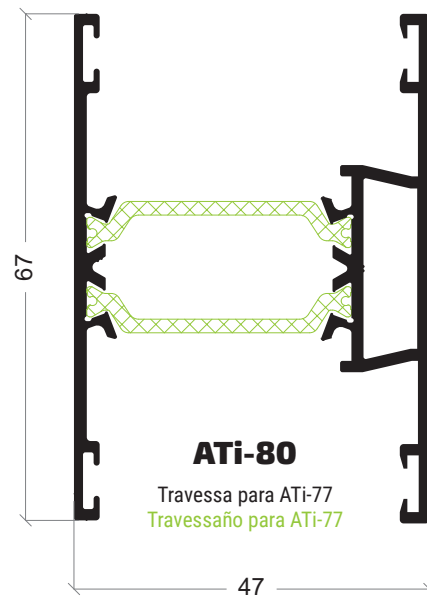
**ATi-06**

Travessa  
Travesaño puerta



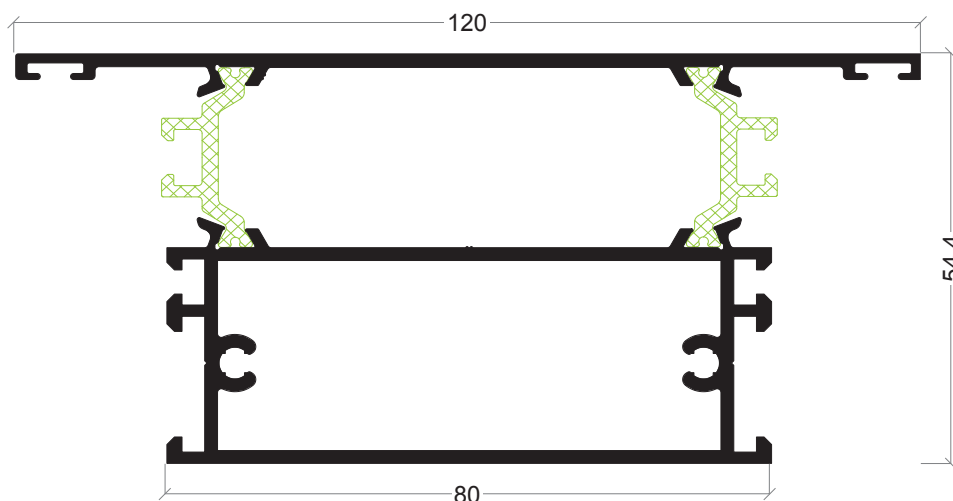
**ATi-09**

Travessa  
Travesaño ventana



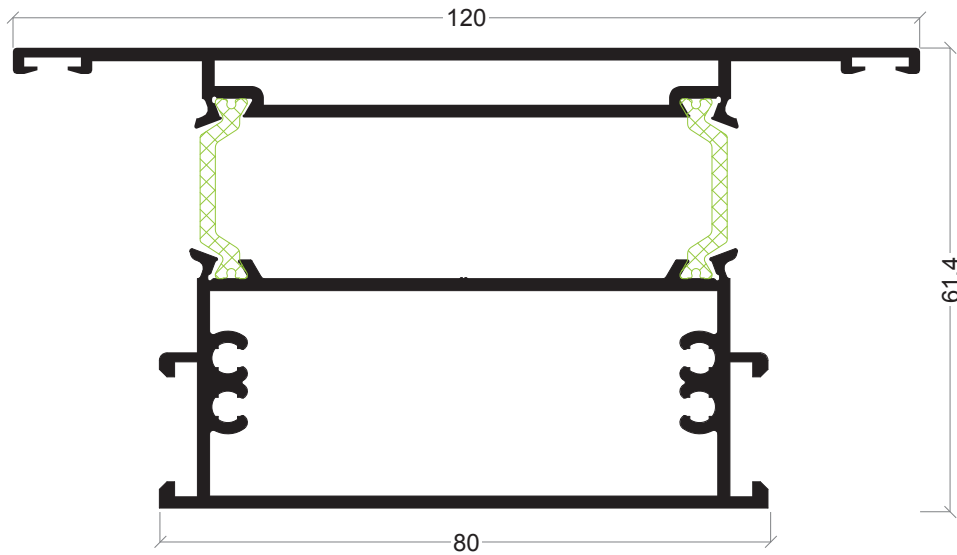
**ATi-80**

Travessa para ATi-77  
Travesaño para ATi-77



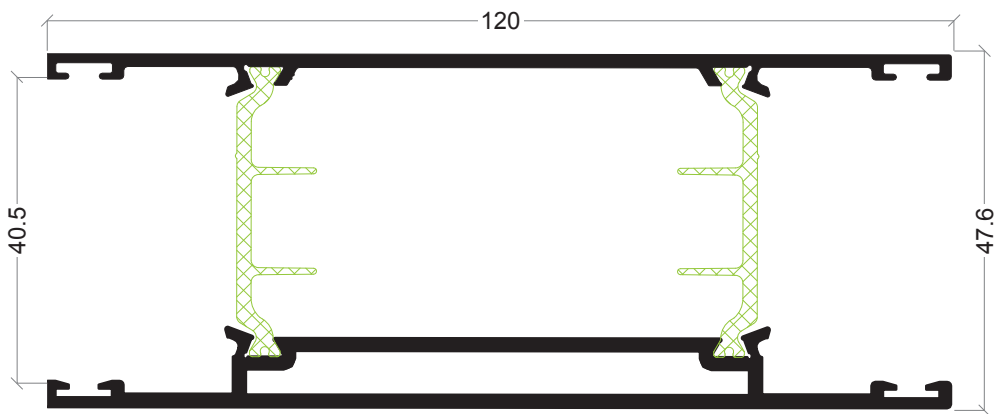
**ATi-12**

Travessa  
Zócalo 120x55mm



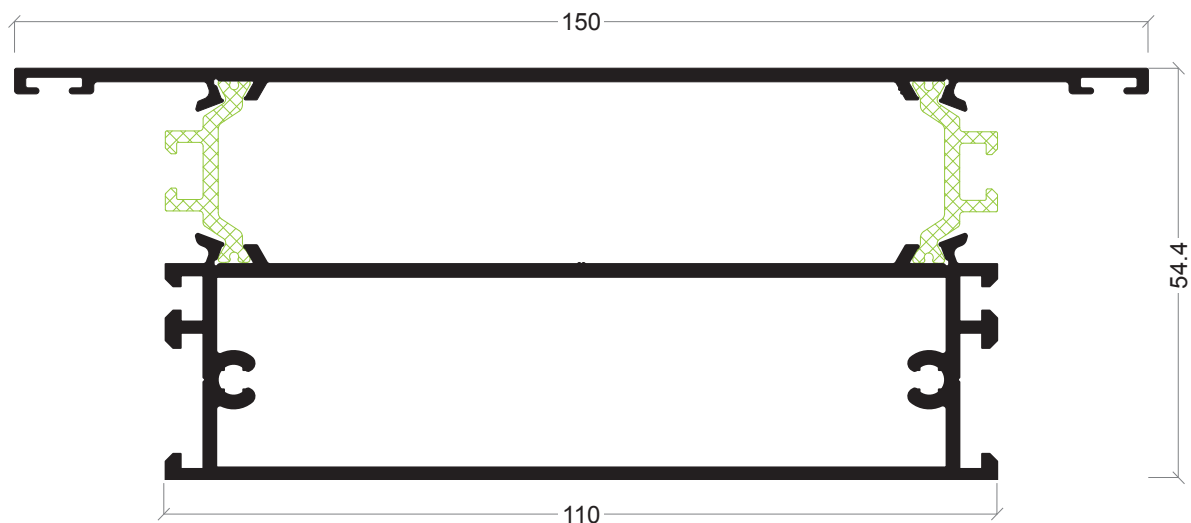
**ATi-14**

Travessa  
Zócalo 120x62mm



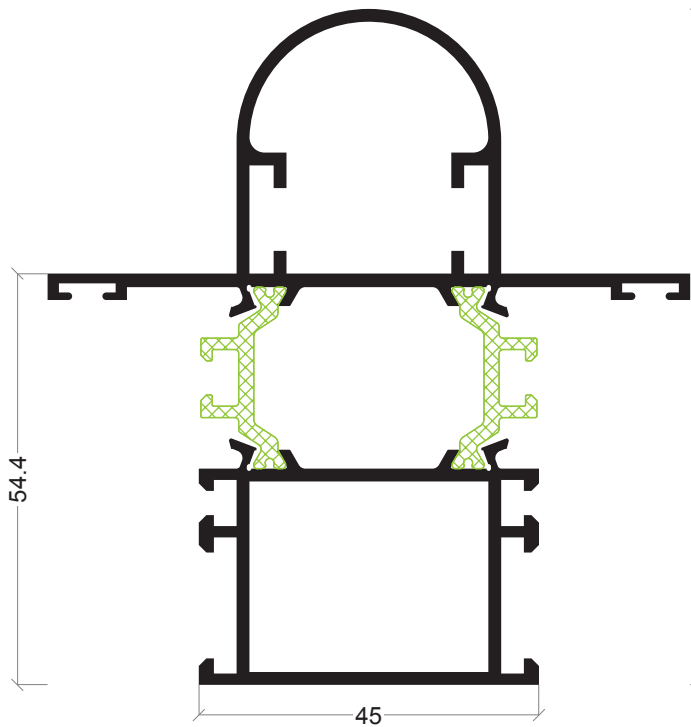
**ATi-79**

Travessa  
Travesaño para ATi-77

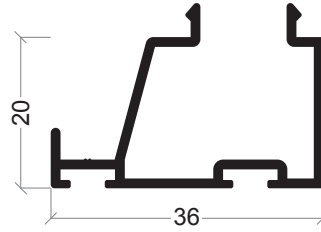


**ATi-13**

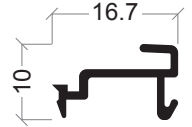
Travessa  
Zócalo 150x55mm



**ATi-17**  
Montante curvo  
Rigidizador 90mm curvo



**AX-15**  
Bite remate  
Junquillo acople



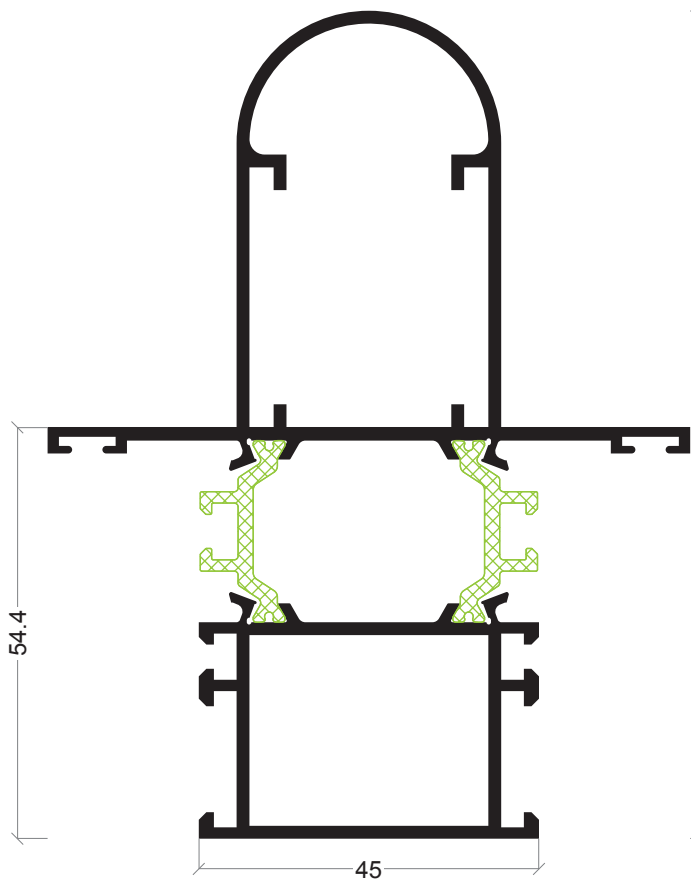
**AX-33**  
Mola bite  
Grapa junquillo



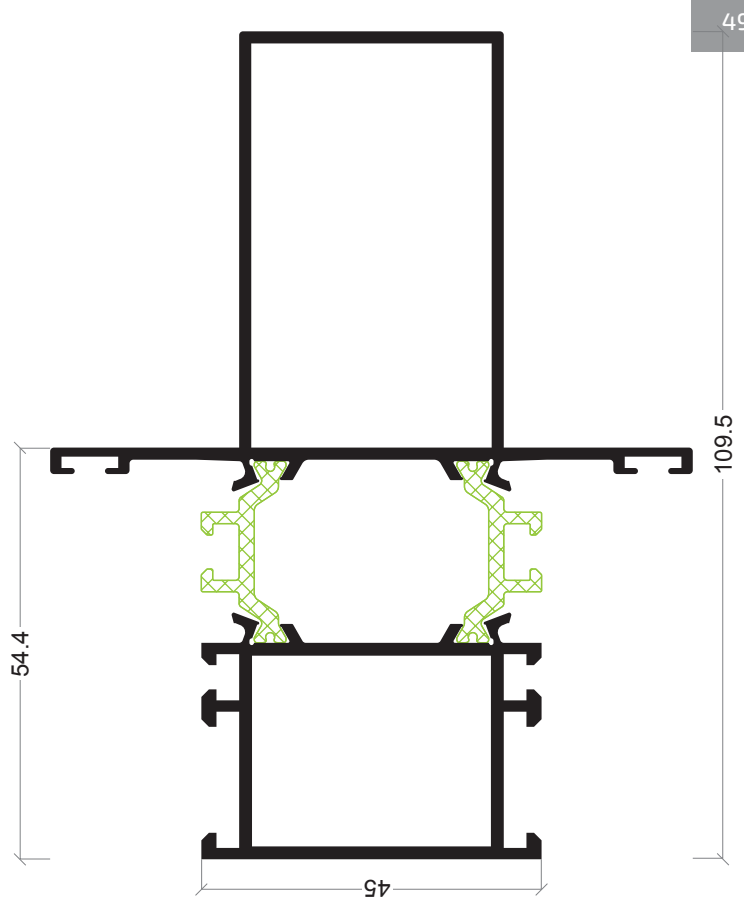
**AX-19**  
Vareta  
Pletina falleba



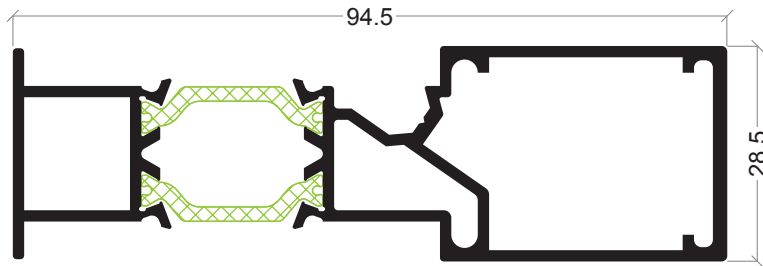
**CT-94**  
Perfil de união  
Perfil de unión



**ATi-18**  
Montante curvo  
Rigidizador 110mm curvo

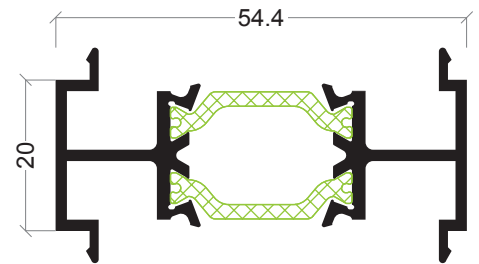


**ATi-78**  
Montante recto  
Rigidizador 110mm recto



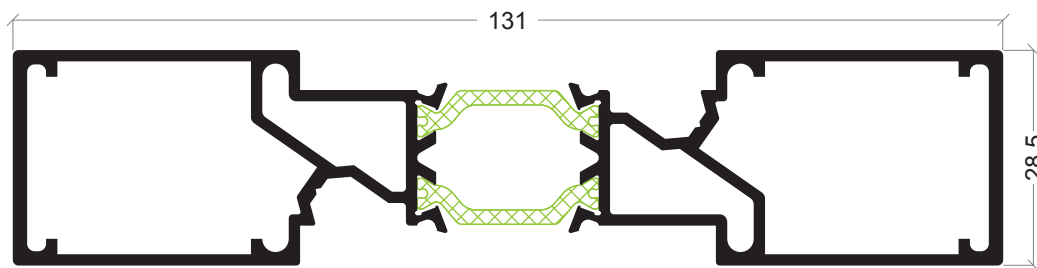
**ATi-67**

União de aros com reforço  
Unión de marcos con refuerzo



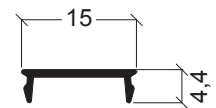
**ATi-15**

União de aros  
Unión de marcos



**ATi-68**

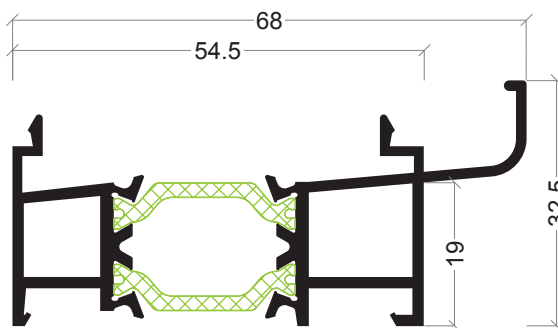
União de aros com reforço  
Unión de marcos con doble refuerzo



**KL-04**

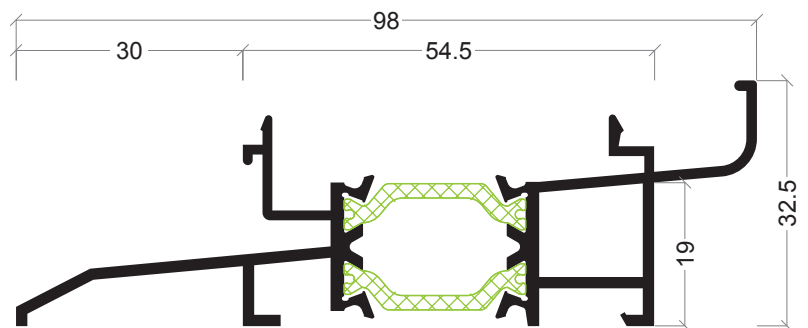
Tampa  
Tope

50



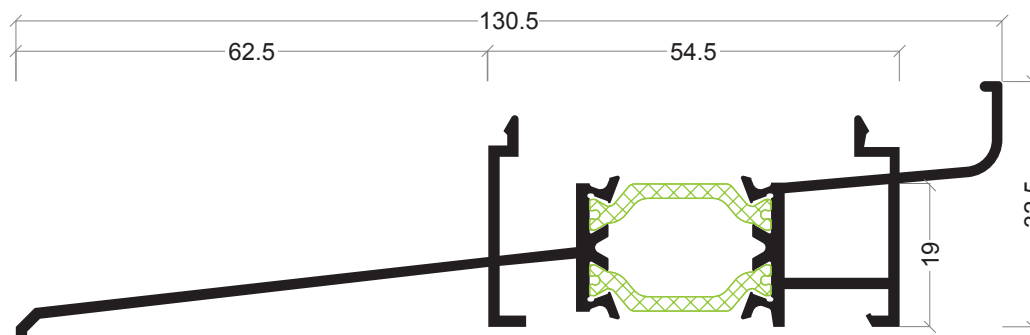
**ATi-57**

Soleira condensação  
Condensación con alargadera



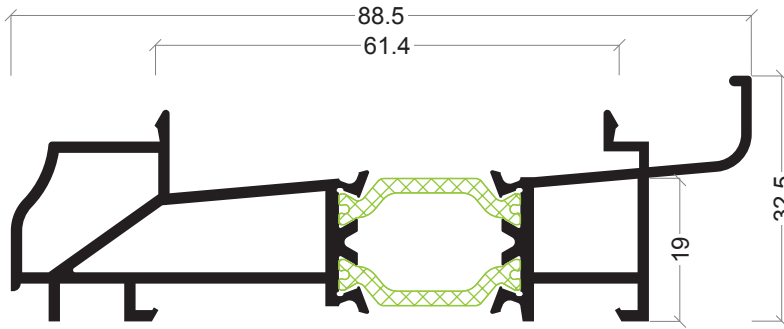
**ATi-29**

Soleira condensação  
Condensación con alargadera



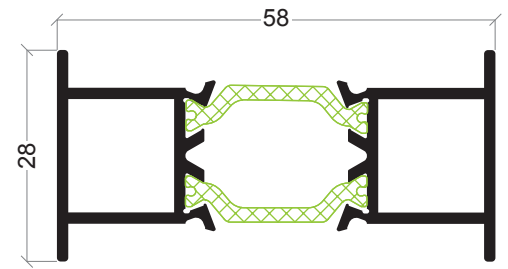
**ATi-30**

Soleira condensação  
Condensación con alargadera



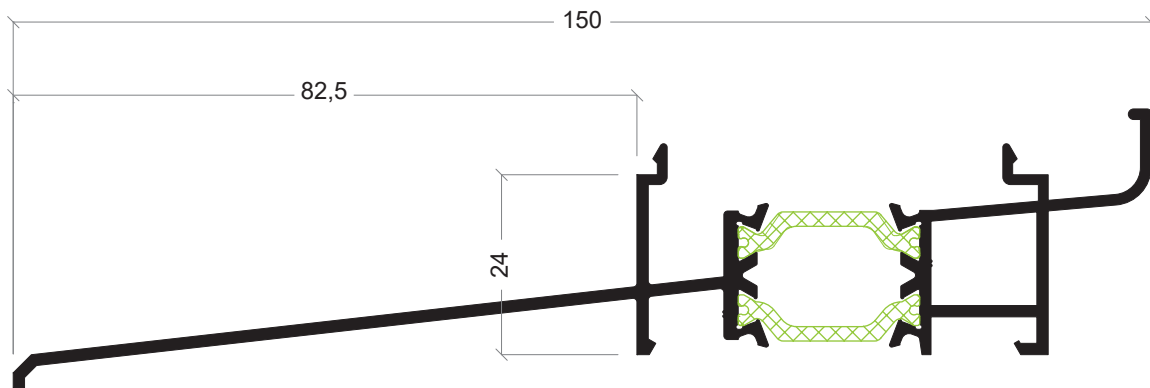
**ATi-55**

Soleira condensação  
Condensación rústica



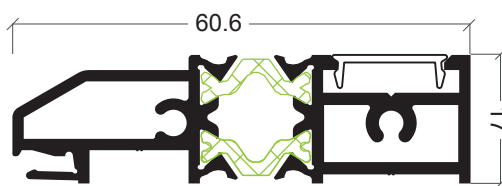
**ATi-54**

União de aros  
Unión de marcos



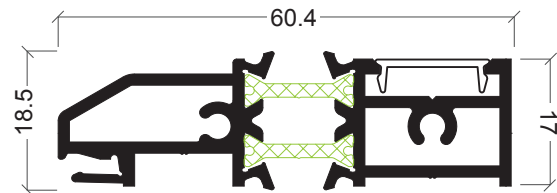
**ATi-28**

Soleira condensação  
Condensación con alargadera



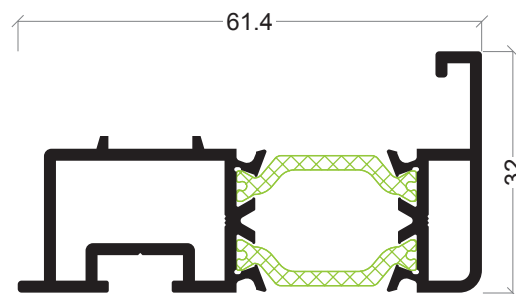
**ARi-99**

Soleira  
Acople inferior



**ARi-96**

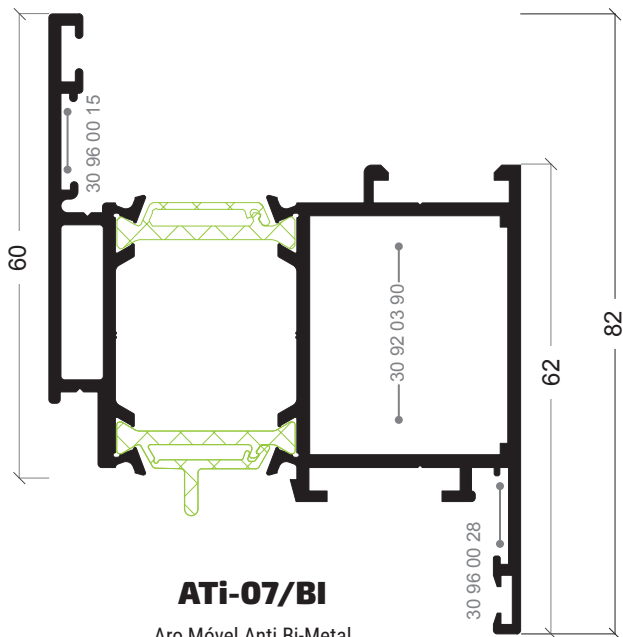
Soleira  
Acople inferior



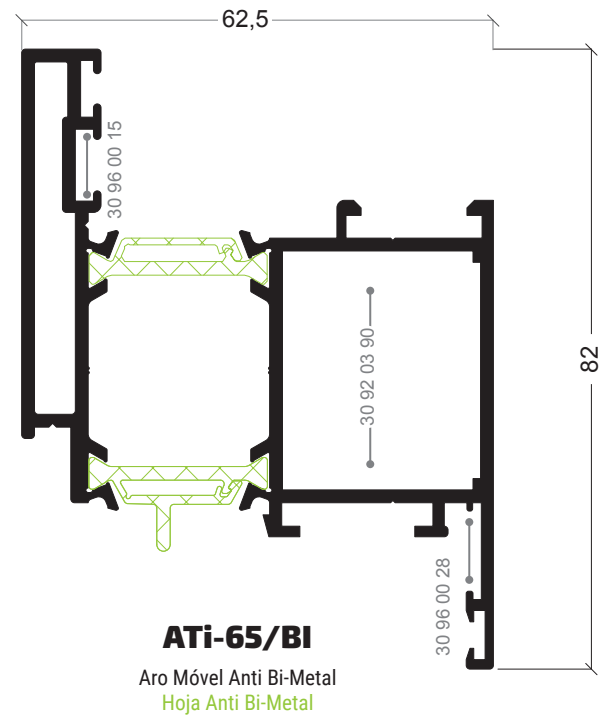
**ATi-42**

Remate almofada  
Acople de hoja p/ zocalo inferior

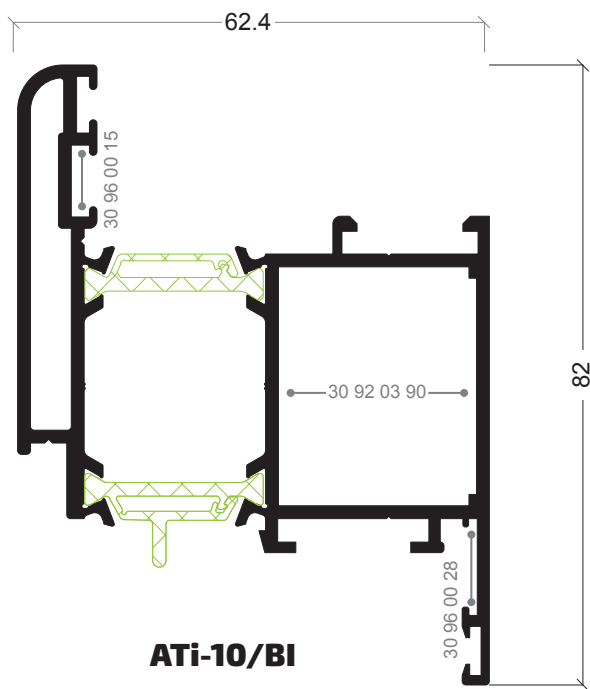




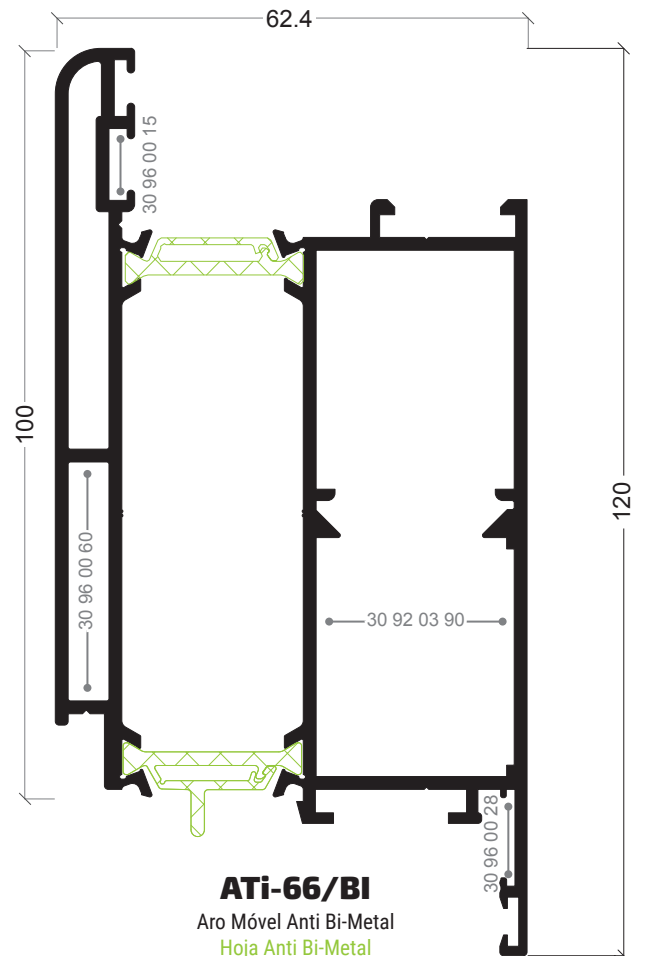
**ATi-07/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Ant Bi-Metal



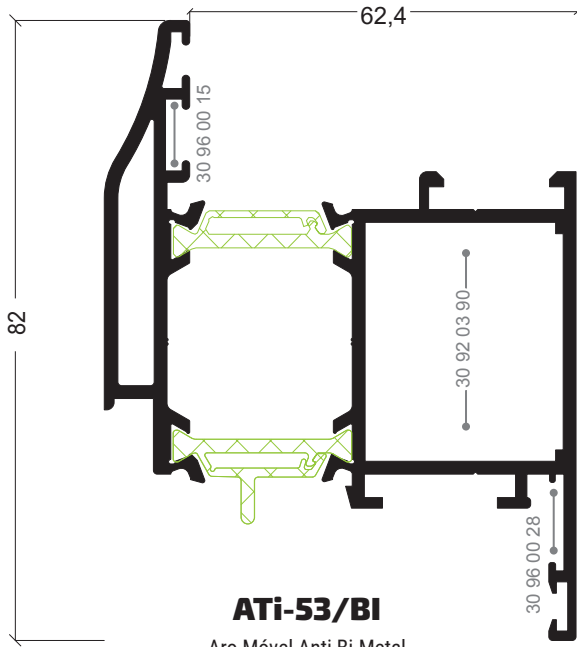
**ATi-65/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal



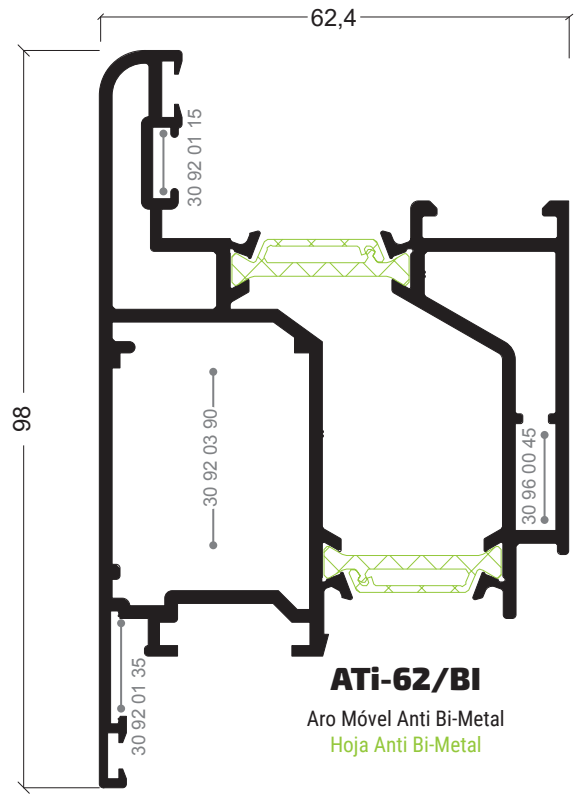
**ATi-10/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal



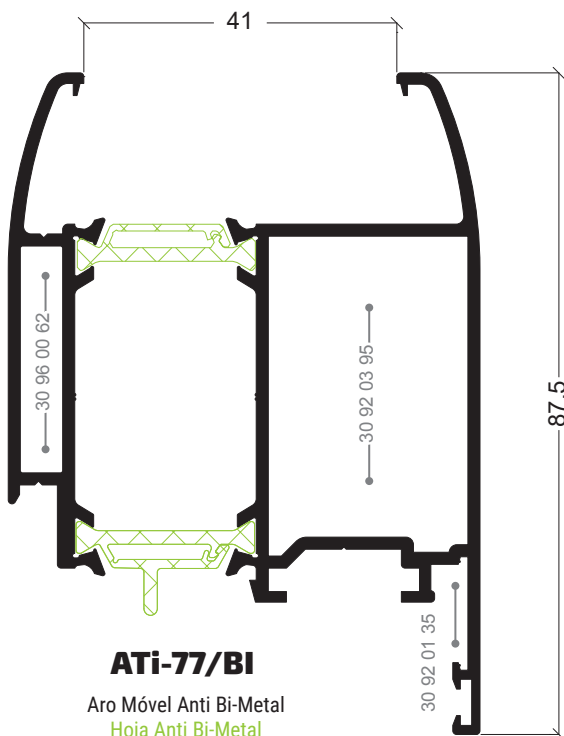
**ATi-66/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal



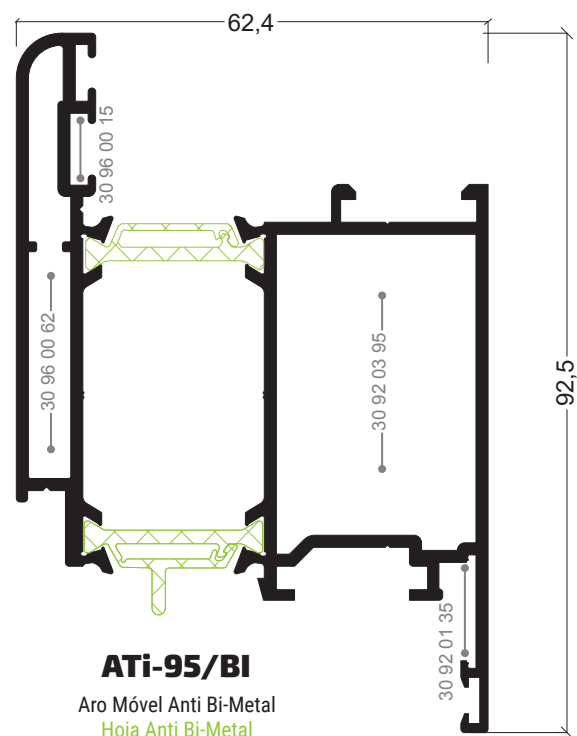
**ATi-53/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal



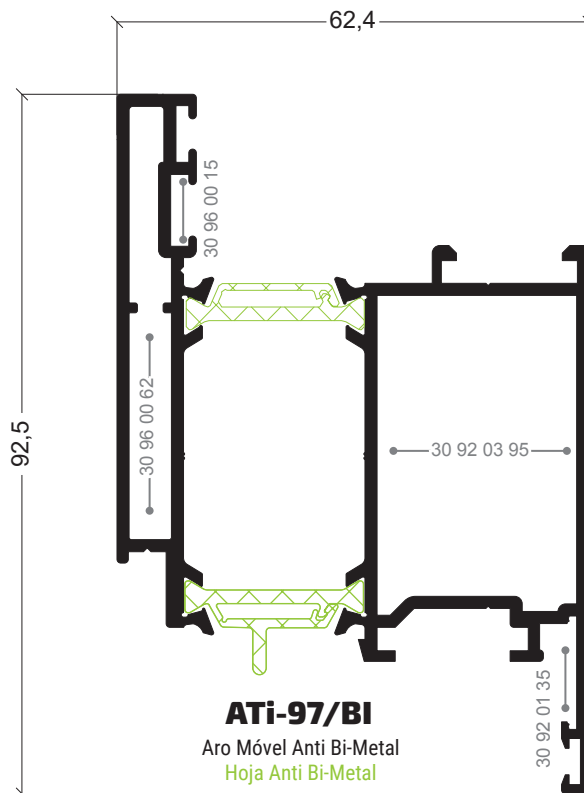
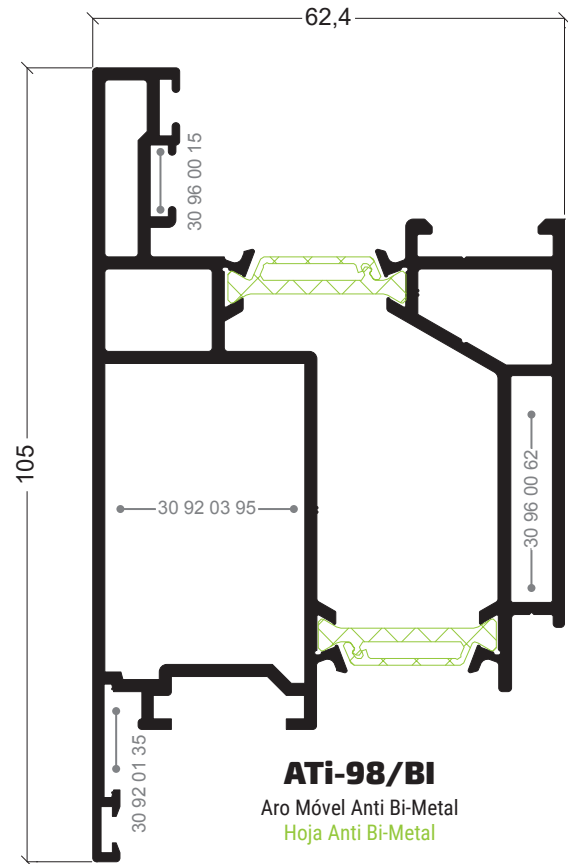
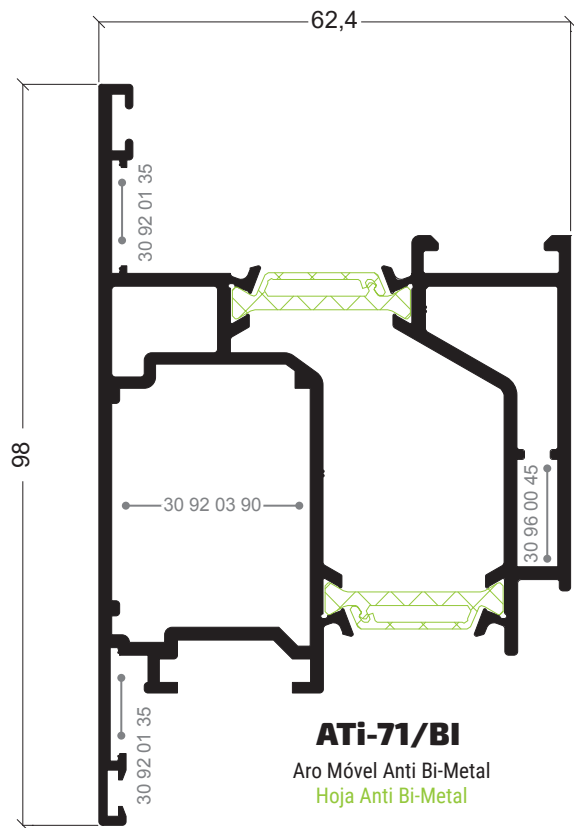
**ATi-62/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal

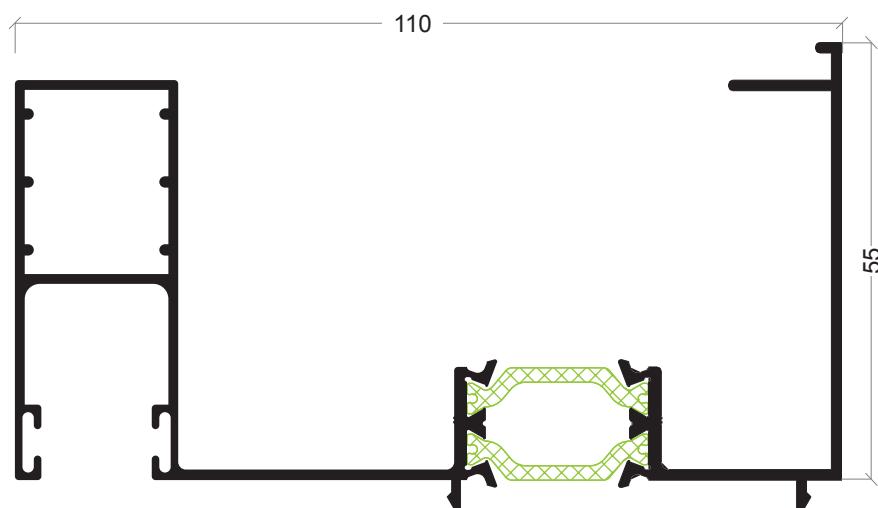


**ATi-77/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal



**ATi-95/BI**  
Aro Móvel Anti Bi-Metal  
Hoja Anti Bi-Metal

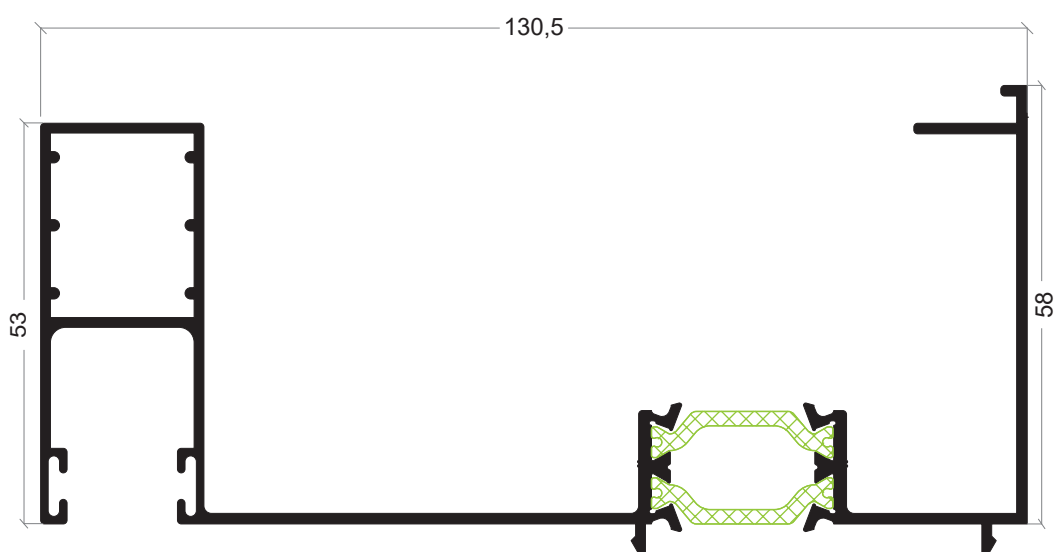




**ATi-93**

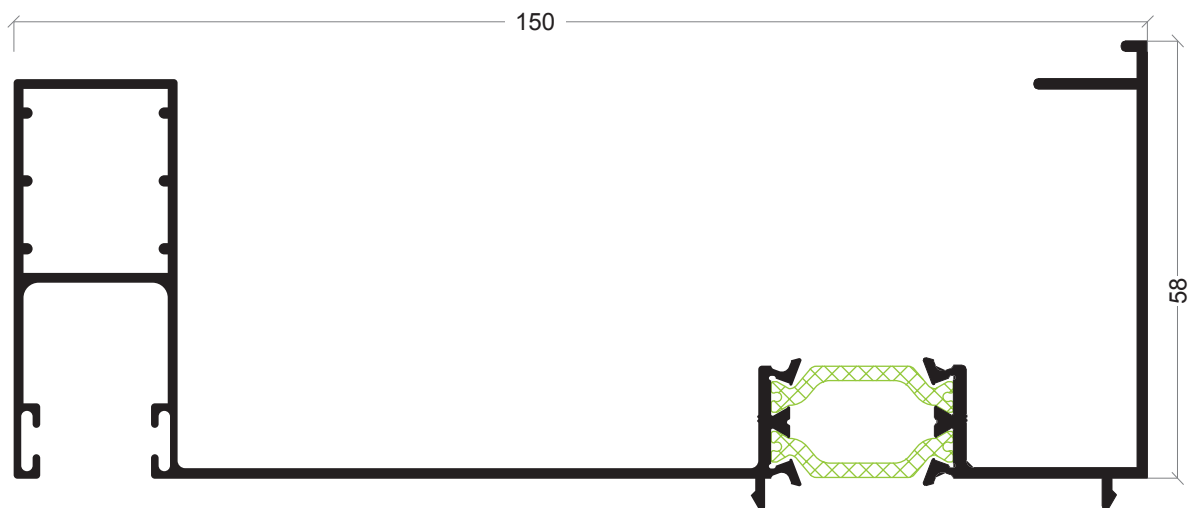
Pré-aro com calha estore  
Guia de persiana

55



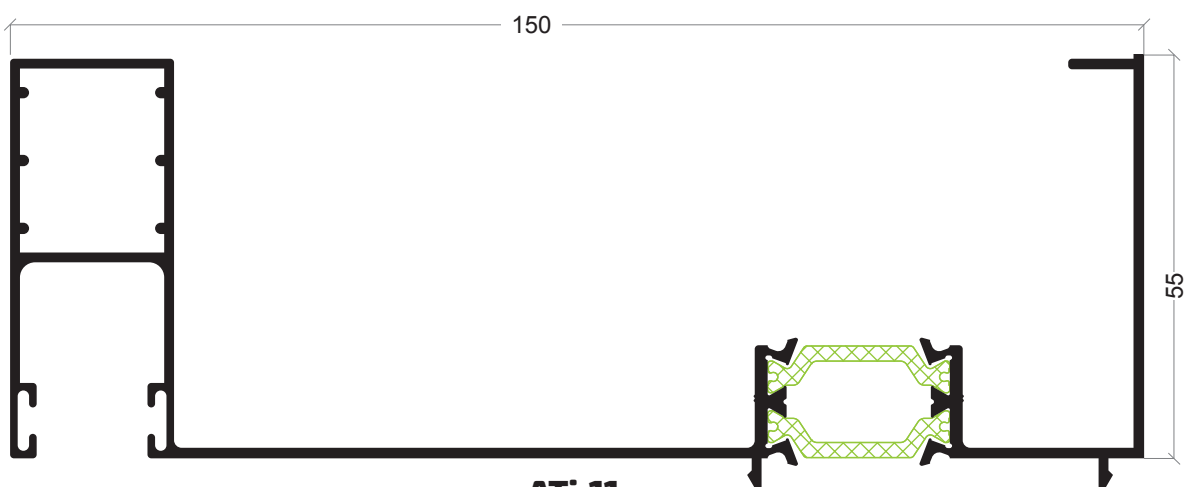
**ATi-100**

Pré-aro com calha estore  
Guia de persiana



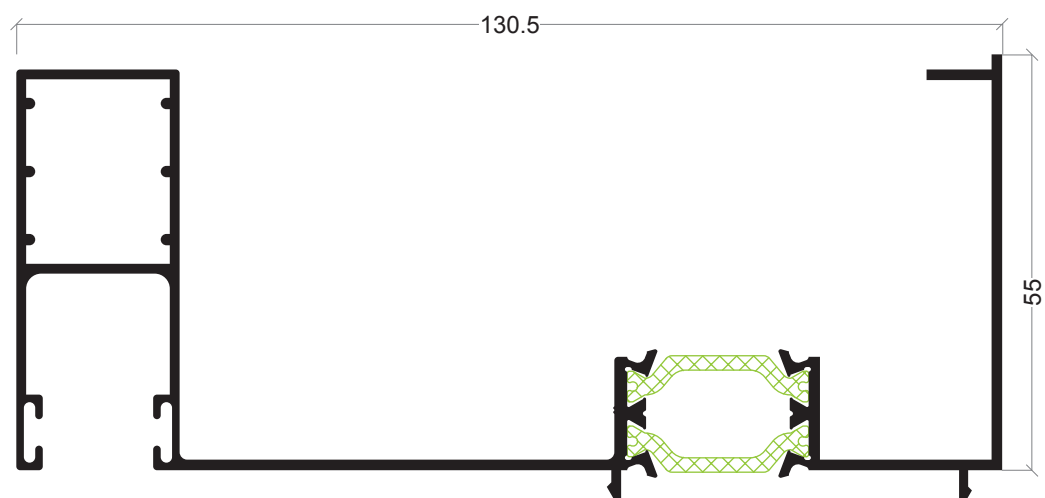
**ATi-94**

Pré-aro com calha estore  
Guia de persiana



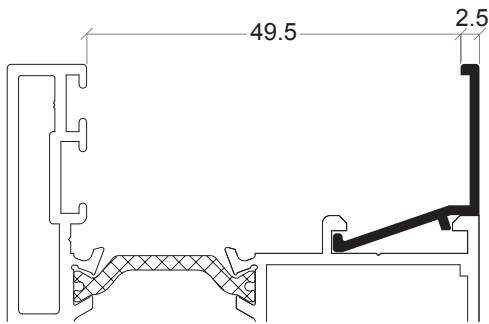
**ATi-11**

Pré-aro com calha estore  
Guia de persiana

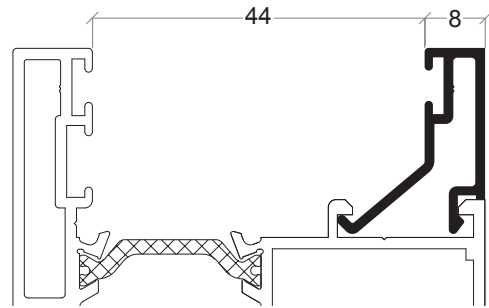


**ATi-99**

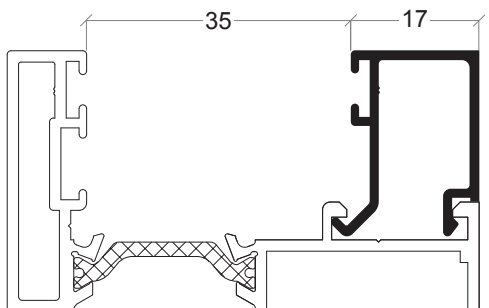
Pré-aro com calha estore  
Guia de persiana



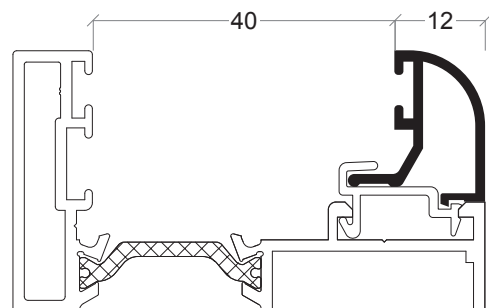
**AX-69**



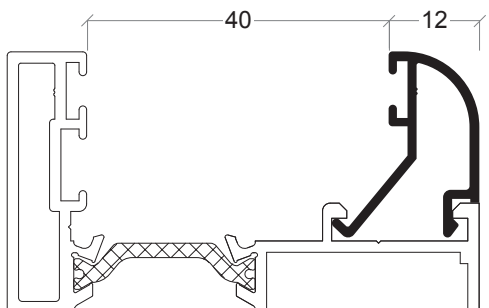
**AX-74**



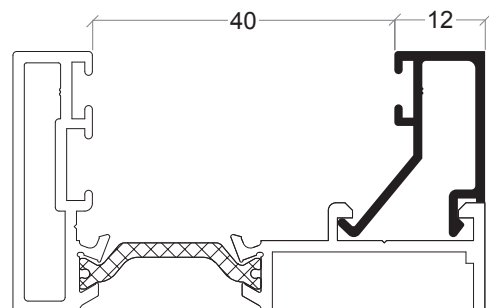
**AX-46**



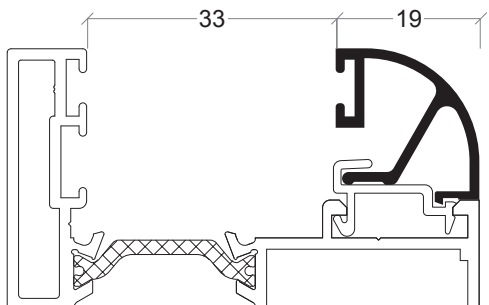
**AX-37**



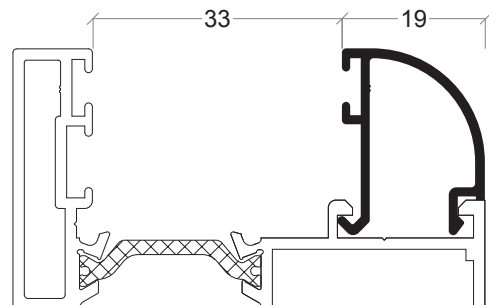
**AZ-08**



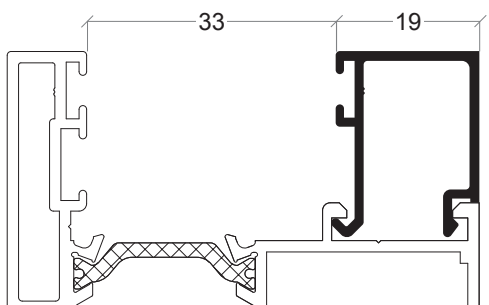
**AX-36**



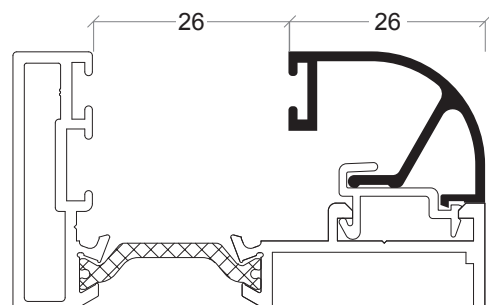
**AX-30**



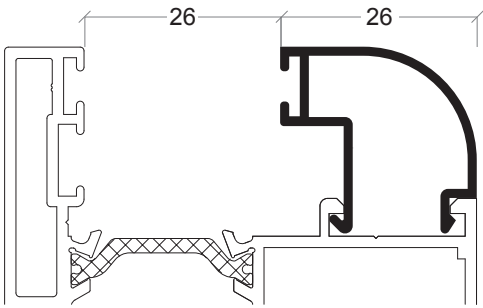
**AZ-07**



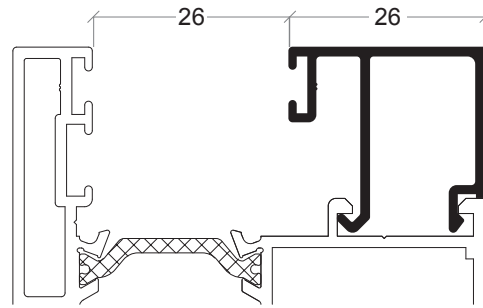
**AX-35**



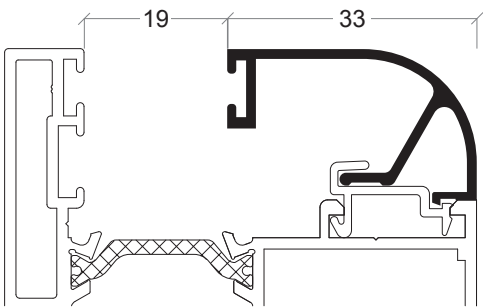
**AX-29**



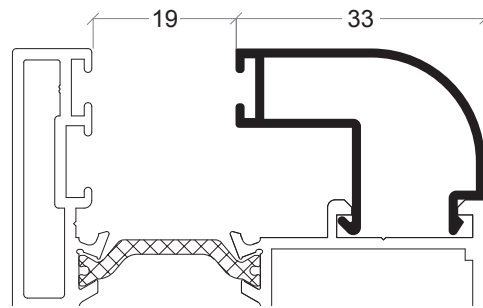
**AZ-06**



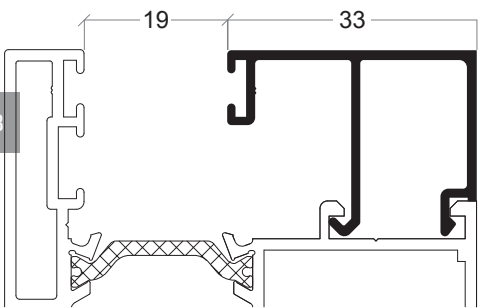
**AX-31**



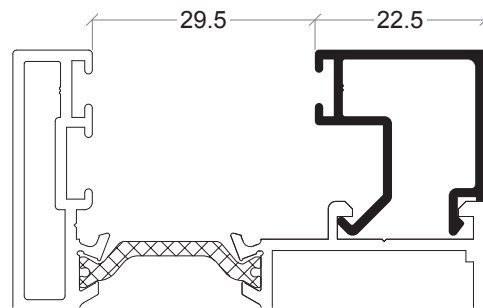
**AX-39**



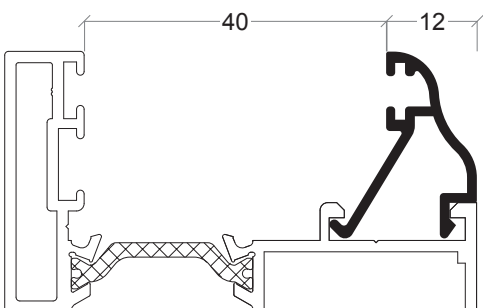
**AZ-28**



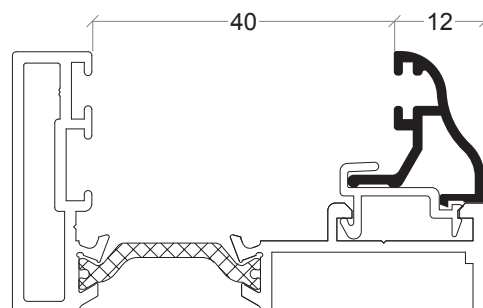
**AX-34**



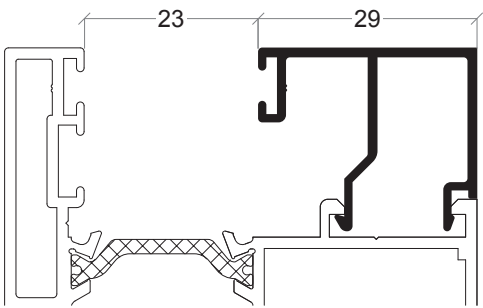
**AX-78**



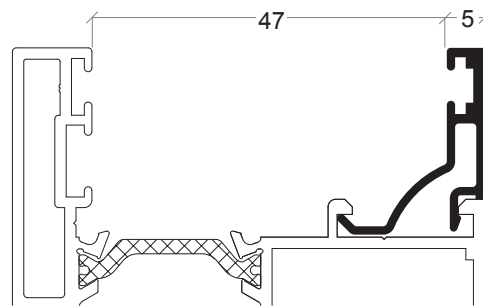
**AX-73**



**AX-72**

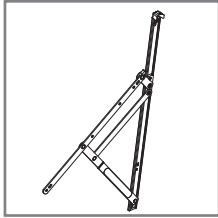


**AX-81**



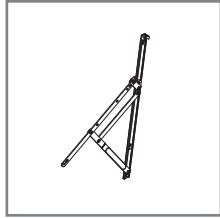
**AX-82**

58



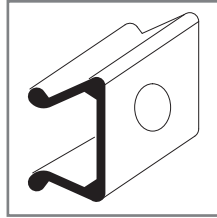
**30 00 95 20**

Jogo compasso fachada (120 Kg)  
Juego compasso fachada (120 Kg)



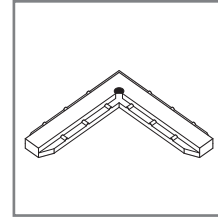
**30 00 95 71**

Jogo compasso (75kg)  
Juego compasso (75kg)



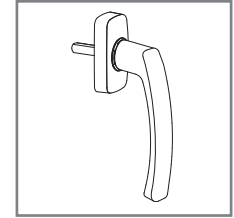
**30 03 40 00**

Mola para AZ-60  
Grapa para AZ-60



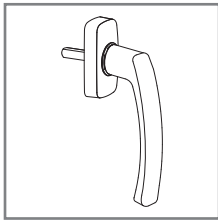
**30 21 20 07**

Esquadro de alinhamento  
Escuadra de alineamiento



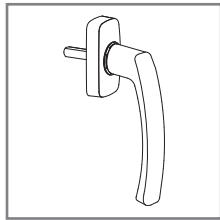
**30 60 16 40/41**

Puxador de alumínio branco/preto  
Manilla de aluminio blanco/negro



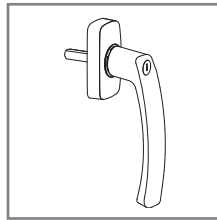
**30 60 16 42/43**

Puxador de alumínio 2 ac/champ ac  
Manilla de aluminio 2 ac/champ ac



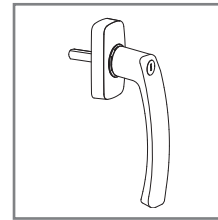
**30 60 16 44**

Puxador de alumínio inox ac  
Manilla de aluminio inox ac



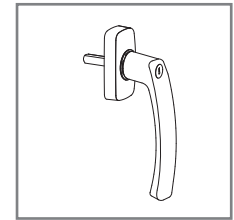
**30 60 16 45/46**

Puxador de alumínio com chave branco/preto  
Manilla de aluminio con llave blanco/negro



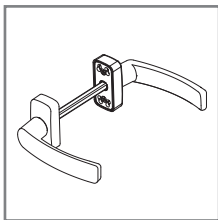
**30 60 16 47/48**

Puxador de alumínio com chave 2 ac/champ ac  
Manilla de aluminio con llave 2 ac/champ ac



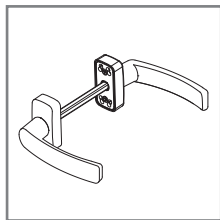
**30 60 16 49**

Puxador de alumínio com chave inox ac  
Manilla de aluminio con llave inox ac



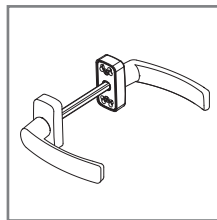
**30 60 16 50/51**

Puxador duplo de alumínio branco/preto  
Manilla doble de aluminio blanco/negro



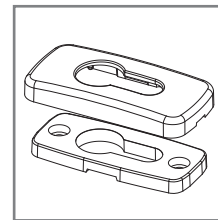
**30 60 16 52/53**

Puxador duplo de alumínio 2 ac/champ ac  
Manilla doble de aluminio 2 ac/champ ac



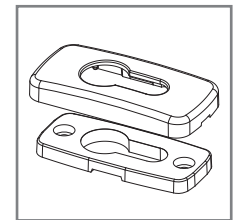
**30 60 16 54**

Puxador duplo de alumínio inox ac  
Manilla doble de aluminio inox ac



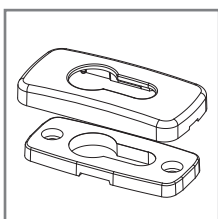
**30 60 16 55/56**

Escudo de alumínio branco/preto  
Espejo de aluminio blanco/negro



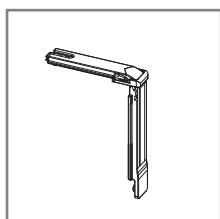
**30 60 16 57/58**

Escudo de alumínio 2 ac/champ ac  
Espejo de aluminio 2 ac/champ ac



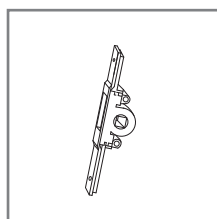
**30 60 16 59**

Escudo de alumínio inox ac  
Espejo de aluminio inox ac



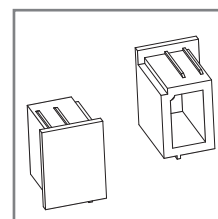
**30 90 20 42**

Ângulo de reenvio  
Angulo de reenvio



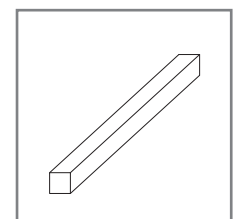
**30 90 20 44**

Transmissão para abertura exterior  
Trasmisión para apertura exterior



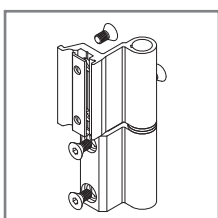
**30 91 21 20**

Jogo topos condensação Y-20  
Juego topes condensación Y-20



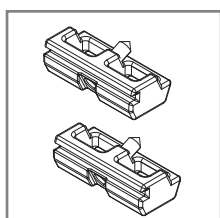
**30 91 41 23**

Perno 7 x 131 mm  
Perno 7 x 131 mm



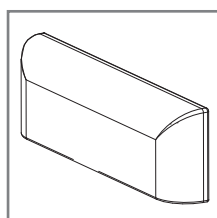
**30 92 00 20/21**

Dobradiça C.E. branco/preto  
Bisagra C.E. blanco/negro



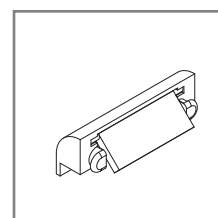
**30 92 00 50**

Complemento fecho  
Complemento cierre



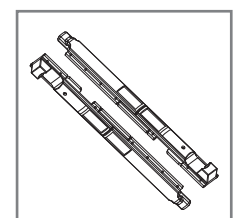
**30 92 01 00/01**

Goteiras branco/preto  
Vierteaguas blanco/negro



**30 92 01 02/03**

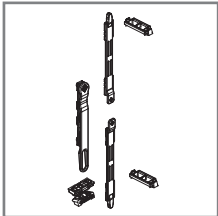
Goteira c/valvula preto/branco  
Goteo c/valvula negro/blanco



**30 92 01 20**

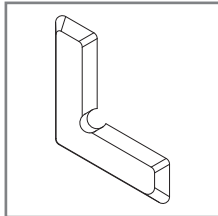
Jogo fecho C.E.  
Juego cierre C.E.





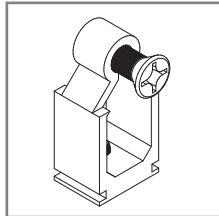
**30 92 01 23**

Jogo de passadores bidireccional C.E.  
Juego de pasadores bidireccional C.E.



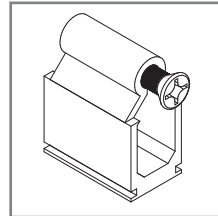
**30 92 01 35**

Jogo fecho C.E.  
Escuadra alineamiento



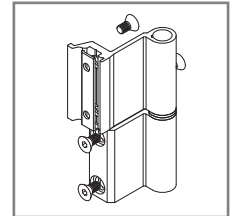
**30 92 01 40**

União topos janela  
Unión topos ventana



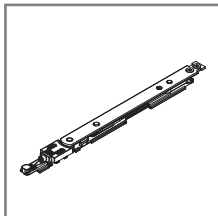
**30 92 01 50**

União topos porta  
Unión topos puerta



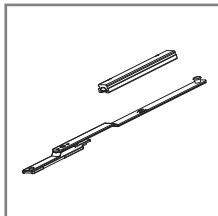
**30 92 01 70/80**

Dobradiça 3 folhas branco/preto  
Bisagra 3 hojas blanco/negro



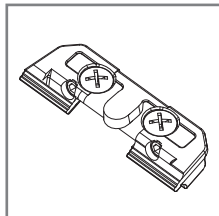
**30 92 02 10/11/12**

Compasso oscilo 300/400/500  
Compás oscilo 300/400/500



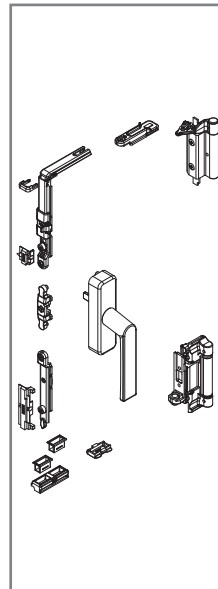
**30 92 02 13**

Compasso suplementar OB  
Compás suplementar OB



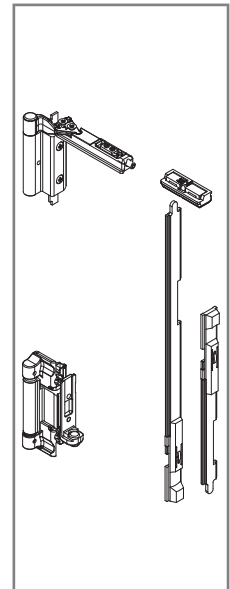
**30 92 02 15**

Esquadro alinhamento  
Cierre para microventilación



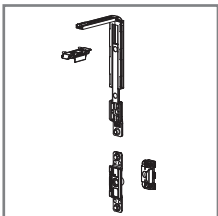
**30 92 02 20/21**

Kit oscilobatente branco/preto  
Kit oscilobatiente blanco/negro



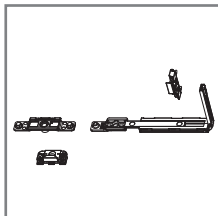
**30 92 02 24/25**

Kit 2ª folha oscilobatente branco/preto  
Kit 2ª hoja oscilobatiente blanco/negro



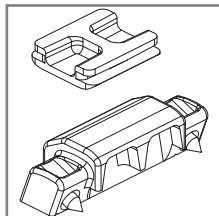
**30 92 02 45**

Kit fecho vertical 3º ponto  
Kit cierre vertical 3º punto



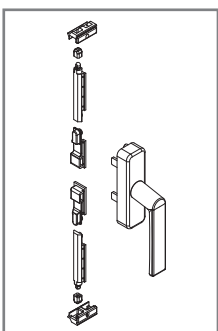
**30 92 02 47**

Kit fecho horizontal 3º ponto  
Kit cierre horizontal 3º punto



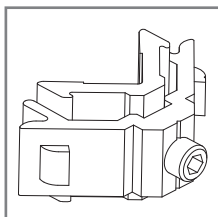
**30 92 02 60**

Apoio da folha  
Apoyo hoja



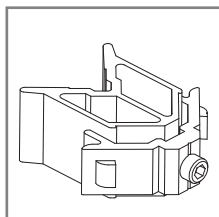
**30 92 03 10/11**

Kit cremone branco/preto  
Kit manilla blanco/negro



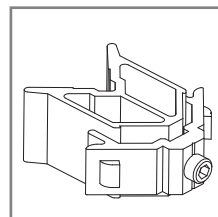
**30 92 03 80**

Esquadro janela  
Escuadra ventana



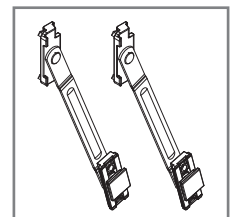
**30 92 03 90**

Esquadro porta  
Escuadra puerta



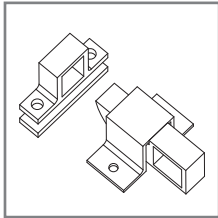
**30 92 03 95**

Esquadro folha porta  
Escuadra hoja puerta



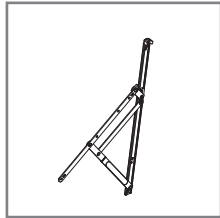
**30 92 04 75**

Jogo compassos basculante  
Juego compás abatible



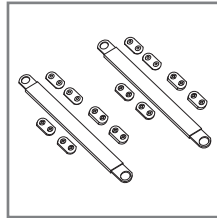
**30 92 04 76/77**

Fecho clack (branco/preto)  
Cierre clack (blanco/negro)



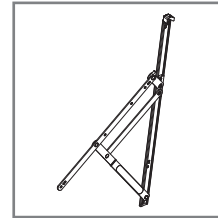
**30 92 04 80**

Jogo Compassos Projectante-Deslizante(50kg)  
Compás projectante Deslizante (50kg)



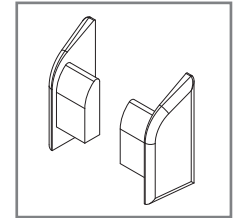
**30 92 04 85**

Jogo compasso  
Juego compás



**30 92 04 90**

Compasso SEN-550 (até 65Kg/folha)  
Compás SEN-550 (hasta 65Kg /hoja)



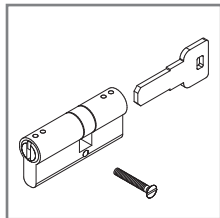
**30 92 05 00**

Jogo topos  
Juego topes



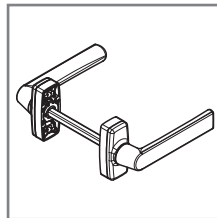
**30 92 05 10**

Fechadura 3 pontos 35 mm  
Cerradura 3 puntos 35 mm



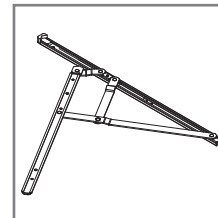
**30 92 05 52**

Canhão de segurança  
Bombillo cierre



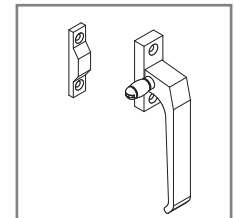
**30 92 05 60/61**

Puxador duplo branco/preto  
Manilla doble blanco/negro



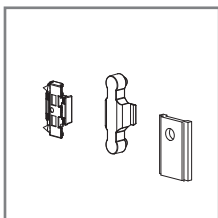
**30 92 06 00**

Compasso projectante deslizante (35kg)  
Compás projectante deslizante (35kg)



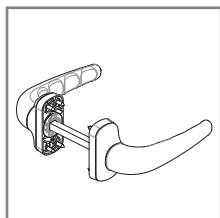
**30 92 06 10/11**

Cremone de lingueta branco/preto  
Manilla de presión blanco/negro



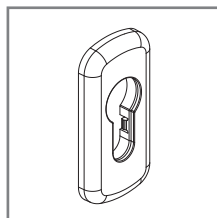
**30 92 22 43**

Ponto fecho suplementar  
Punto cierre suplementario



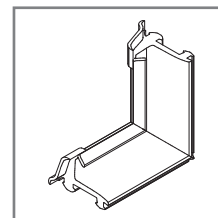
**30 92 22 82/83**

Cremone duplo branco/preto  
Manilla doble blanco/ negro



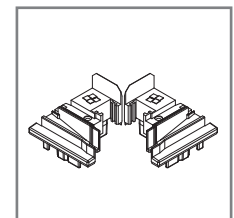
**30 92 22 85/86**

Escudo para chapa-testas branco/preto  
Contracierre bombillo blanco/negro



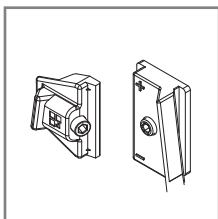
**30 93 50 12**

Canto vulcanizado com tapa-canal ATI  
Angulo vulcanizado con tapa-canal ATI



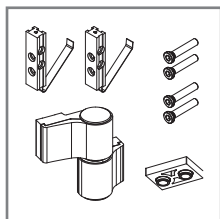
**30 93 50 21**

Conjunto topos inversores com furo ATI  
Conjunto topes inversores con agujero ATI



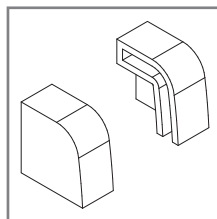
**30 95 52 15**

Fecho suplem. lado dobradiças  
Punto de cierre suplementario



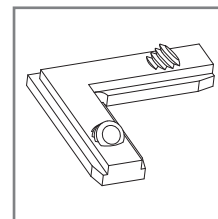
**30 96 00 17/21**

Dobradiça com ressalto (branco/preto)  
Bisagra con resalto (blanco/negro)



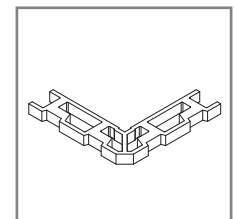
**30 96 00 12**

Jogo topos condensação  
Juego topes condensación



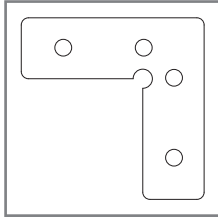
**30 96 00 15**

Esquadro de alinhamento  
Escuadra de alineamiento



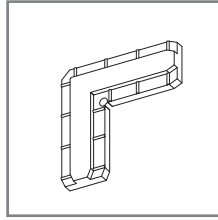
**30 96 00 25**

Esquadro exterior aro fixo F. Oculta  
Escuadro exterior Marco H. Oculta



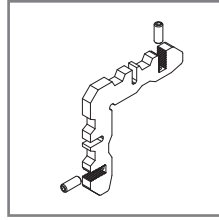
**30 96 00 28**

Esquadro alinhamento especial  
ATI-07/10/53/65/66  
Escuadra alineamiento especial  
ATI-07/10/53/65/66



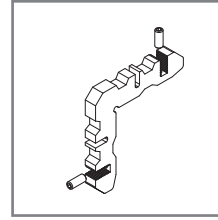
**30 96 00 43**

Esquadro de alinhamento  
Escuadro de alineación



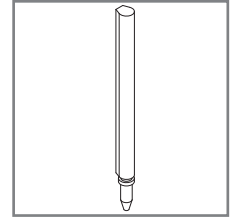
**30 96 00 45**

Esquadro alinhamento exterior com parafusos  
Escuadra alineamiento exterior con tornillos



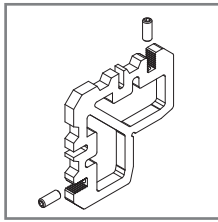
**30 96 00 48**

Esquadro de alinhamento 7x14 c/ parafusos  
Escuadra alineamiento 7x14 c/ tornillos



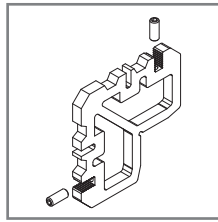
**30 96 00 55**

Perno alternativo para fixação de esquadro  
Perno alternativo para fijación de escuadra



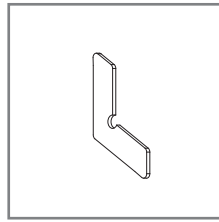
**30 96 00 60**

Esquadro de alinhamento 5.2x31.6 com parafusos  
Escuadra alineamiento 5.2x31.6 con tornillos



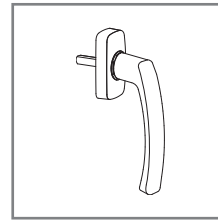
**30 96 00 62**

Esquadro alinhamento exterior  
Escuadra alineamiento exterior



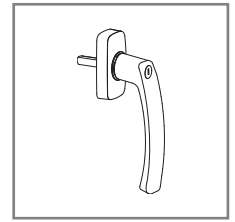
**30 96 00 63**

Esquadro alinhamento  
Escuadra alineamiento



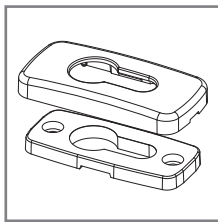
**31 70 16 40**

Puxador de alumínio em bruto  
Manilla de aluminio en crudo



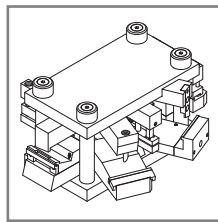
**31 60 16 42**

Puxador de alumínio com chave em bruto  
Manilla de aluminio con llave en crudo



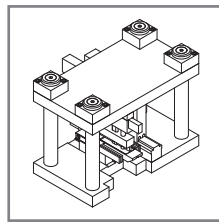
**31 70 16 43**

Escudo de alumínio em bruto  
Espejo de aluminio en crudo


























**33 96 79 99**

Cunho C.E.  
Troquel C.E.

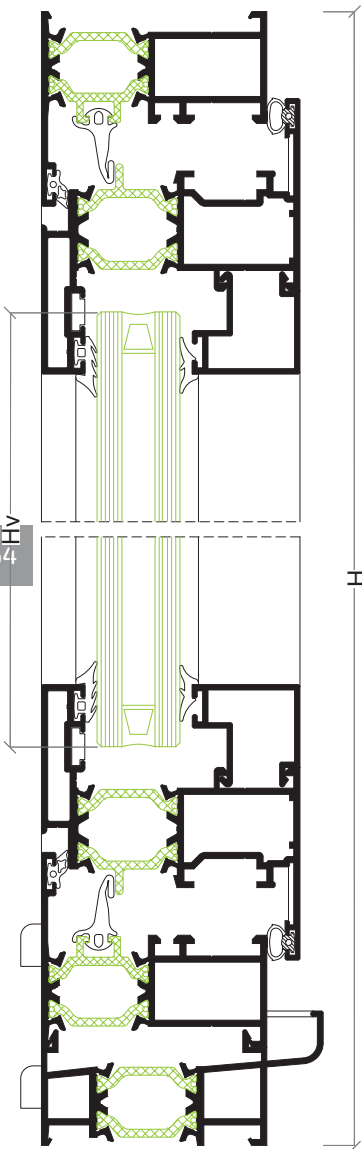
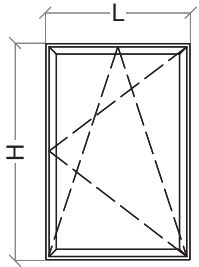


**33 96 87 99**

Cunho esquadros interior/exterior  
Troquel escuadras interior/exterior

REFERÊNCIA • REFERENCIA	DESENHO • DISEÑO	DESCRIÇÃO • DESCRIPCIÓN
30 00 95 15		Junta vedação inferior curta • Junta estanqueidad inferior
30 60 00 17		Junta exterior vidro plana 2 mm preto • Junta exterior vidrio plana 2 mm negro
30 92 04 70		Espuma isolante • Espuma aislante
30 93 00 60		Vedante exterior do vidro (opcional) • Junta exterior del vidrio (opcional)
30 93 00 61		Junta de vedação exterior • Junta de estanqueidad exterior
30 93 00 62		Junta exterior plana • Junta exterior plana
30 93 00 65		Junta interior para vidro (5 mm) • Junta interior para vidrio (5 mm)
30 93 00 66		Junta interior para vidro (4 mm) • Junta interior para vidrio (4 mm)
30 93 00 67		Junta interior para vidro (2 mm) • Junta interior para vidrio (2 mm)
30 93 00 68		Junta interior para vidro (6/7 mm) • Junta interior para vidrio (6/7 mm)
30 93 00 69		Junta interior para vidro (8/9 mm) • Junta interior para vidrio (8/9 mm)
30 93 00 70		Vedante interior do vidro (opcional) • Junta interior vidrio (opcional)
30 93 00 80		Junta de vedação inferior ATi-42 • Junta de estanqueidad inferior ATi-42
30 93 00 82		Junta de vedação inferior • Junta de estanqueidad inferior
30 93 00 84		Junta para pingadeiras AZ-60 e AZ-70 • Junta para viertaguas AZ-60 e AZ-70
30 93 00 90		Junta exterior • Junta exterior
30 93 01 20		Junta interior • Junta interior
30 96 00 18		Junta interior (abertura projectante/deslizante) • Junta interior (apertura proyectante/deslizante)
30 93 50 10		Junta central ATi • Junta central ATi
30 93 50 11		Junta central / Tapa canal ATi • Junta central / Tapa canal ATi
30 95 00 10		Pelúcia 7x9 mm Stop-fin • Burlete 7x9 mm Stop-fin
30 95 00 40		Pelúcia 7x5.5 mm Stop-fin • Burlete 7x5.5 mm Stop-fin
30 95 00 50		Pelúcia 7x6 mm Stop-fin • Burlete 7x6 mm Stop-fin

**Janela 1 folha abrir e oscilo-batente • Ventana 1 hoja practicable y oscilobatiente**



**PERFIS • PERFIS**

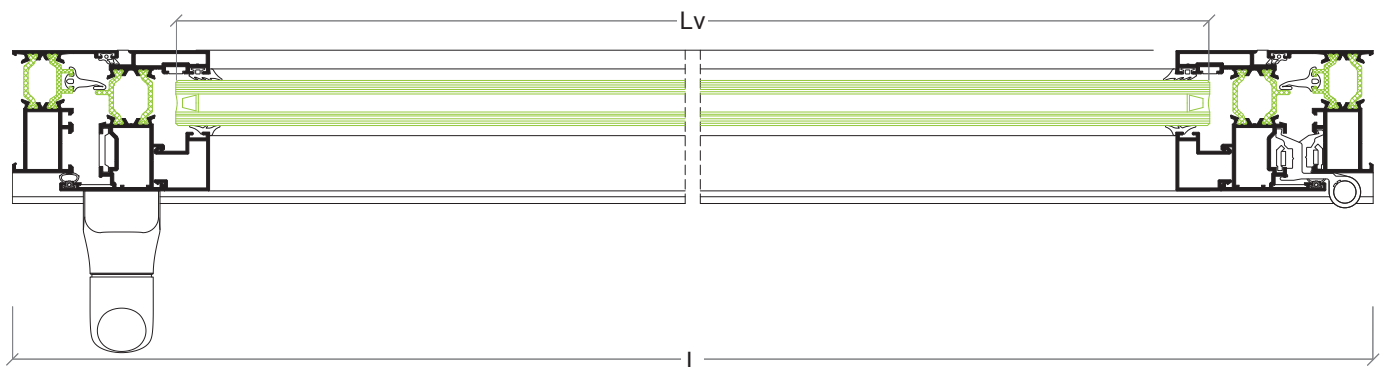
DESENHO • DISEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE • CORTE	QUANTIDADE • CANTIDAD	MEDIDAS • MEDIDA
	ATi-03	Aro fixo • Marco		2	L
				2	H-24 mm
	ATi-64	Aro móvel • Hoja		2	L-42 mm
				2	H-66 mm
	ATi-57	Soleira condensação • Condensación		1	L
	AX-19	Vareta • Pletina falleba		1+1	Apro. L+H
	---	Bite • Junquillo		2	L-135 mm
				2	H-199 mm

**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE • CANTIDAD	
		ABRIR PRATICABLE	OSCILO-BATENTE OSCIOBATIENTE
30 92 00 20	Dobradiças C.E. • Bisagras C.E.	2	---
30 92 01 00	Goteiras • Vierendeaguas	4	4
30 92 01 35	Esquadro alinhamento aro móvel • Escuadra alineamiento hoja	4	4
30 92 02 (xx)	Compasso O.B. • Compás O.B.	---	1
30 92 02 20	Kit oscilo-batente • Kit oscilobatiente	---	1
30 92 02 60	Apoio da folha • Apoyo de la hoja	1	---
30 92 03 10	Kit cremone • Kit manilla	1	---
30 92 03 80	Esquadro janela • Escuadra ventana	8	8
30 96 00 12	Jogo topos condensação • Juego topes condensación	1	1
30 96 00 15	Esquadro alinhamento móvel • Escuadra alineamiento hoja	4	4
30 92 04 70	Espuma isolante • Espuma aislante	L	L
30 93 00 90	Junta exterior • Junta exterior	2L+2H	
30 93 50 10	Junta central • Junta central	2L+2H	
30 93 01 20	Junta interior • Junta interior	2L+2H	
---	Junta exterior vidro • Junta exterior vidrio	2L+2H	
---	Junta interior vidro • Junta interior vidrio	2L+2H	

**VIDRO • VIDRIO**

Hv = H-174 mm	Lv = L-149 mm
---------------	---------------



**Janela 2 folhas abrir e oscilo-batente • Ventana 2 hojas practicable y oscilobatiente**
**PERFIS • PERFIS**

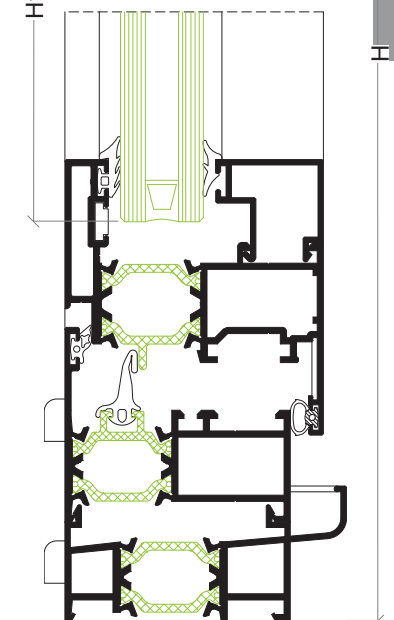
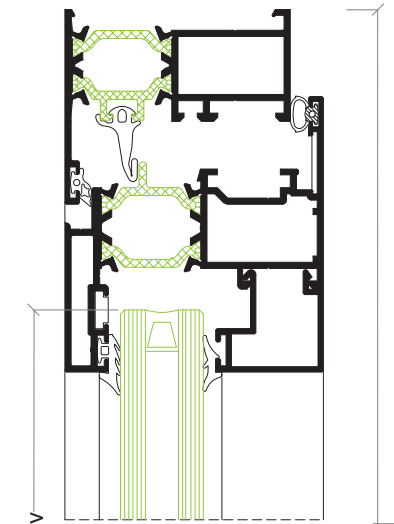
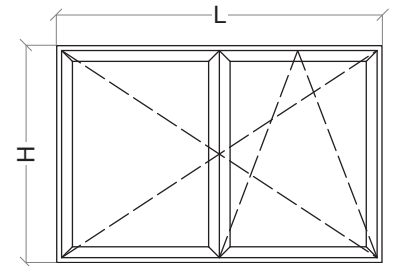
DESENHO • DISEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE CORTE	QUANTIDADE CANTIDAD	MEDIDAS • MEDIDA
	ATI-03	Aro fixo • Marco		2	L
	ATI-64	Aro móvel • Hoja		2	H-24 mm
	ATI-64	Aro móvel • Hoja		4	L/2-24 mm
	ATI-64	Aro móvel • Hoja		4	H-66 mm
	ATI-57	Soleira condensação • Condensación		1	L
	AX-19	Vareta • Pletina falleba		1+1	Apro. L+H
	---	Bite • Junquillo		4	L/2-117 mm
	---	Bite • Junquillo		4	H-199 mm
	ATI-04	Inversor • Inversor		1	H-134 mm

**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

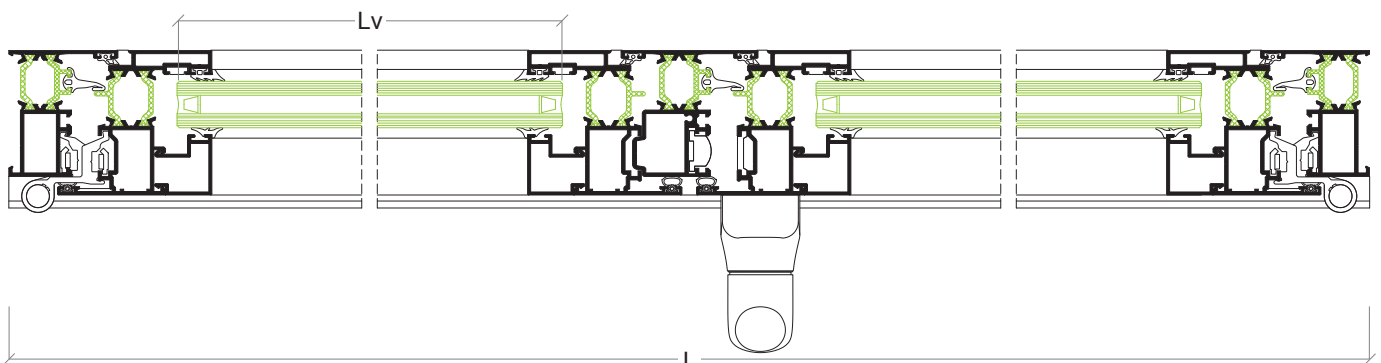
REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE • CANTIDAD	
		ABRIR PRATICABLE	OSCILO-BATENTE OSCILOBATIENTE
30 92 00 20	Dobradiças C.E. • Bisaqras C.E.	4	---
30 92 01 00	Goteiras • Vierendeaguas	4	4
30 92 01 20	Jogo fecho C.E. • Juego Cierre C.E.	1	---
30 92 01 35	Esquadro alinhamento aro móvel • Escuadra alineamiento hoja	8	8
30 92 02 (xx)	Compasso O.B. • Compás O.B.	---	1
30 92 02 20	Kit oscilo-batente • Kit oscilobatiente	---	1
30 92 02 24	Kit 2ª folha oscilo-batente • Kit 2ª hoja oscilobatiente	---	1
30 92 02 60	Apoio da folha • Apoyo de la hoja	1	---
30 92 03 10	Kit cremone • Kit manilla	1	---
30 92 03 80	Esquadro janela • Escuadra ventana	12	12
30 93 50 21	Jogo topos inversor • Juego topos inversor	1	1
30 96 00 12	Jogo topos condensação • Juego topos condensación	1	1
30 96 00 15	Esquadro alinhamento móvel • Escuadra alineamiento hoja	8	8
30 92 04 70	Espuma isolante • Espuma aislante	L	L
30 93 00 90	Junta exterior • Junta exterior	2L+4H	
30 93 05 10	Junta central • Junta central	2L+3H	
30 93 01 20	Junta interior • Junta interior	2L+4H	
---	Junta exterior vidro • Junta exterior vidrio	2L+4H	
---	Junta interior vidro • Junta interior vidrio	2L+4H	

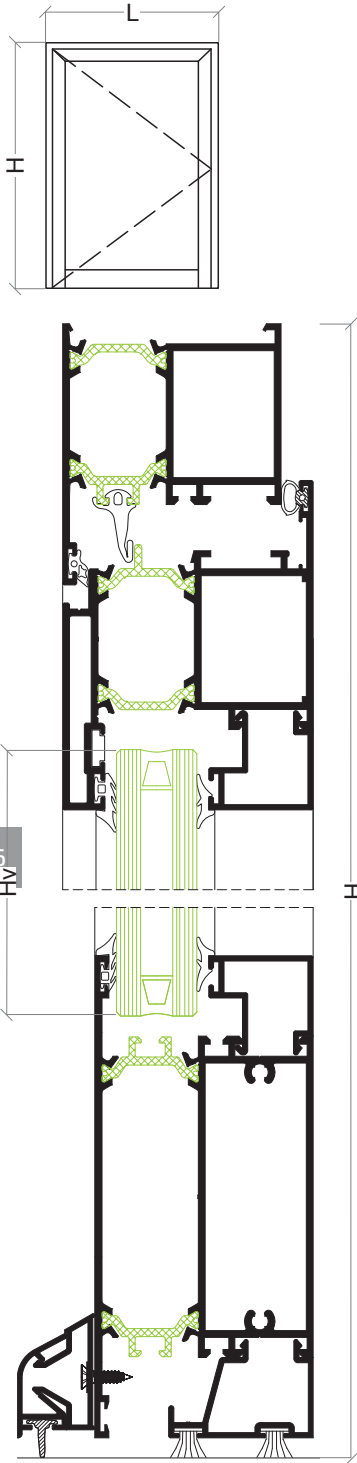
**VIDRO • VIDRIO**

Hv = H-220 mm	Lv = L/2-131 mm
---------------	-----------------



65



**Porta 1 folha • Puerta 1 hoja**

**PERFIS • PERFIS**

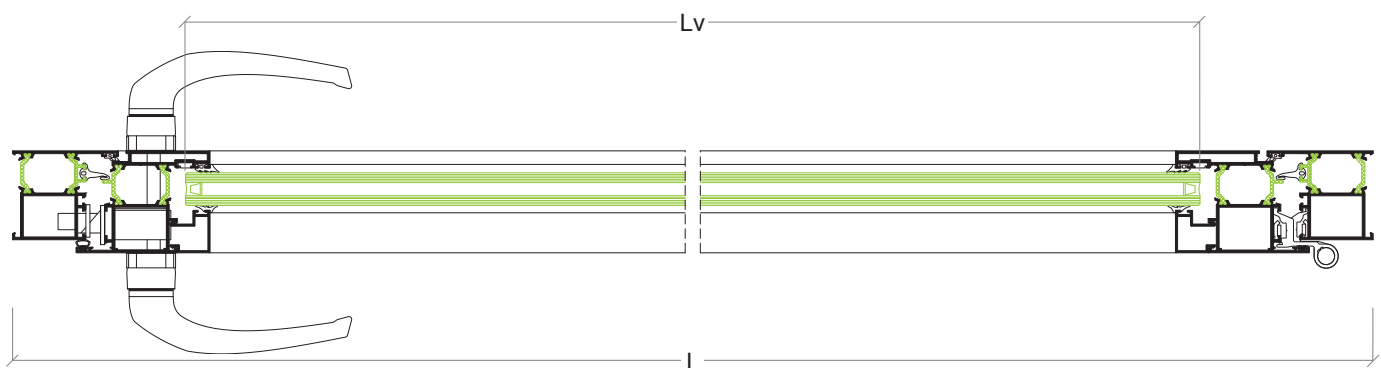
DESENHO • DESEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE • CORTE	QUANTIDADE CANTIDAD	MEDIDAS • MEDIDA
	ATI-08	Aro fixo • Marco		1	L
				2	H
	ATI-65	Folha • Hoja		1	L-78 mm
				2	H-44 mm
	ATI-12	Travessa • Travessaño		1	L-193 mm
	AX-15	Bite remate • Junquillo acople		1	L-202 mm
	---	Bite • Junquillo		2	L-202 mm
				2	H-246 mm
	AZ-60	Pingadeira • Vierteaguas		1	L-145 mm
	AZ-61	Clip pingadeira • Suplemento vierteaguas		1	L-242 mm

**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE CANTIDAD
30 92 00 20	Dobradiças C.E. • Bisagras C.E.	3
30 92 03 90	Esquadro porta • Escuadra puerta	4
30 92 05 10	Fechadura 3 pontos • Cierre 3 puntos	1
30 92 05 52	Canhão fechadura • Bombillo cierre	1
30 92 05 60	Puxador duplo • Manilla doble	1
30 96 00 15	Esquadro alinhamento móvel • Escuadra alineamiento hoja	2
30 92 05 00	Jogo topos • Juego topes	1
30 96 00 28	Esquadro alinhamento • Escuadra alineamiento	2
30 93 00 84	Junta para pingadeiras AZ-60 e AZ-70 • Junta para vierteaguas AZ-60 e AZ-70	L
30 93 00 90	Junta exterior • Junta exterior	1L+2H
30 93 05 10	Junta central • Junta central	1L+2H
30 93 01 20	Junta interior • Junta interior	1L+2H
30 95 00 10	Pelúcia 7x9 mm • Burlete 7x9 mm	2L
---	Junta exterior vidro • Junta exterior vidrio	2L+2H
---	Junta interior vidro • Junta interior vidrio	2L+2H

**VIDRO • VIDRIO**

Hv = H-220 mm	Lv = L-216 mm
---------------	---------------



**Porta 2 folhas • Puerta 2 hojas**
**PERFIS • PERFIS**

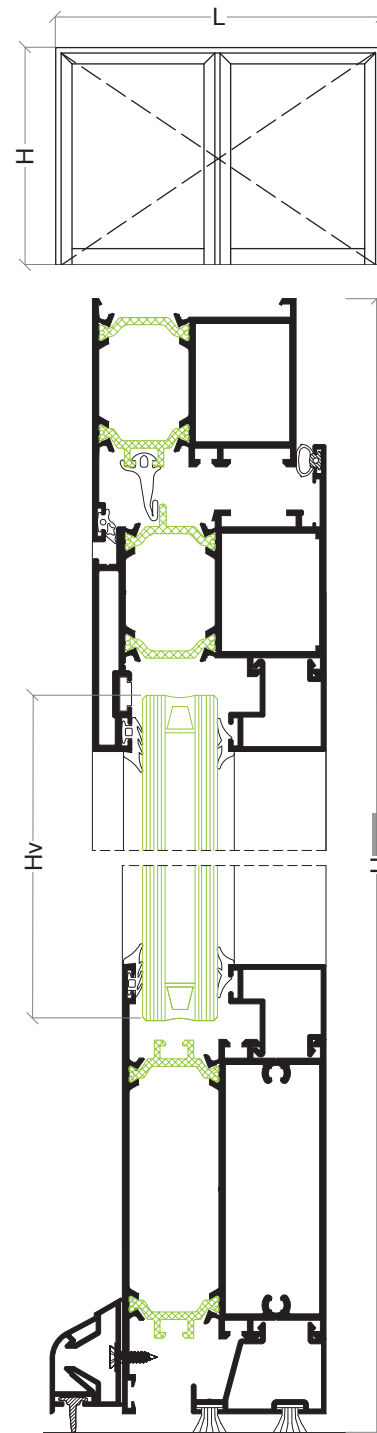
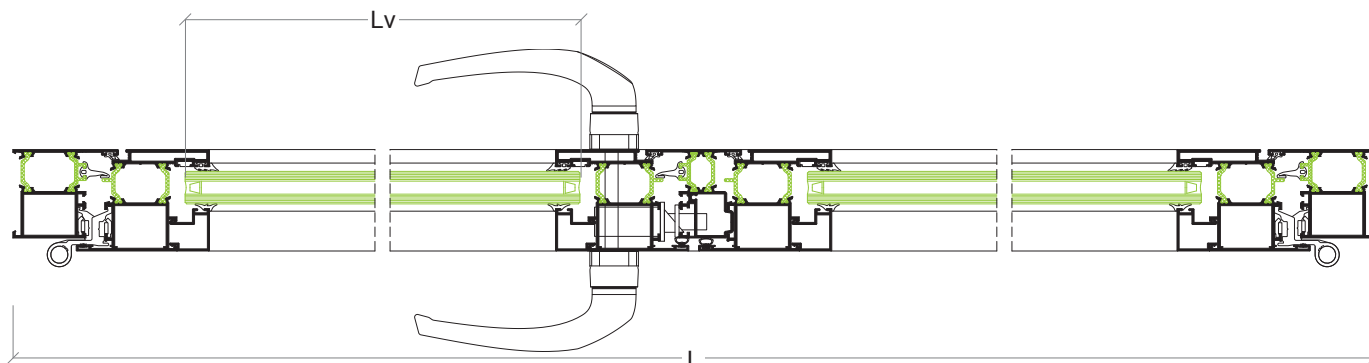
DESENHO • DISEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE CORTE	QUANTIDADE CANTIDAD	MEDIDAS • MEDIDA
	ATI-08	Aro • Marco		1	L
				4	H
	ATI-65	Folha • Hoja		2	L/2-42 mm
				4	H-44 mm
	ATI-04	Inversor • Inversor		1	H-78 mm
	ATI-12	Travessa • Zócalo 120x55mm		2	L/2-157 mm
	AX-15	Bite remate • Junquillo acople		2	L/2-166 mm
	---	Bite • Junquillo		4	L/2-166 mm
				4	H-246 mm
	AZ-60	Pingadeira • Vierteaguas		1	Aprox. L/2
				1	Aprox. L/2
	AZ-61	Clip pingadeira • Suplemento vierteaguas		2	L/2-206 mm

**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

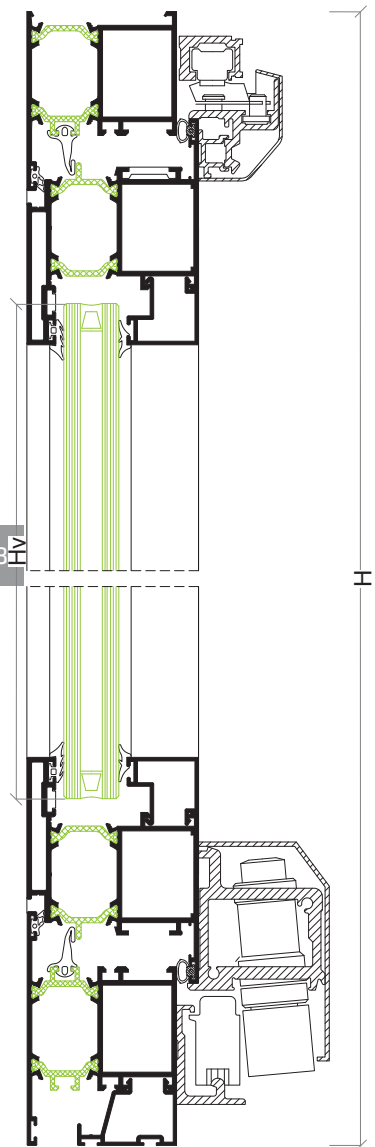
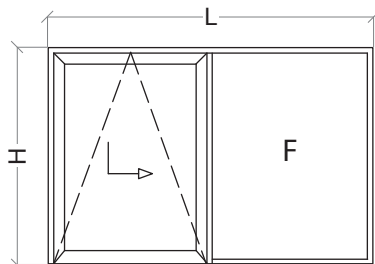
REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE CANTIDAD
30 92 00 20	Dobradiças C.E. • Bisagras C.E.	6
30 92 01 12	Jogo topos inversor • Juego topos inversor	1
30 92 01 20	Jogo fecho C.E. • Juego Cierre C.E.	1
30 92 03 90	Esquadro porta • Escuadra puerta	6
30 92 05 10	Fechadura 3 pontos • Cierre 3 puntos	1
30 92 05 52	Canhão fechadura • Bombillo cierre	1
30 92 05 60	Puxador duplo • Manilla doble	1
30 96 00 15	Esquadro alinhamento móvel • Escuadra alineamiento hoja	4
30 92 05 00	Jogo topos • Juego topos	1
30 96 00 28	Esquadro alinhamento • Escuadra alineamiento	2
30 93 00 84	Junta para pingadeiras AZ-60 e AZ-70 • Junta para vierteaguas AZ-60 e AZ-70	L
30 93 00 90	Junta exterior • Junta exterior	1L+4H
30 93 05 10	Junta central • Junta central	1L+3H
30 93 01 20	Junta interior • Junta interior	L+4H
30 95 00 10	Pelúcia 7x9 mm • Burlete 7x9 mm	2L
---	Junta exterior vidro • Junta exterior vidrio	2L+2H
---	Junta interior vidro • Junta interior vidrio	2L+2H

**VIDRO • VIDRIO**

Hv = H-220 mm	Lv = L-180 mm
---------------	---------------





**Porta oscilo-paralela com fixo lateral • Puerta oscilo-paralela con fijo lateral**

**PERFIS • PERFIS**

DESENHO • DISEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE • CORTE	QUANTIDADE CANTIDAD	MEDIDAS • MEDIDA
	ATI-08	Aro fixo • Marco		1	L
	ATI-65	Aro móvel • Hoja		2	H
	ATI-65	Aro móvel • Hoja		2	L1-56 mm
	ATI-06	Travessa • Travessaño		1	L-81 mm
	ATI-06	Travessa • Travessaño		1	H-101 mm
	AX-15	Bite remate • Junquillo acople		1	L-90 mm
	AX-19	Vareta • Pletina falleba		1+1	Apro. L+H
	---	Bite (folha) • Junquillo (hoja)		2	L1-180 mm
	---	Bite (folha) • Junquillo (hoja)		2	H-262 mm
	---	Bite (fixo) • Junquillo (fijo)		2	L2-67.5 mm
	---	Bite (fixo) • Junquillo (fijo)		2	H-150 mm

**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

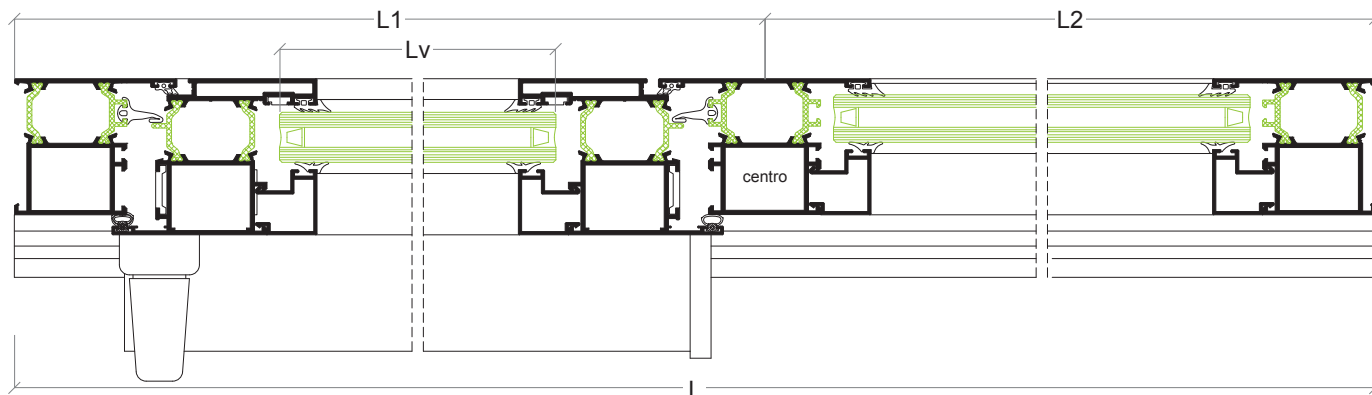
REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE CANTIDAD
30 92 01 00	Goteiras • Vierendeaguas	4
30 92 01 50	União topos porta • Unión topos puerta	2
30 92 03 90	Esquadro porta • Escuadra puerta	6
30 96 00 15	Esquadro alinhamento móvel • Escuadra alineamiento hoja	4
---	Kit oscilo-paralela • Kit oscilo-paralelo	1
30 96 00 28	Esquadro de alinhamento • Escuadra alineamiento	4
30 93 00 90	Junta exterior • Junta exterior	2L1+2H
30 93 05 10	Junta central • Junta central	2L1+2H
30 93 01 20	Junta interior • Junta interior	2L1+2H
---	Junta exterior vidro • Junta exterior vidrio	2L+2H
---	Junta interior vidro • Junta interior vidrio	2L+2H

	MÍNIMO • MÍNIMO	MÁXIMO • MÁXIMO
Largura da folha • Largo de la hoja	700 mm	1650 mm
Altura da folha • Alto de la hoja	850 mm	2400 mm



















Peso máximo por folha 150 Kg • Peso máximo por hoja 150 kg

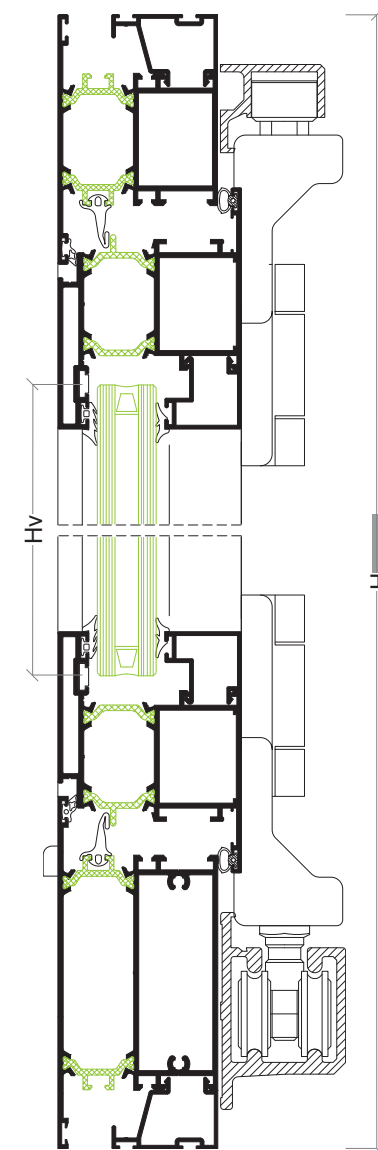
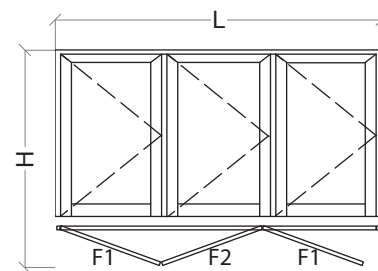
**VIDRO • VIDRIO**

Hv hoja = H-236 mm	Lv hoja = L1-193 mm
Hv fijo = H-124 mm	Lv fijo = L2-81 mm



**Porta 3 folhas harmónio • Puerta 3 hojas plegable**
**PERFIS • PERFIS**

DESENHO • DISEÑO	REF.	DESCRIÇÃO • DESCRIPCIÓN	CORTE CORTE	QUANTIDADE CANTIDAD	MEDIDAS • MEDIDA
	ATI-08	Aro fíco • Marco		2	H
	ATI-06	Travessa • Travesanõ		1	L-81 mm
	AXi-12	Travessa • Zócalo 120x55mm		1	L-81
	ATI-65	Aro móvel • Hoja		6	(consultar)
				6	(consultar)
	ATI-04	Inversor • Inversor		2	(consultar)
	AX-15	Bite remate • Junquillo acople		2	L-90 mm
	AX-19	Vareta • Pletina falleba		2	2H
	---	Bite • Junquillo		6	(consultar)
				6	(consultar)


**ACESSÓRIOS E JUNTAS • ACCESORIOS Y JUNTAS**

REF.	DESCRIÇÃO • DESCRIPTION	QUANTIDADE CANTIDAD
30 92 01 50	União topos porta • Unión tope puerta	2
30 92 01 00	Goteiras • Vientaguas	6
30 93 50 21	Jogo topos inversor • Juego topes inversor	2
30 92 03 90	Esquadro porta • Escuadra puerta	12
---	Kit harmónio (3+0) • Kit plegable (3+0)	1
30 92 01 20	Jogo de fecho C.E. • Juego cierre C.E.	1
30 96 00 28	Esquadro de alinhamento • Escuadra alineamiento	12
30 96 00 15	Esquadro aro móvel exterior • Escuadra hoja exterior	12
30 93 00 90	Junta exterior • Junta exterior	2L+6H
30 93 05 10	Junta central • Junta central	2L+4H
30 93 01 20	Junta interior • Junta interior	2L+6H
---	Junta exterior vidro • Junta exterior vidrio	2L+6H
---	Junta interior vidro • Junta interior vidrio	2L+6H

	MÍNIMO • MÍNIMO	MÁXIMO • MÁXIMO
Largura da folha • Largo de la hoja	700 mm	900 mm
Altura da folha • Alto de la hoja	850 mm	2400 mm

Peso máximo por folha 80 Kg • Peso máximo por hoja 80 kg

**VIDRO • VIDRIO**

Hv = consultar	Lv F1 = consultar
	Lv F2 = consultar

