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Systeme

ARi

Système ARi

Système à frappe avec Rupture Thermique - 60 mm

Caractéristiques du système

Système d'ouverture avec rupture thermique et des hautes prestations thermiques et acoustiques.

Le système ARi permet l'exécution de 4 versions de cadres:

1. Ligne droit;
2. Ligne courbe;
3. Ligne tradition;
4. Ouvrant caché;

Le système ARi permet l'application de verres doubles ou triples d'hautes performances afin de répondre aux exigences d'isolation thermique et acoustique.

La version ARi Ouvrant caché permet l'ocultation du ouvrant.

Profils d'aluminium

Les profils d'aluminium sont extrudés dans l'alliage d'aluminium 6060 pour architecture selon la norme NP EN 12020-02.

Les profils avec rupture thermique sont obtenus par insertion de barrettes isolantes de polyamide de 24mm renforcées avec 25% de fibre de verre.

Épaisseur moyenne des profils d'aluminium de 1.5 mm pour fenêtres et 1.7mm pour portes.

Dormants

Section des dormants de 60 mm ou 84.5 mm avec triple chambre;

Dormants avec doubles équerres pour assemblage à onglet.

Ouvrants

Sections des ouvrants de 68 mm avec triple chambre;

Verre double ou triple de 10 mm à 45 mm pour le système ARi;

Verre double jusqu'à 23 mm pour le système ARi Ouvrant caché;

Ouvrants avec doubles équerres pour assemblage à onglet.

Dimensionnement et manoeuvrabilité

Dimensions minimales - maximales de vantaux: 400 mm - 1500 mm (L); 400 mm - 2700 mm (H);

Possibilités d'ouverture: fixe, à la française 1 vantail ou 2 vantaux avec oscilo-battant, extérieur, à soufflet, à l'italienne, pivotant, harmonium et oscilo-parallèle;

Étanchéité assurée par triple joints en EPDM.

Performances

Système certifié par laboratoire notifié pour les essais de type initial (ITT) en accord avec la norme de produit EN 14351-1 aux fins de Marquage CE.

Catégories obtenues dans l'évaluation du système ARi typologie fenêtre:

1. Perméabilité à l'air: Classe 4 (norme d'essai EN 1026)
2. Étanchéité à l'eau: Classe E750 (norme d'essai EN 1027)
3. Résistance au vent: Classe C5 (norme d'essai EN 12211)

Catégories obtenues dans l'évaluation du système ARi typologie porte:

1. Perméabilité à l'air: Classe 4 (norme d'essai EN 1026)
2. Étanchéité à l'eau: Classe 9A (norme d'essai EN 1027)
3. Résistance au vent: Classe C3 (norme d'essai EN 12211)

Catégories obtenues dans l'évaluation du système ARi-Ouvrant caché fenêtre:

1. Perméabilité à l'air: Classe 3 (norme d'essai EN 1026)
2. Étanchéité à l'eau: Classe 7A (norme d'essai EN 1027)
3. Résistance au vent: Classe C5 (norme d'essai EN 12211)
4. Résistance à la torsion élastique: Capable 350N (norme d'essai EN 14609)

Coefficient de transmission thermique pour fenêtre de 2 vantaux, système ARi, avec 1.20m x 1.50 m avec verre $U_g = 0.7 \text{ W/m}^2\text{K}$, avec intercalaire effet "Warm Edge":

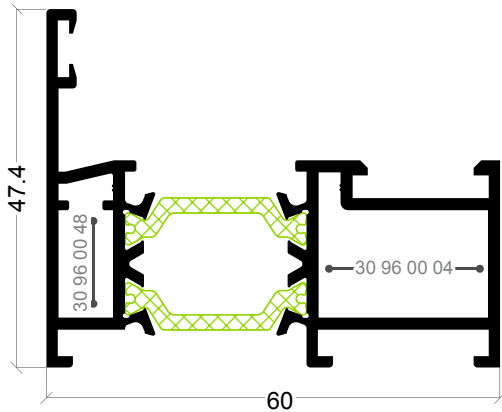
- $U_w = 1.54 \text{ W/m}^2\text{K}$

Coefficient de transmission thermique pour fenêtre de 2 vantaux, système ARi Ouvrant caché avec 1.80 m x 2.20 m avec verre $U_g = 1.1 \text{ W/m}^2\text{K}$, avec intercalaire effet "Warm Edge":

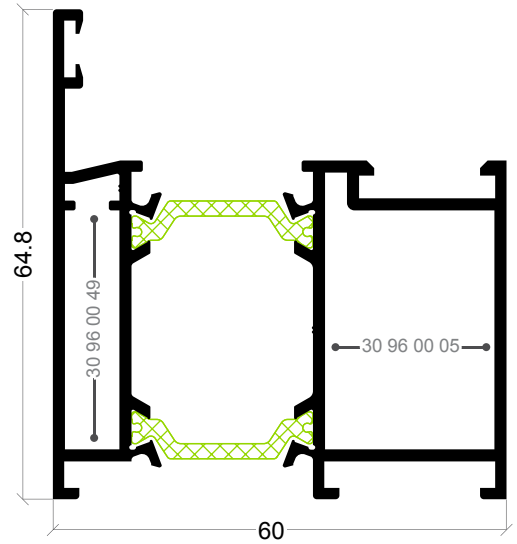
- $U_w = 1.70 \text{ W/m}^2\text{K}$

Coefficient d'atténuation acoustique pour fenêtre de 2 vantaux avec verre 4/16 (gaz argon)/6:

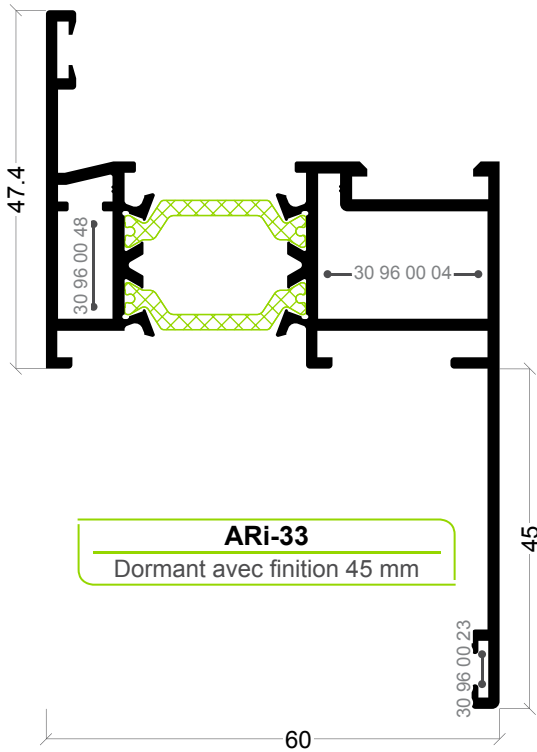
- $R_w (C; C_{tr}) = 34 \text{ dB} (-1; -4)$



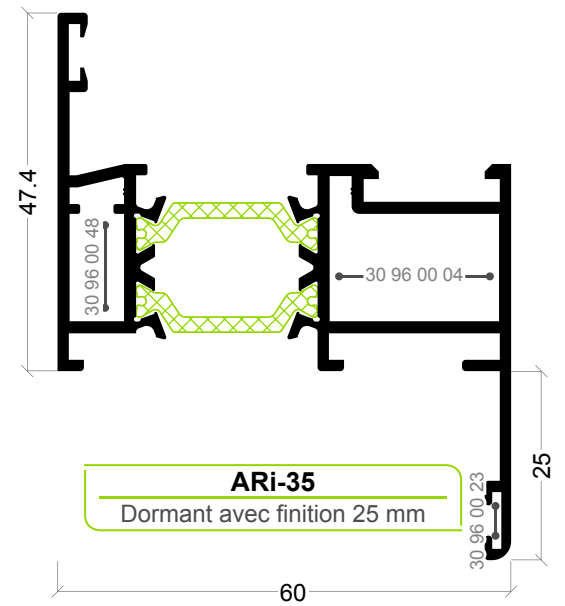
ARi-03
Dormant



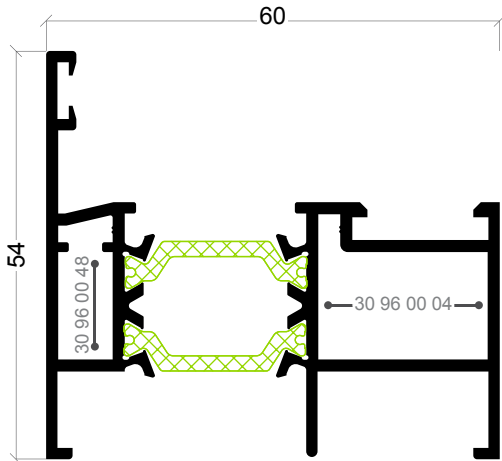
ARi-08
Dormant



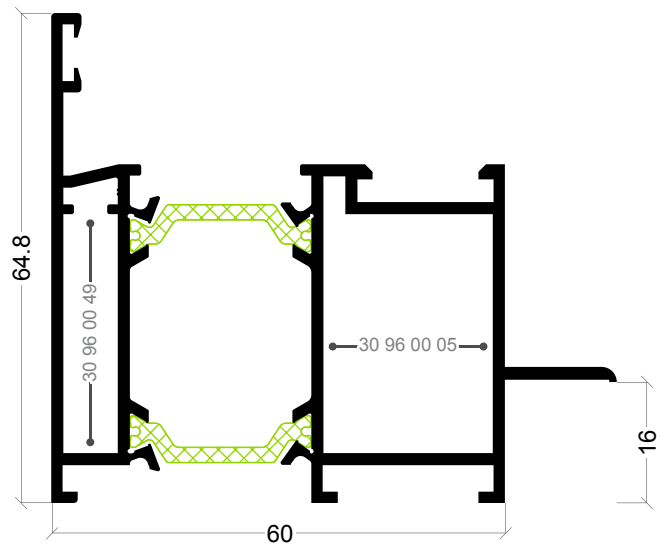
ARi-33
Dormant avec finition 45 mm



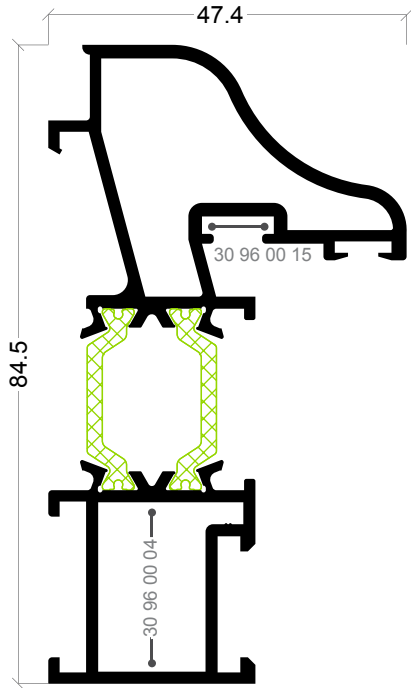
ARi-35
Dormant avec finition 25 mm



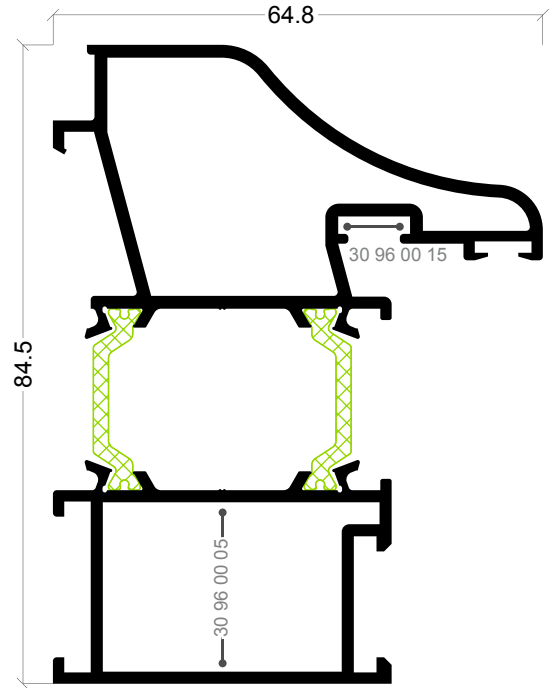
ARi-81
Dormant



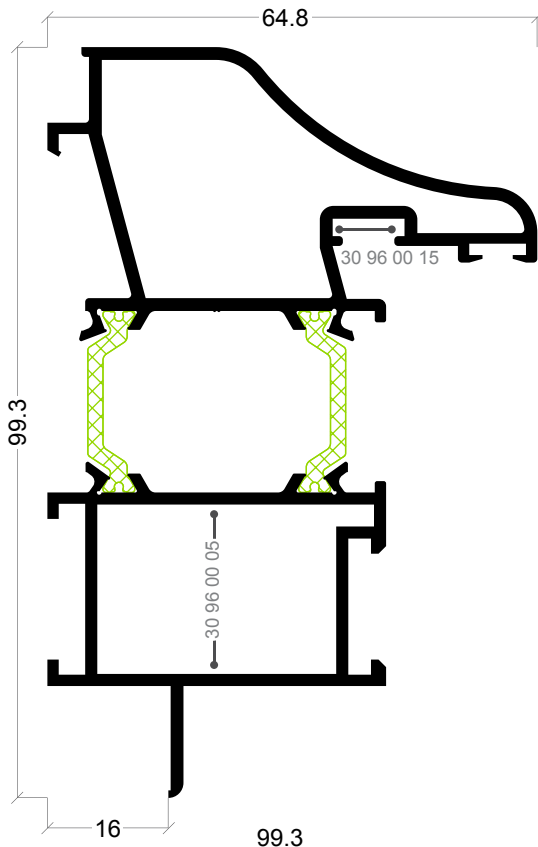
ARi-68
Dormant pour panneau



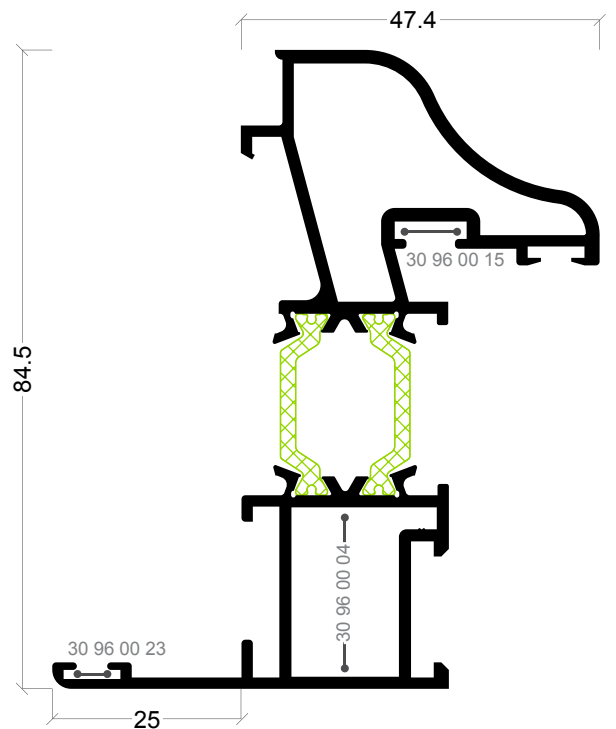
ARi-57
Dormant tradition



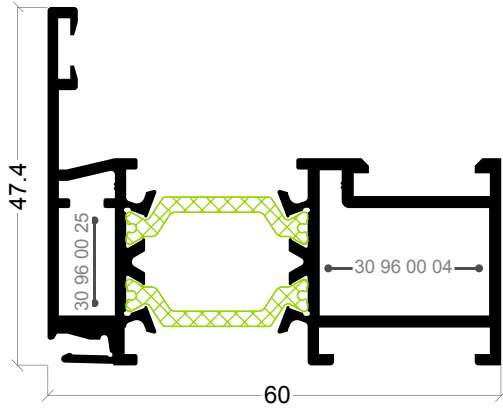
ARi-59
Dormant tradition



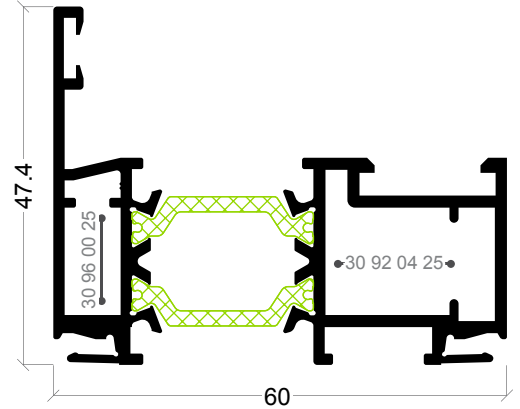
ARi-69
Dormant tradition pour panneau



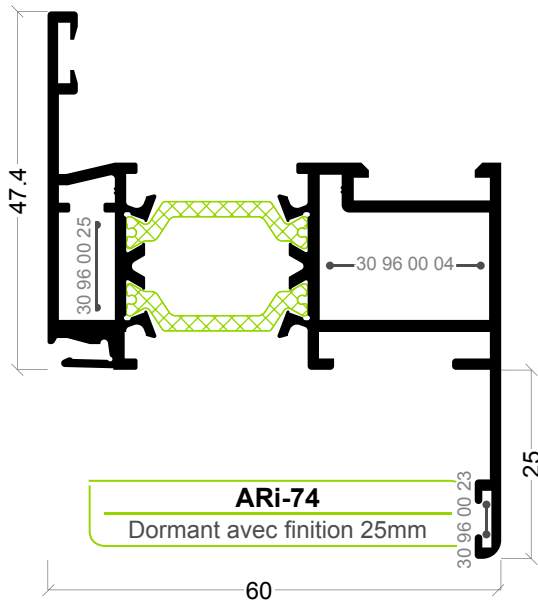
ARi-77
Dormant tradition avec finition



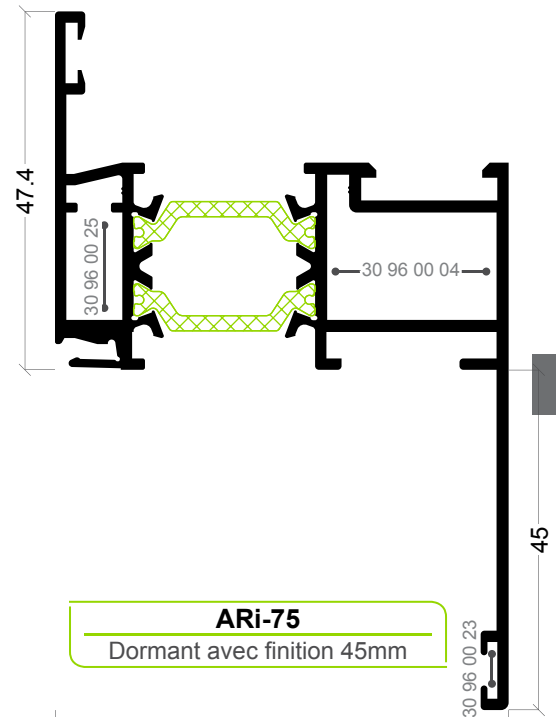
ARi-76
Dormant pour rénovation ext.



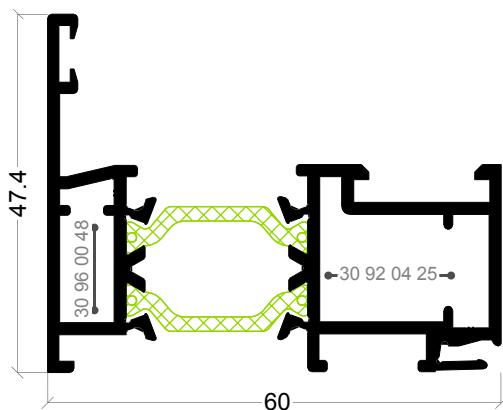
ARi-80
Dormant pour rénovation



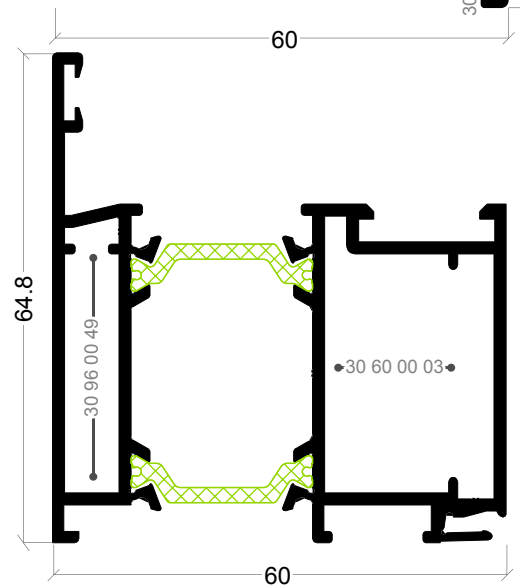
ARi-74
Dormant avec finition 25mm



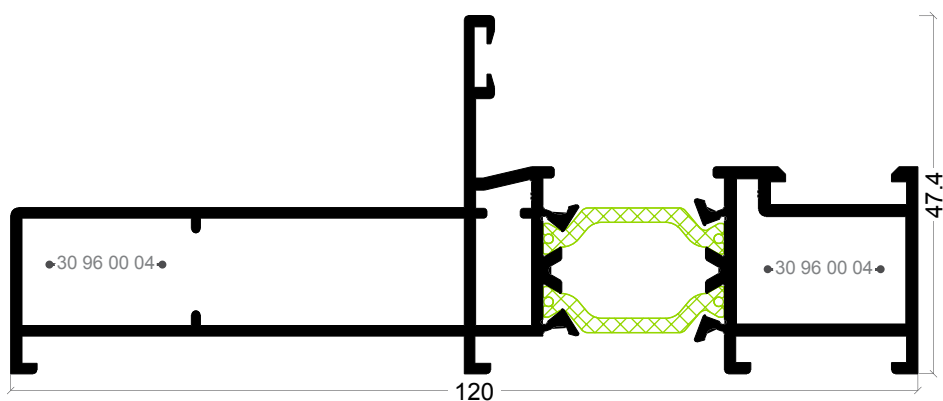
ARi-75
Dormant avec finition 45mm



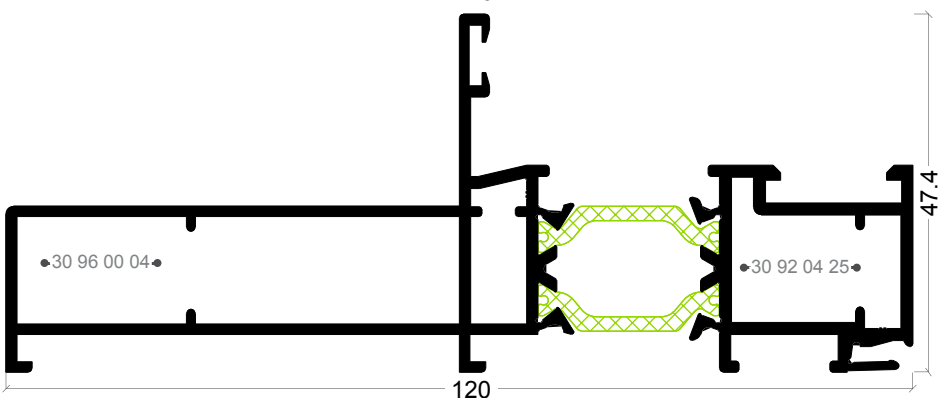
ARi-91
Dormant pour rénovation int.



ARi-93
Dormant pour rénovation int.

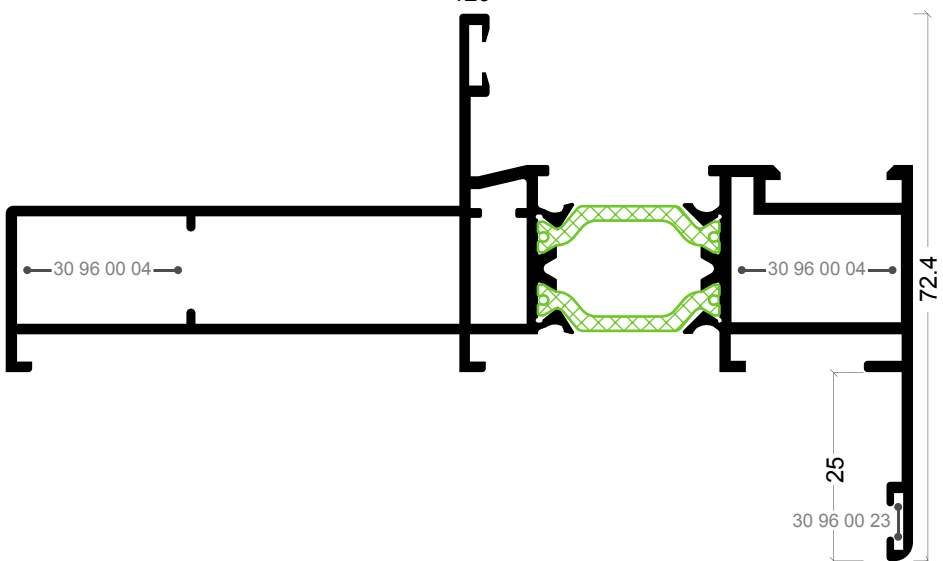


ARi-89
Dormant

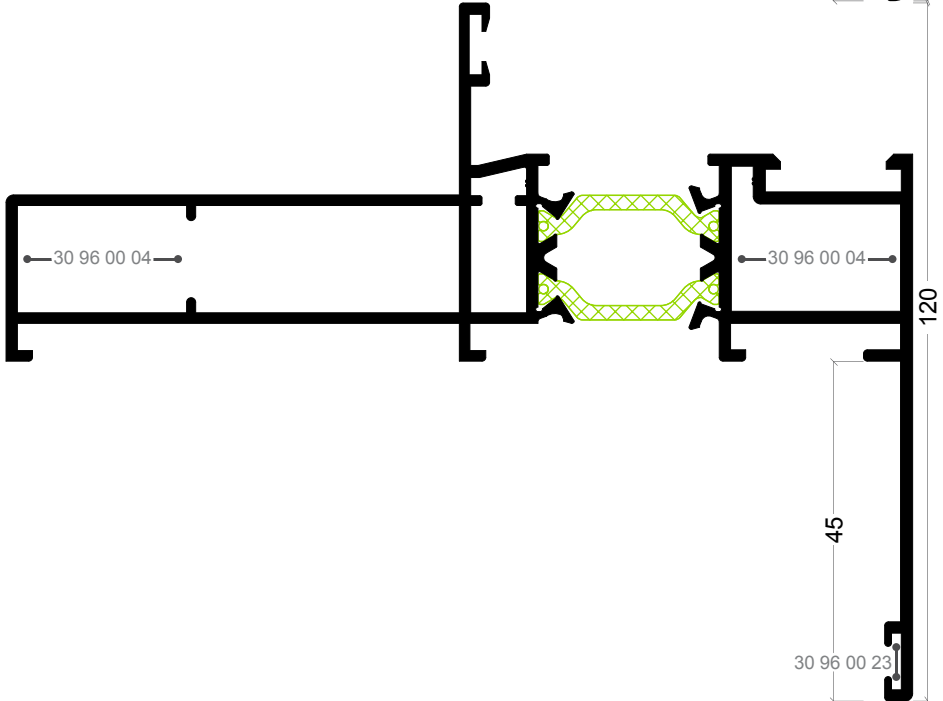


ARi-88
Dormant pour rénovation int.

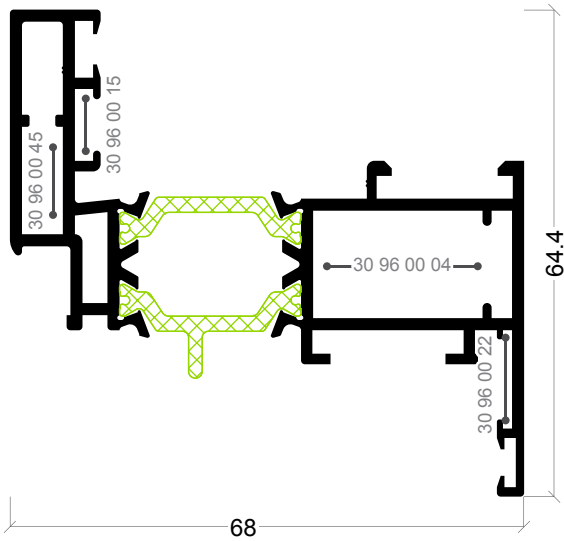
66



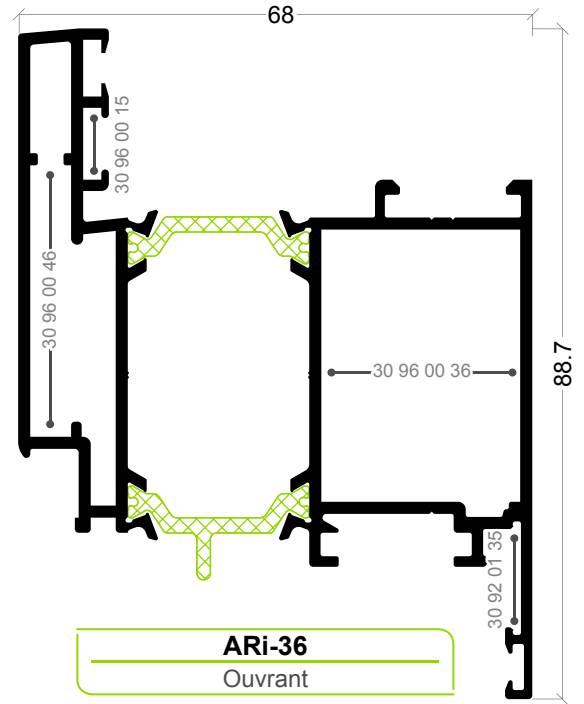
ARi-86
Dormant avec finition 25mm



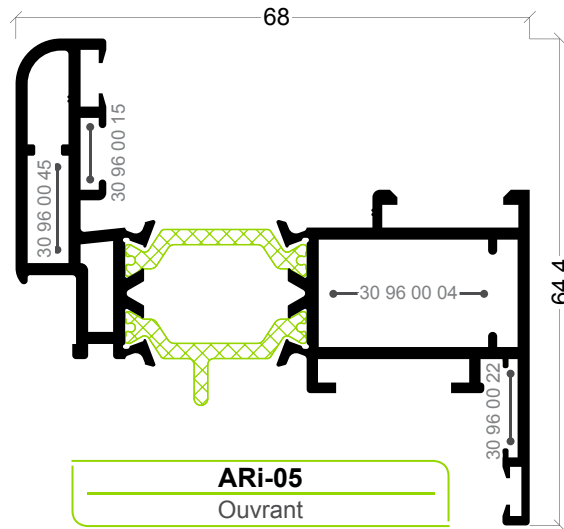
ARi-87
Dormant avec finition 45mm



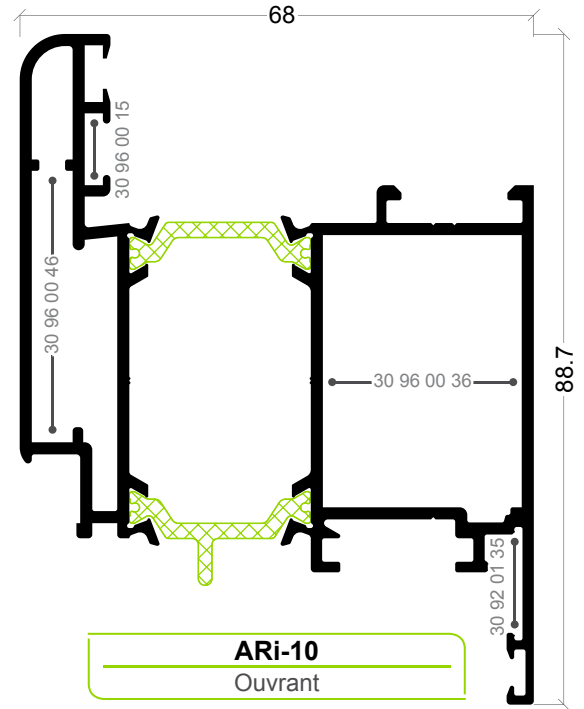
ARi-61
Ouvrant



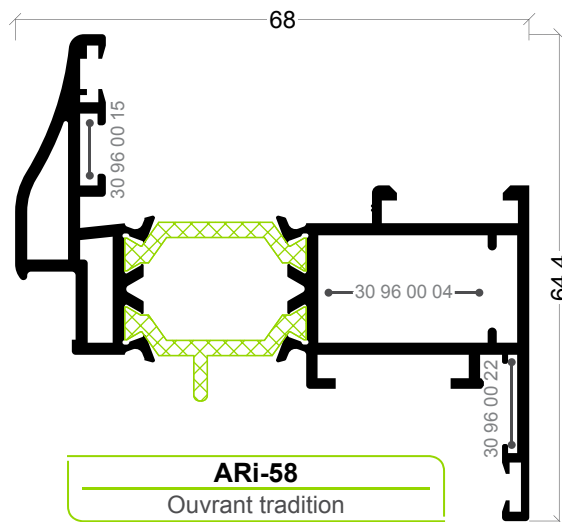
ARi-36
Ouvrant



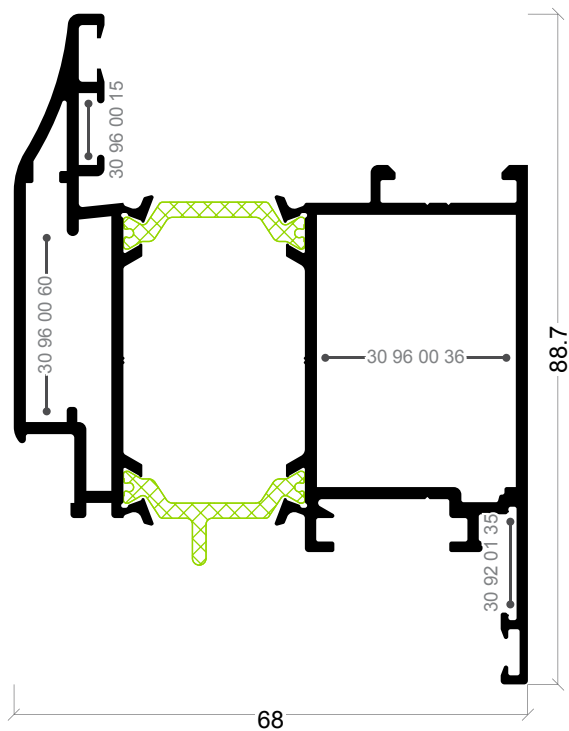
ARi-05
Ouvrant



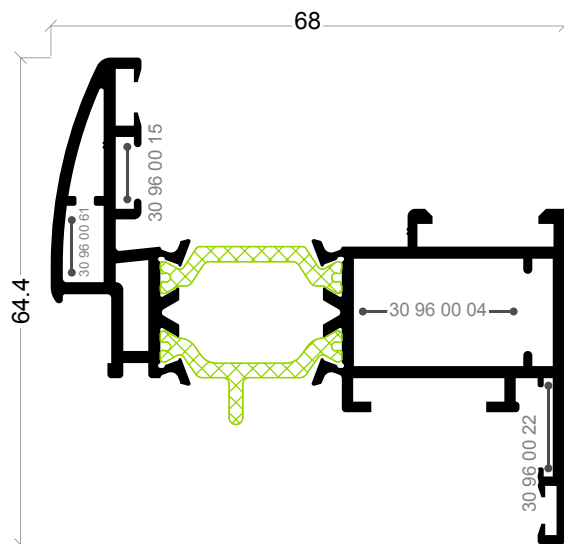
ARi-10
Ouvrant



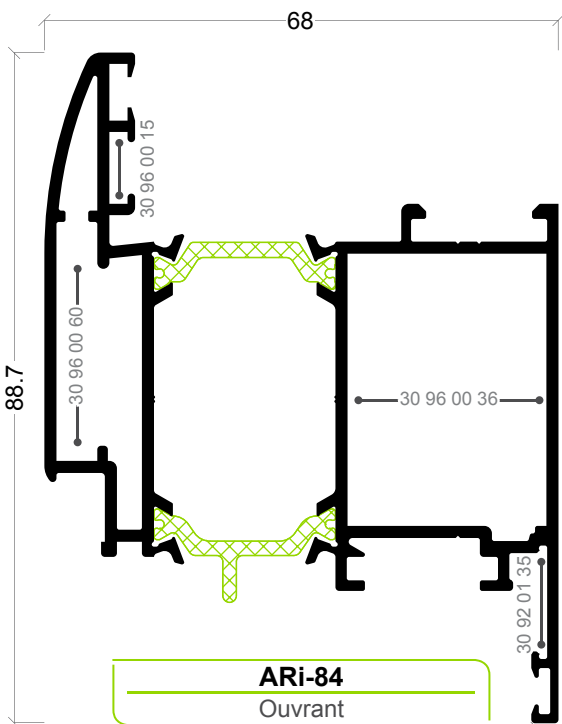
ARi-58
Ouvrant tradition



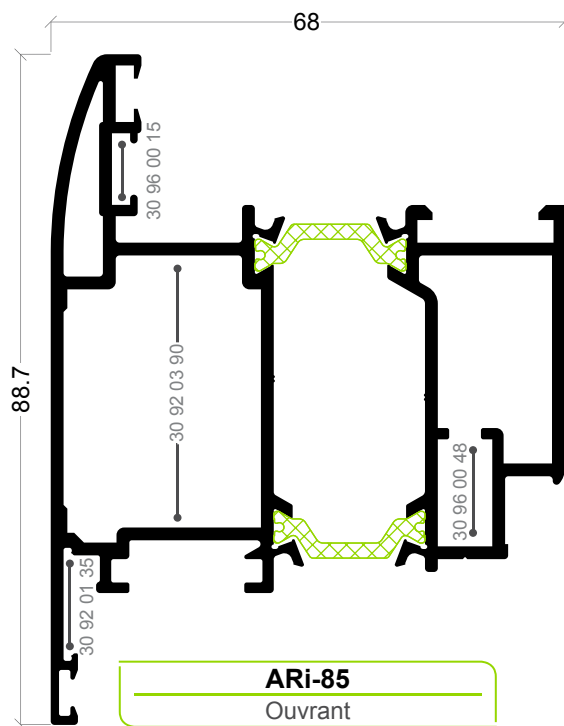
ARI-60
Ouvrant tradition



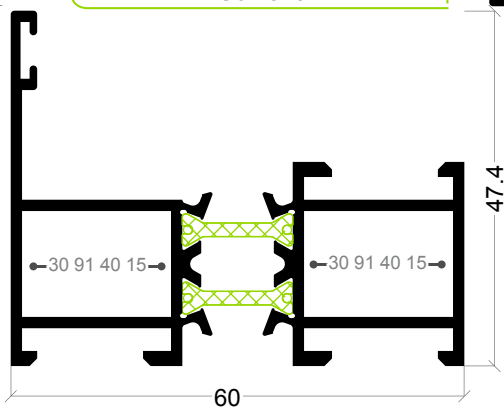
ARI-83
Ouvrant



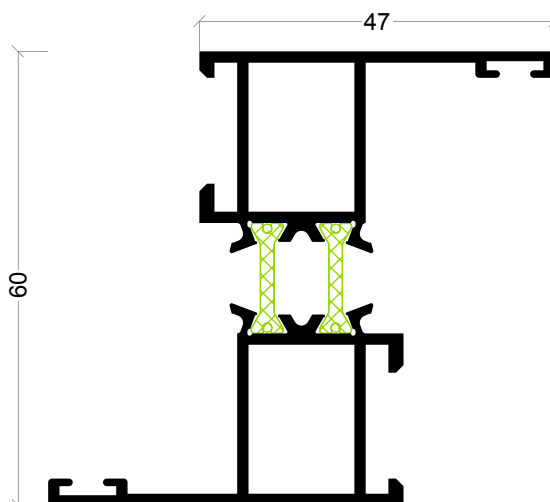
ARI-84
Ouvrant



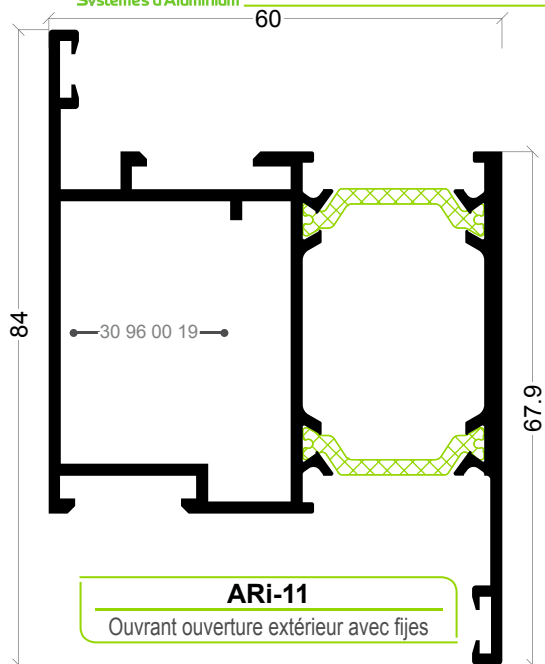
ARI-85
Ouvrant



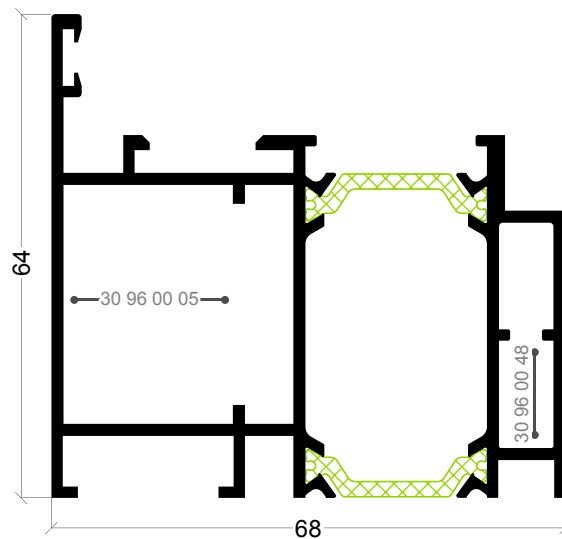
ARI-38
Dormant ouverture à l'italienne



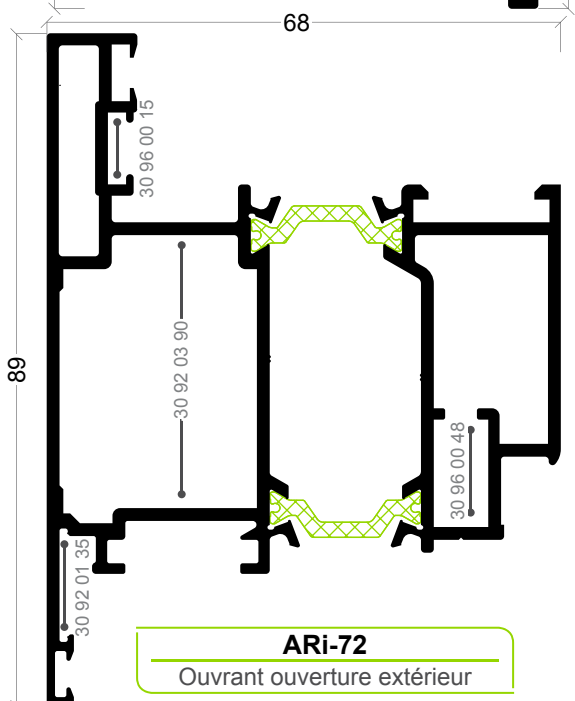
ARI-39
Dormant ouverture à l'italienne



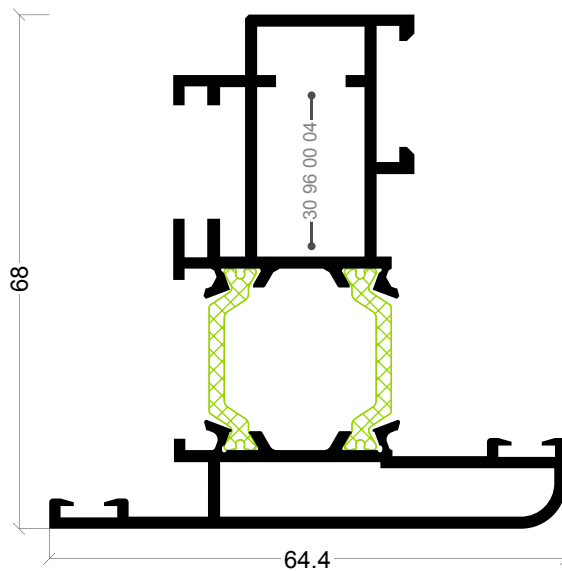
ARi-11
Ouvrant ouverture extérieure avec fijes



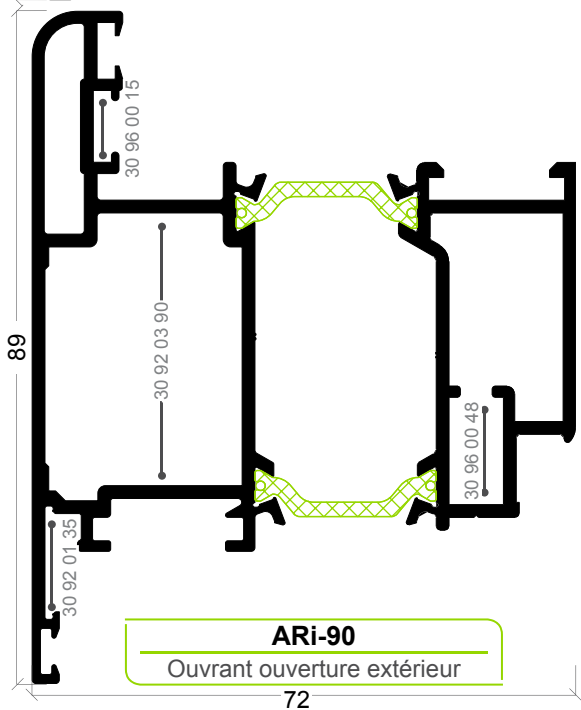
ARi-09
Ouvrant ouverture extérieure ARi-25



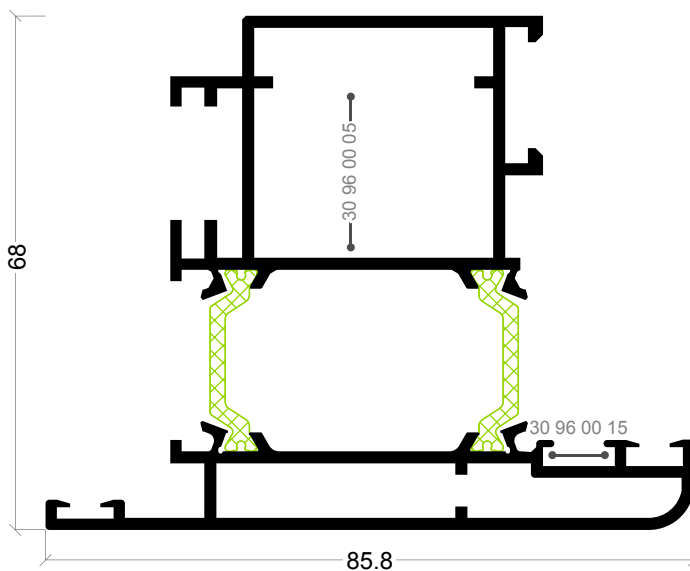
ARi-72
Ouvrant ouverture extérieur



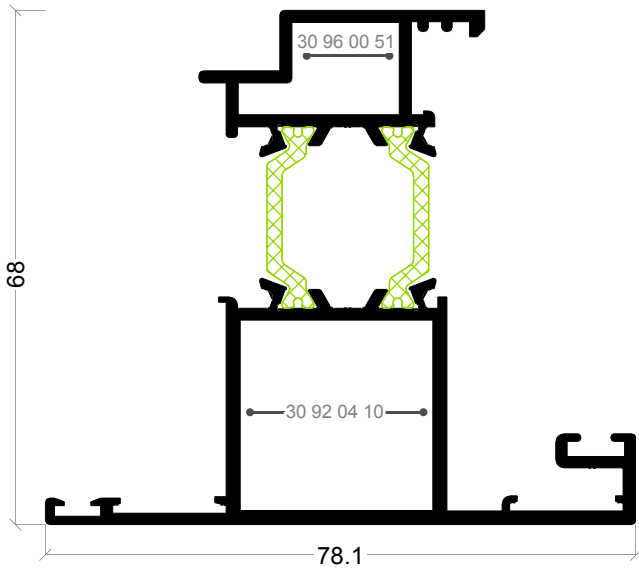
ARi-02
Ouvrant pivotant



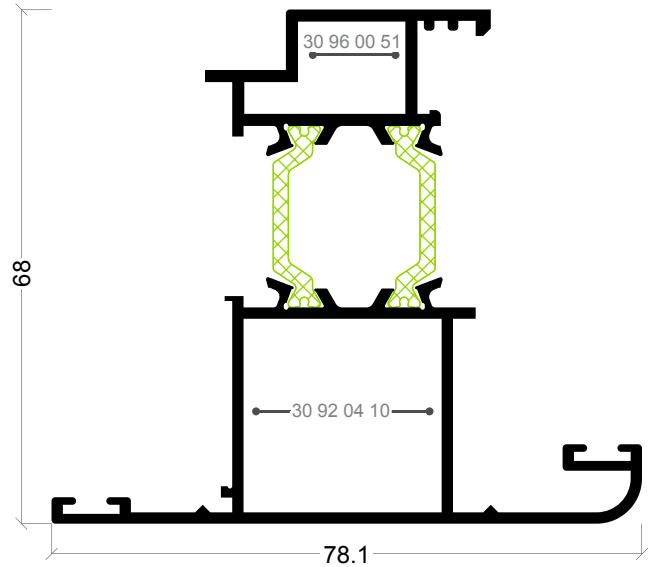
ARi-90
Ouvrant ouverture extérieur



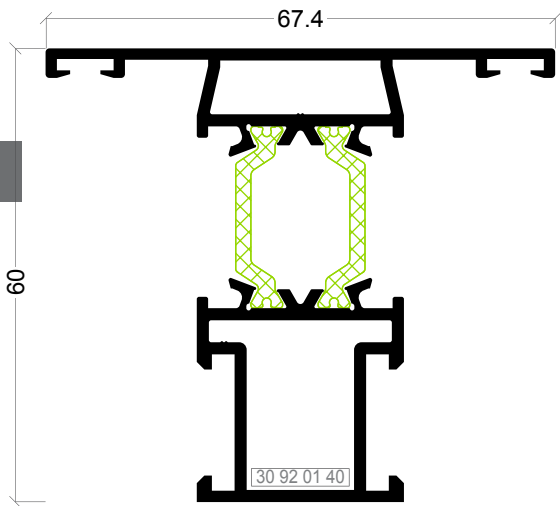
ARi-25
Ouvrant ouv. extérieur ou pivotant



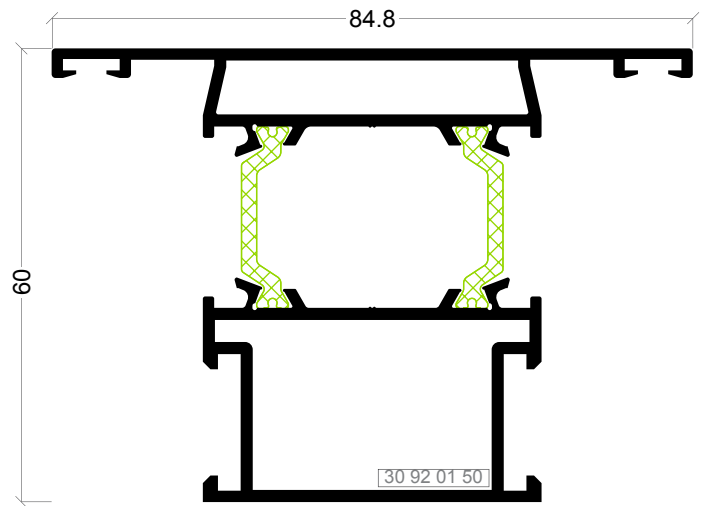
ARi-95
Ouvrant ouverture à l'italienne



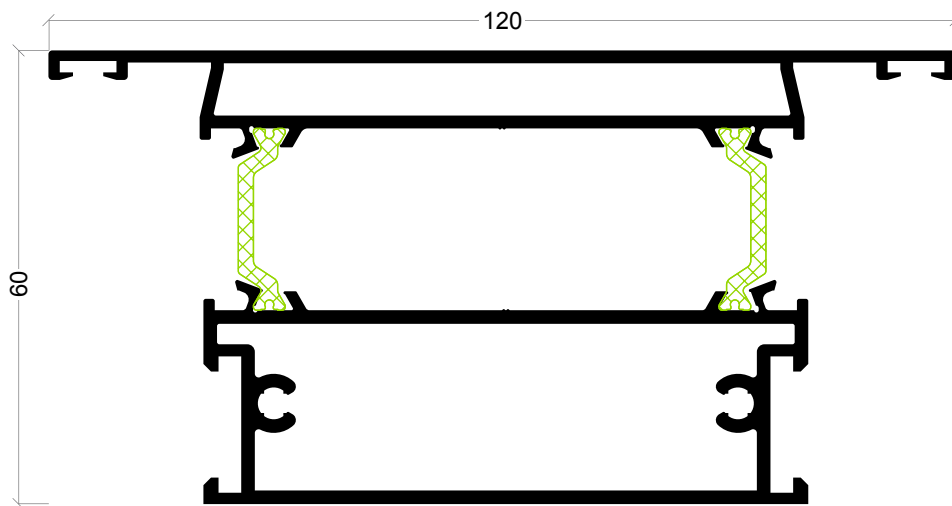
ARi-07
Ouvrant ouverture à l'italienne



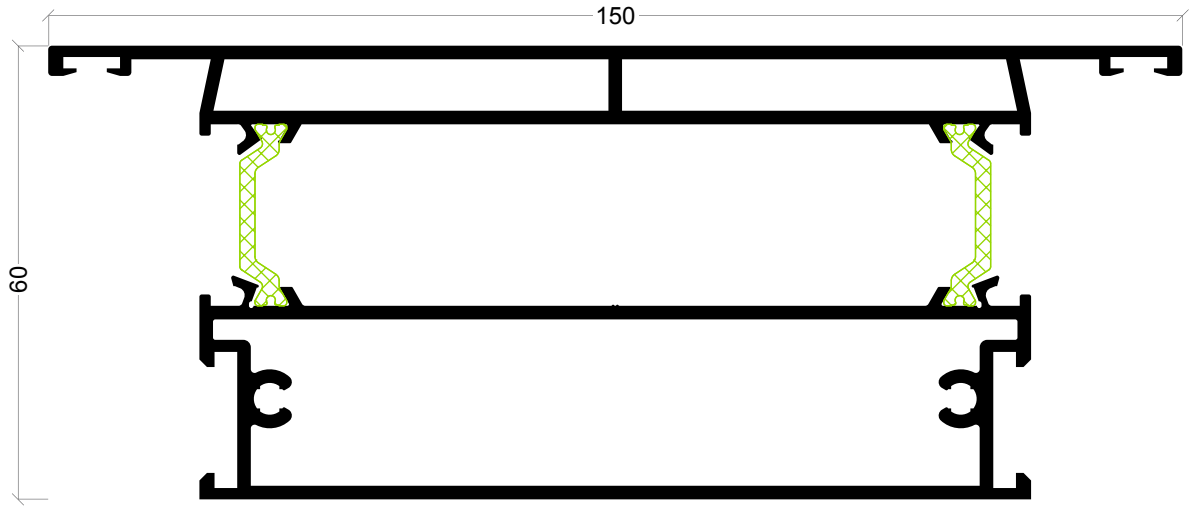
ARi-01
Traverse



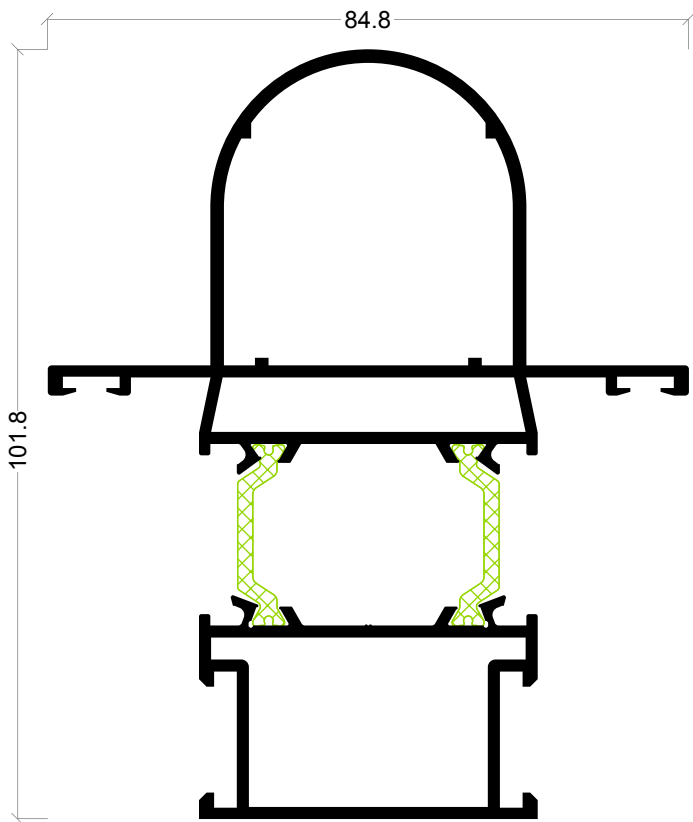
ARi-06
Traverse



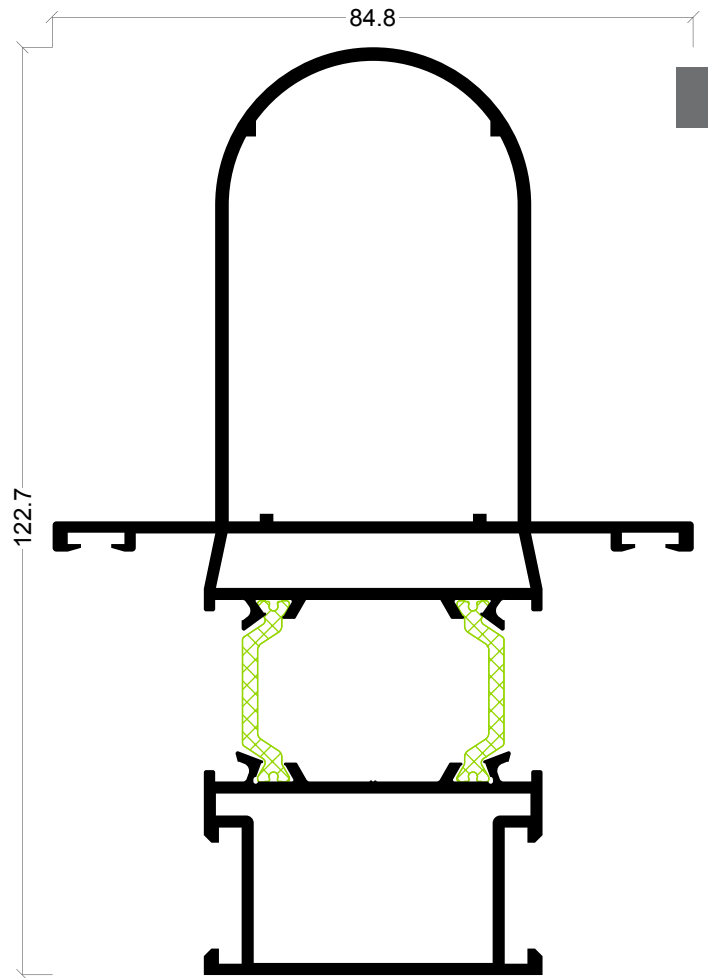
ARi-12
Traverse 120x60mm



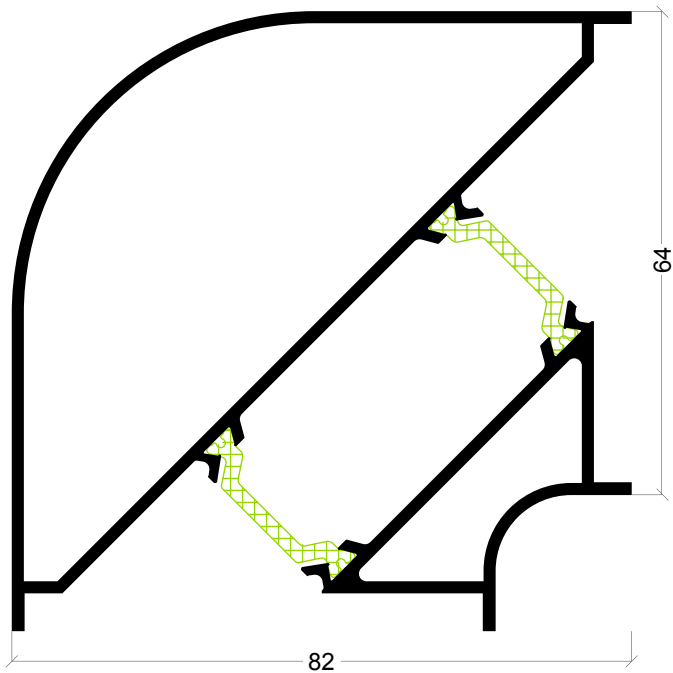
ARi-13
Traverse 150x60mm



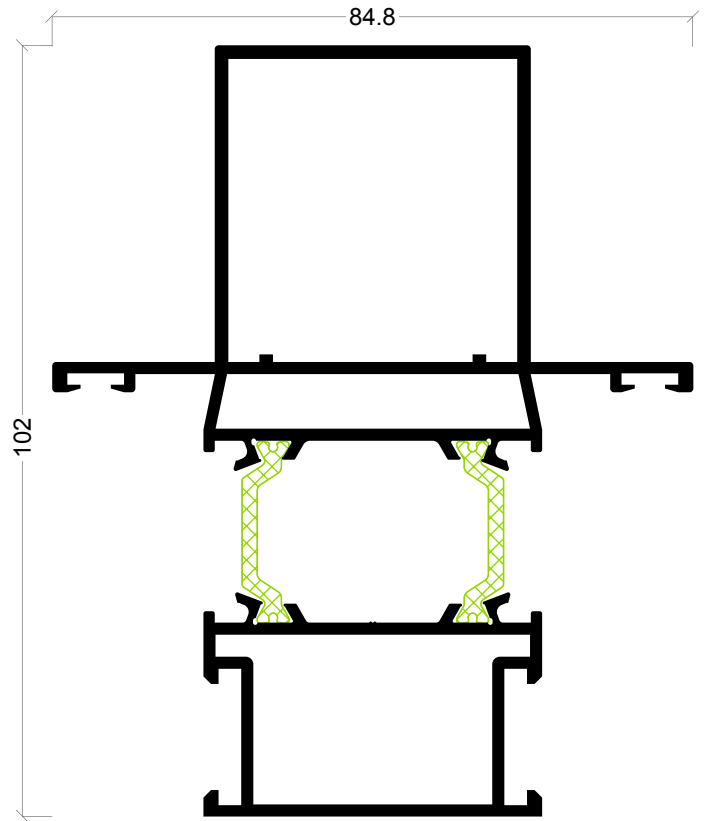
ARi-17
Meneau renforcé incurvé



ARi-18
Meneau renforcé incurvé

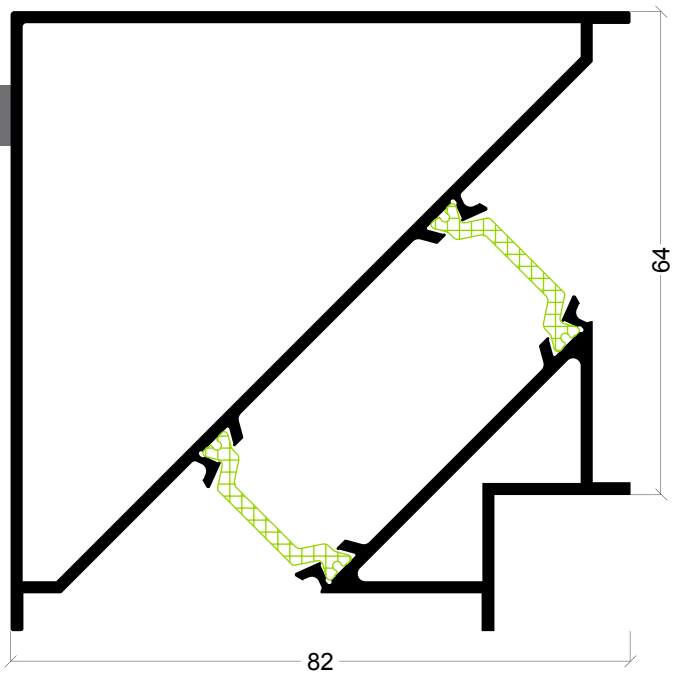


ARi-16
Profilé d'angle 90° incurvé

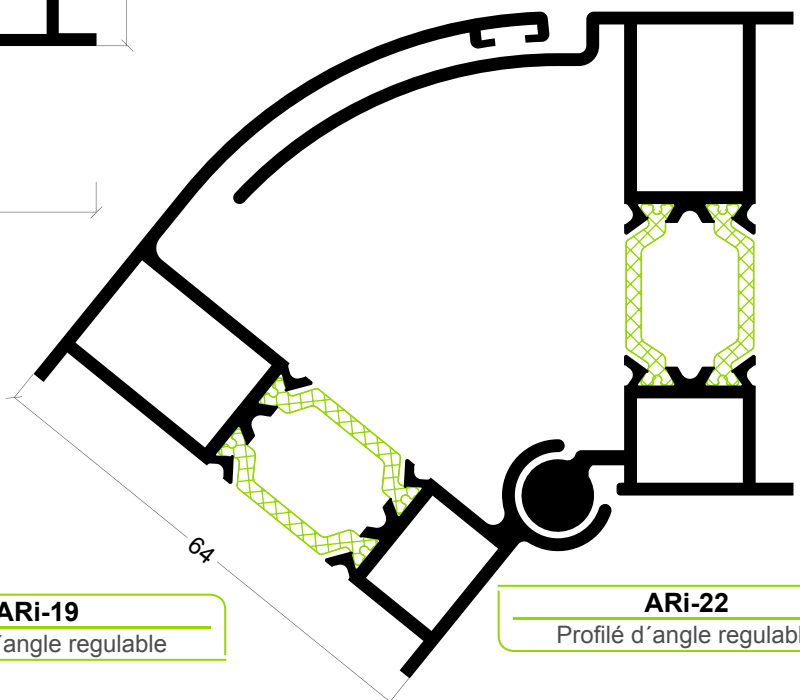


ARi-79
Meneau renforcé droit

72

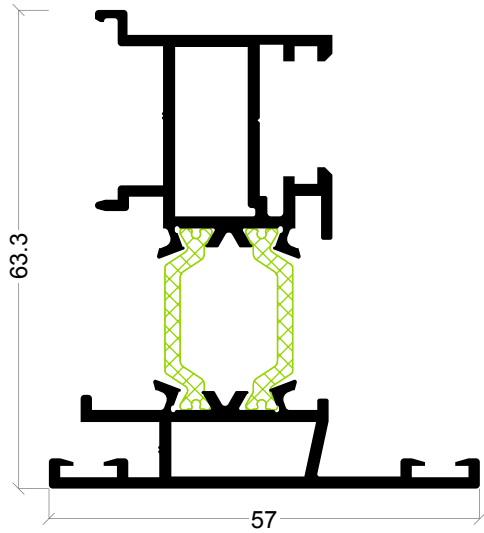


ARi-64
Profilé d'angle 90° droit

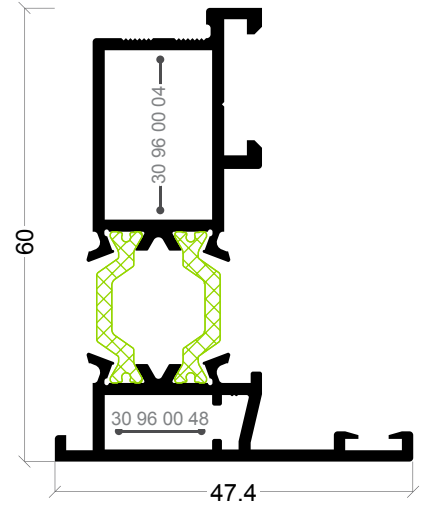


ARi-19
Profilé d'angle regulable

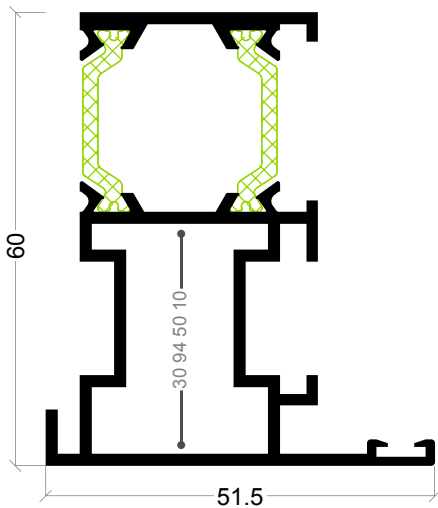
ARi-22
Profilé d'angle regulable



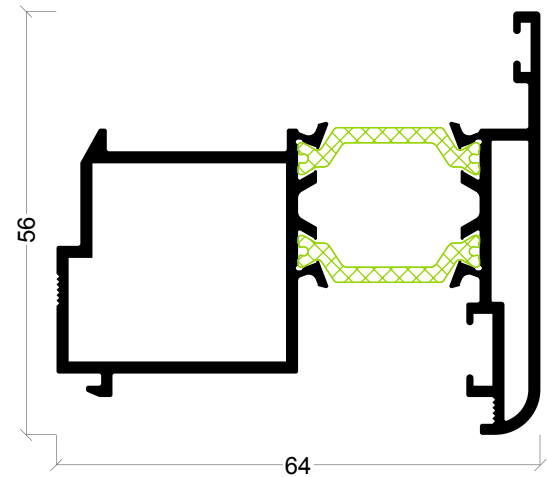
ARi-04
Battement



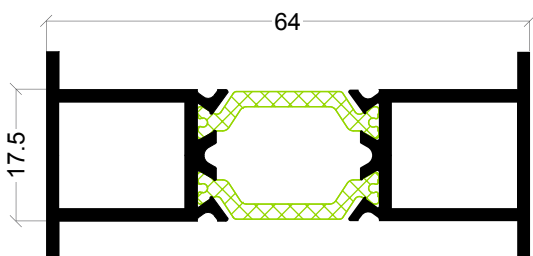
ARi-73
Battement sens d'ouverture



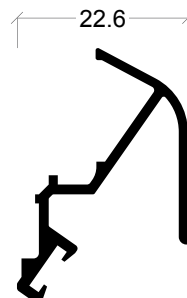
ARi-14
Battement pivotant



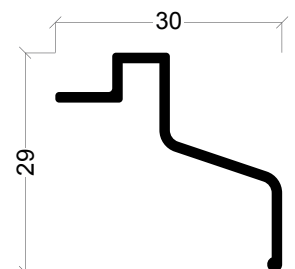
ARi-51
Battement ouverture à l'italienne



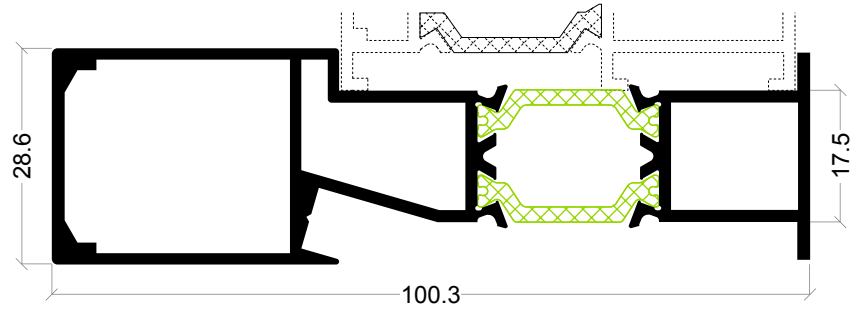
ARi-21
Union dormants



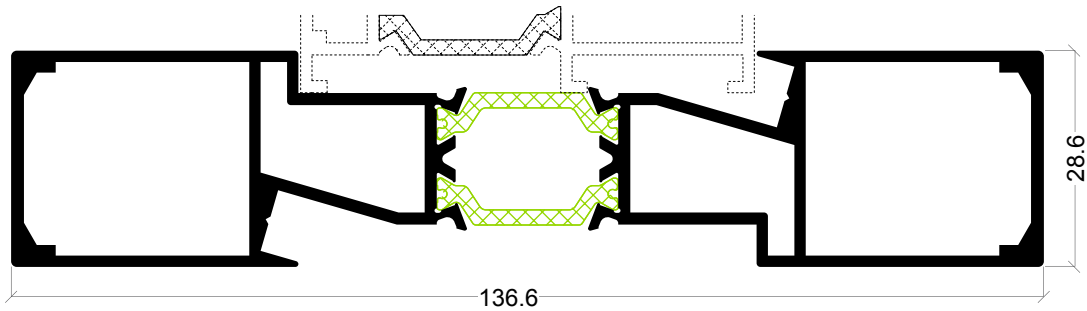
ARi-62
Rejet d'eau inférieur porte



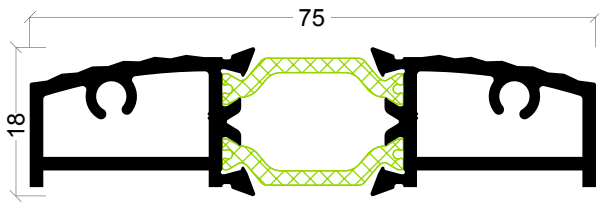
AXi-45
Rejet d'eau



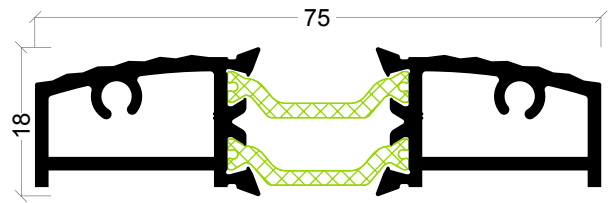
ARi-65
Union dormants avec renforcement



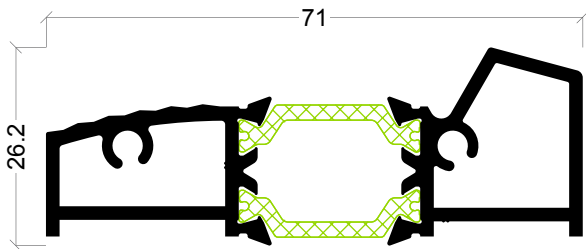
ARi-67
Union dormants avec renforcement



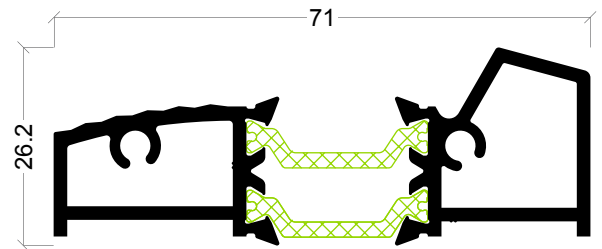
ATi-69
Finition inférieur porte



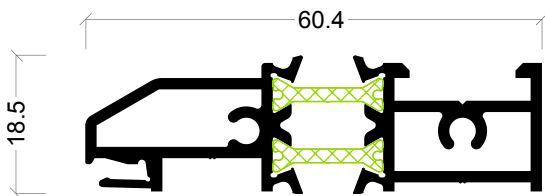
ATi-69 P.Inv.
Finition inférieur porte



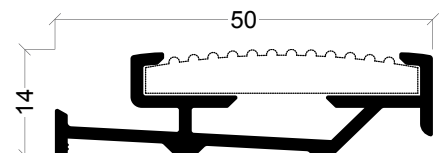
ARi-63
Finition inférieur porte



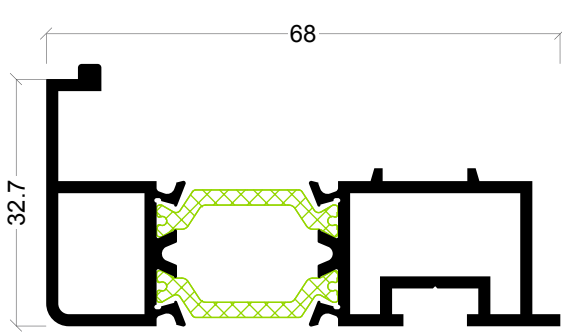
ARi-63 P.Inv.
Finition inférieur porte



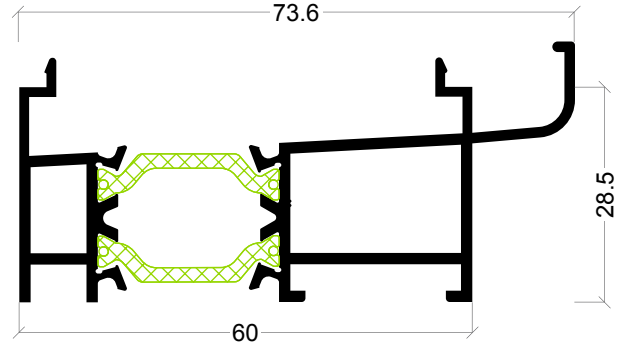
ARi-96
Finition inférieur



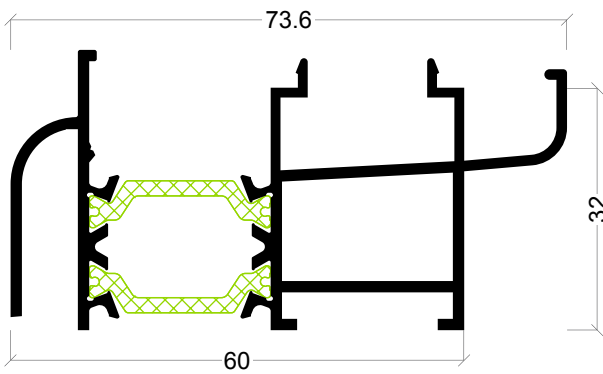
AZ-69
Finition inférieur porte



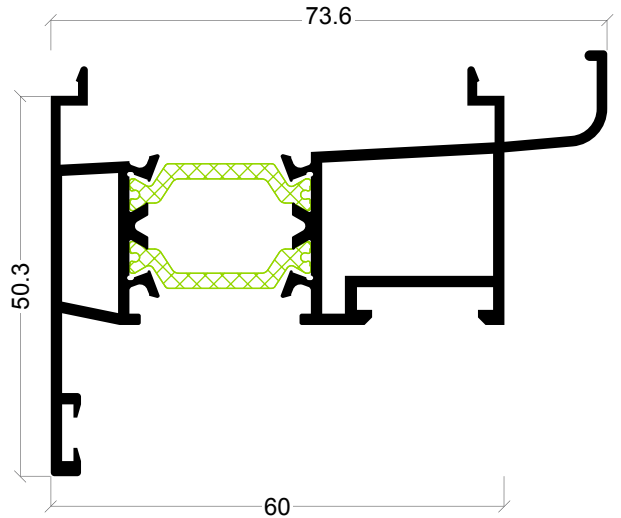
ARi-23
Finition coussin



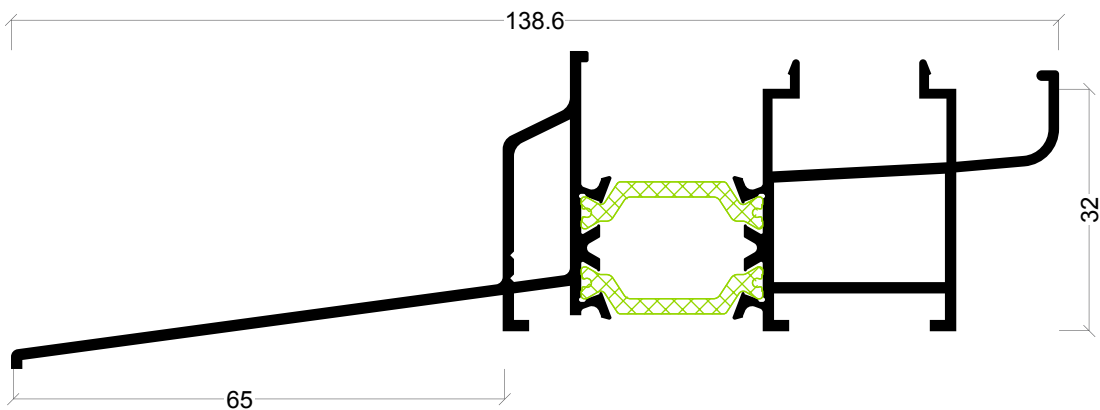
CT-11
Sueil condensation



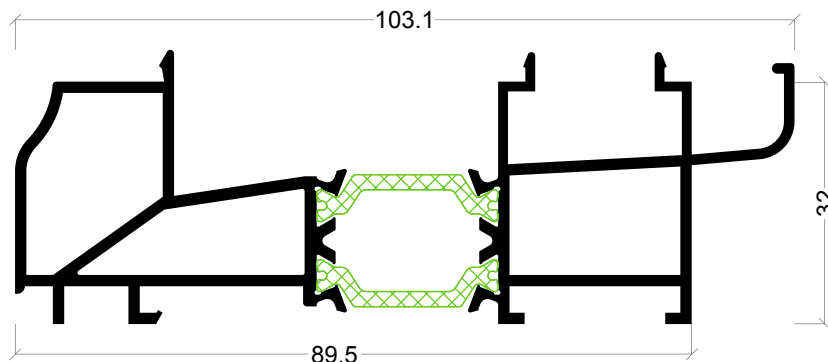
ARi-49
Sueil condensation



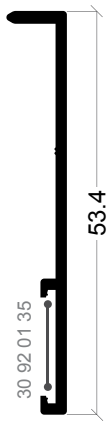
ARi-20
Sueil condensation avec fixe inférieur



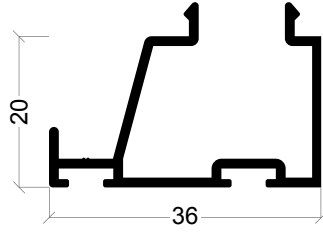
ARi-50
Sueil condensation avec rejet d'eau



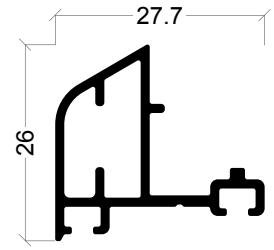
ARi-56
Sueil condensation tradition



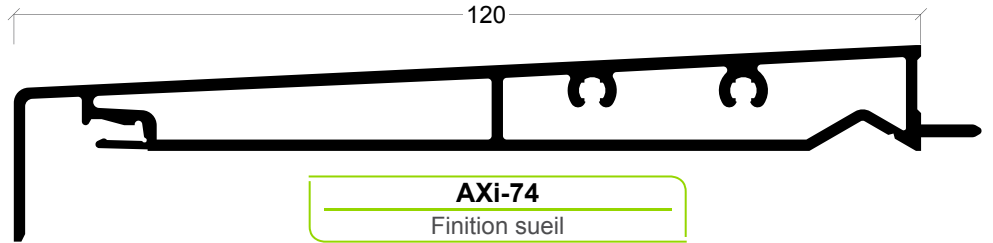
AXi-91
Complément finition



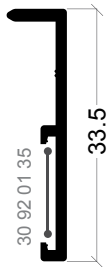
AX-15
Parclose finition



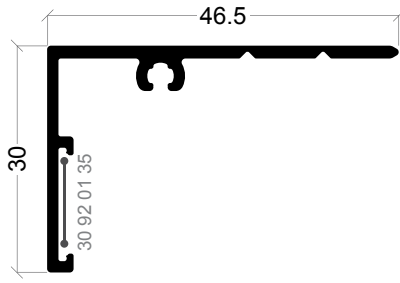
AZ-79
Rejet d'eau



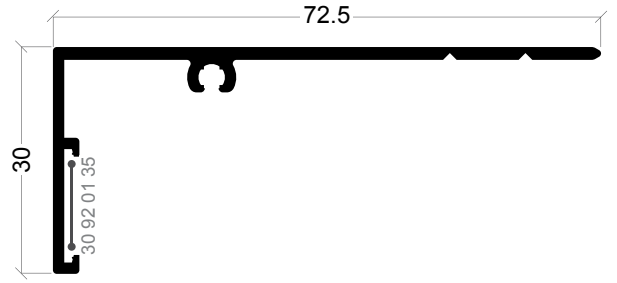
AXi-74
Finition seuil



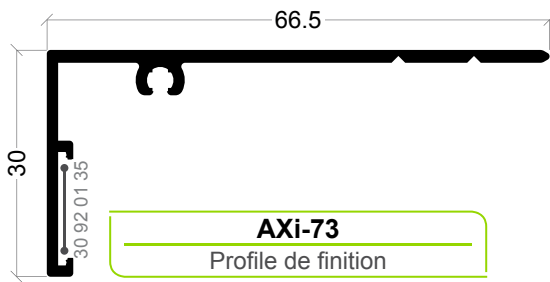
AXi-88
Complément finition



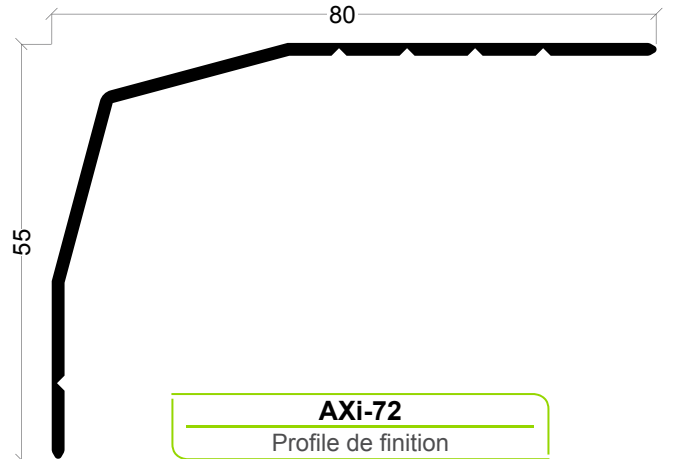
AXi-80
Profile de finition



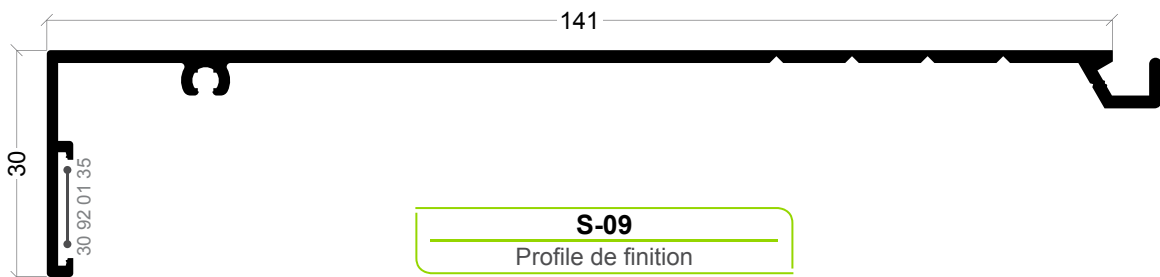
AXi-83
Profile de finition



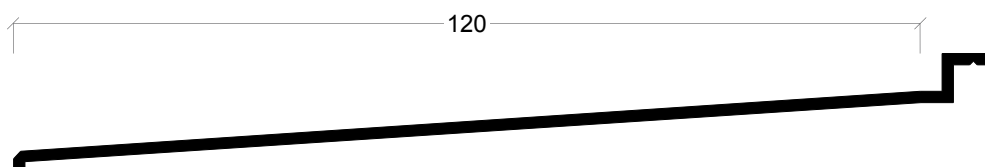
AXi-73
Profile de finition



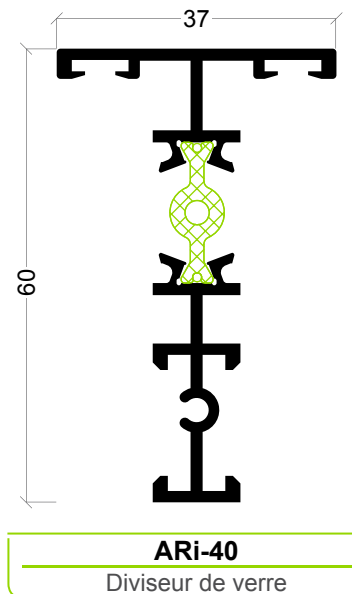
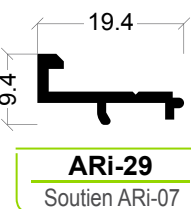
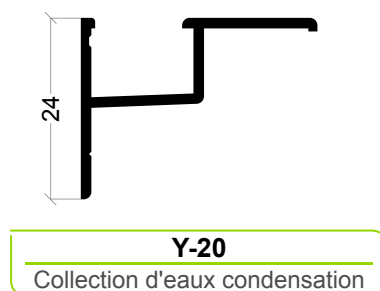
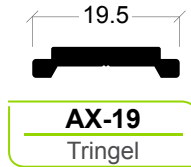
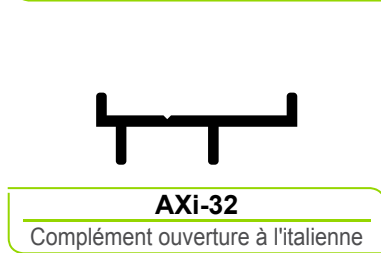
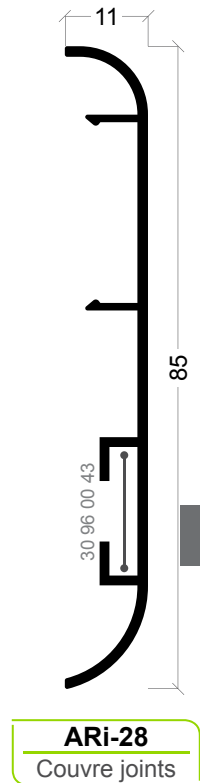
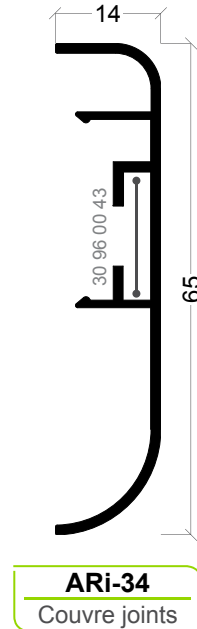
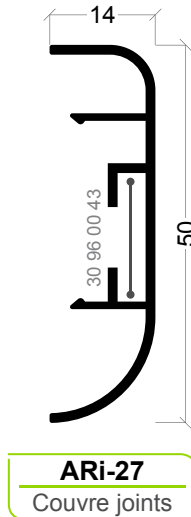
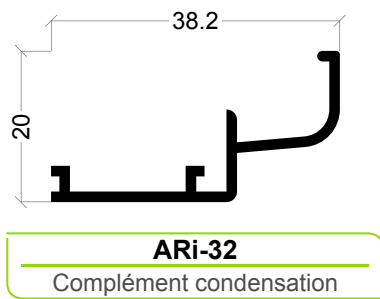
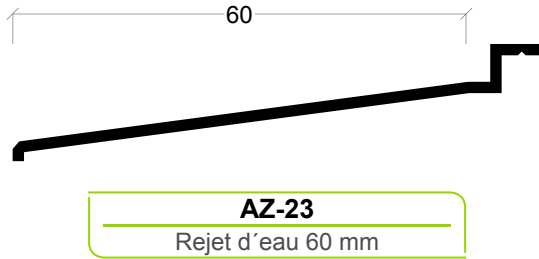
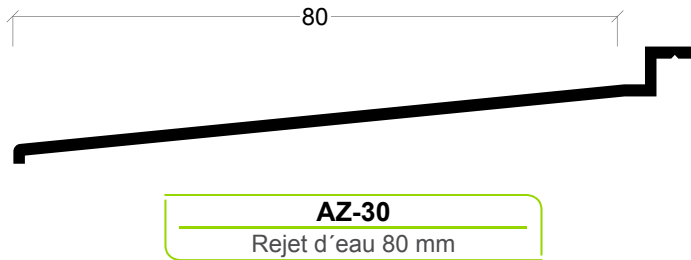
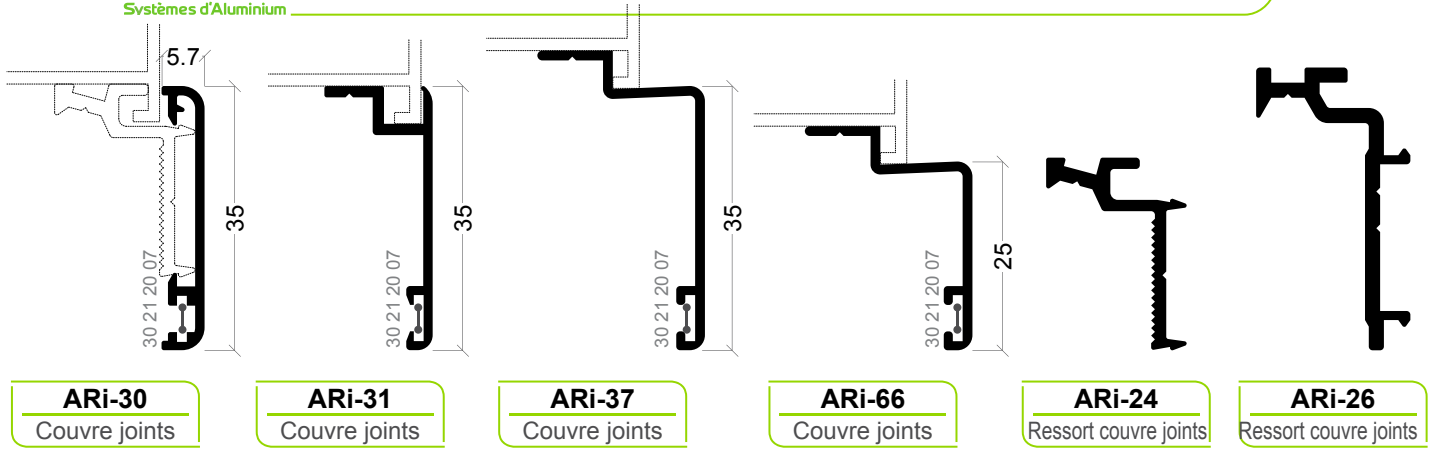
AXi-72
Profile de finition

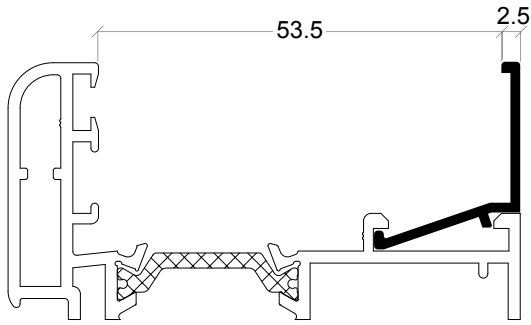


S-09
Profile de finition

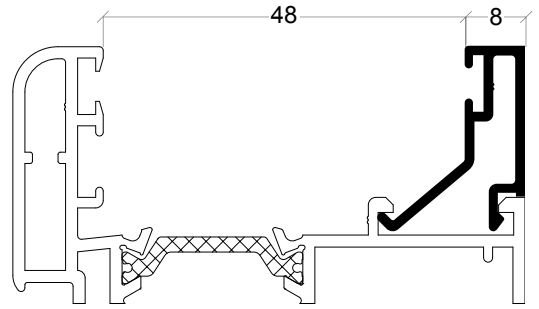


AZ-24
Rejet d'eau 120 mm

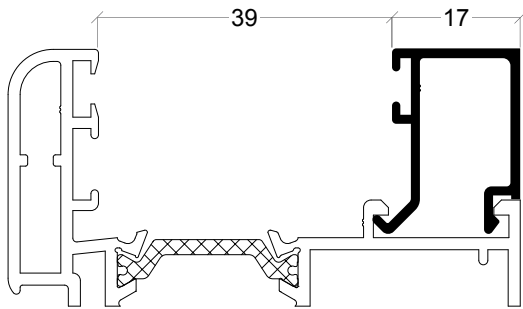




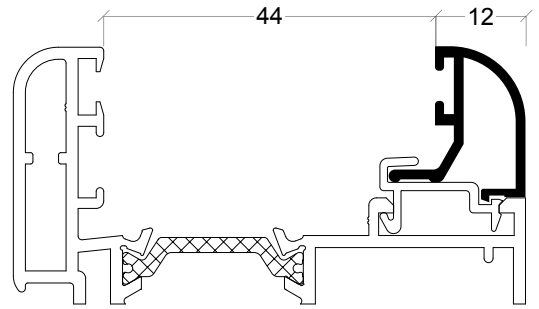
AX-69



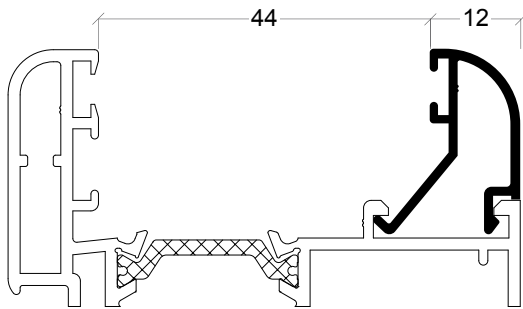
AX-74



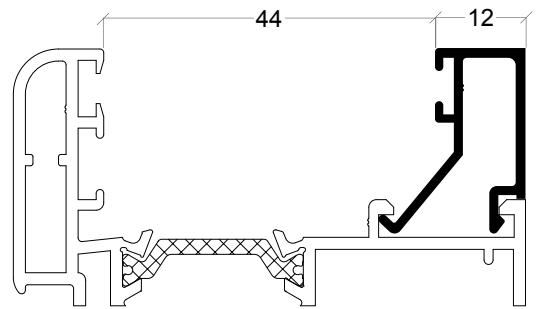
AX-46



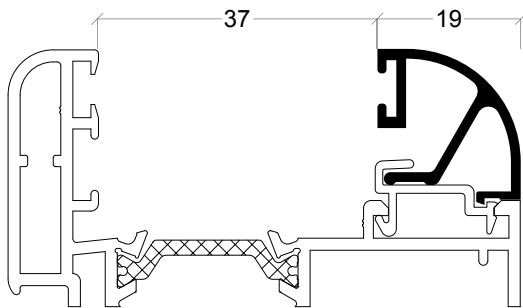
AX-37



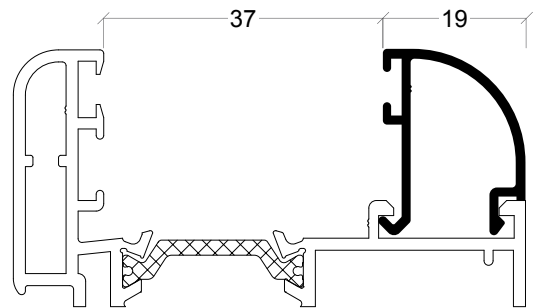
AZ-08



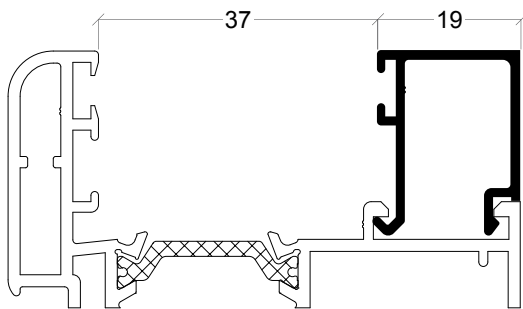
AX-36



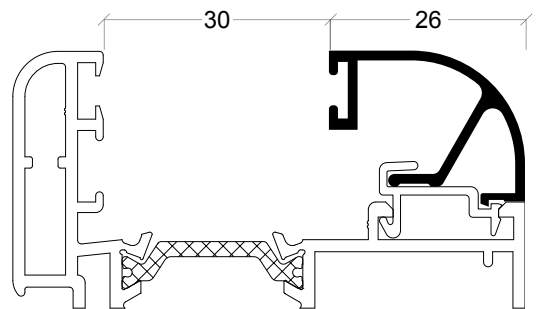
AX-30



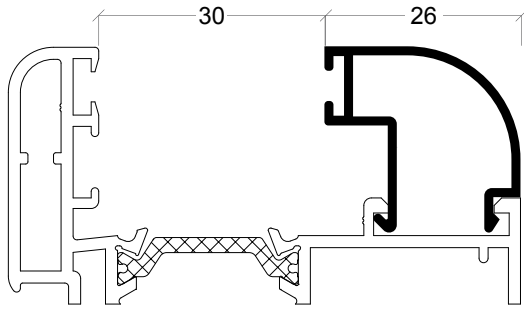
AZ-07



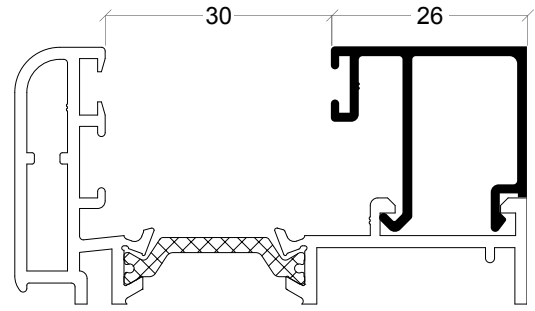
AX-35



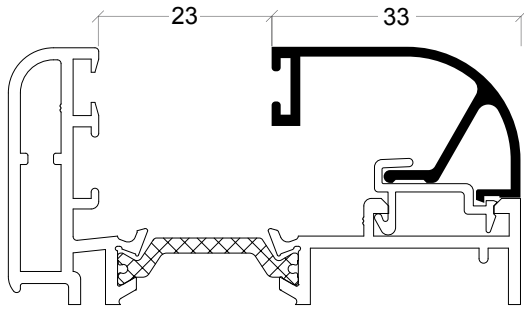
AX-29



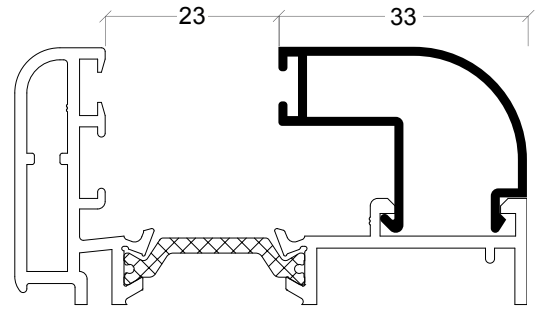
AZ-06



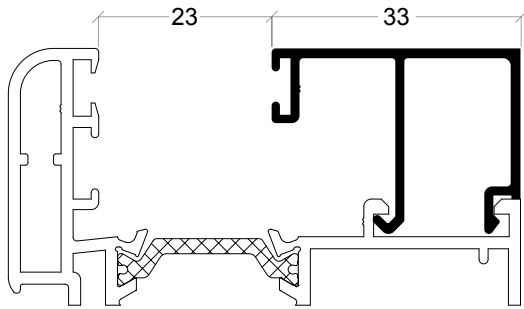
AX-31



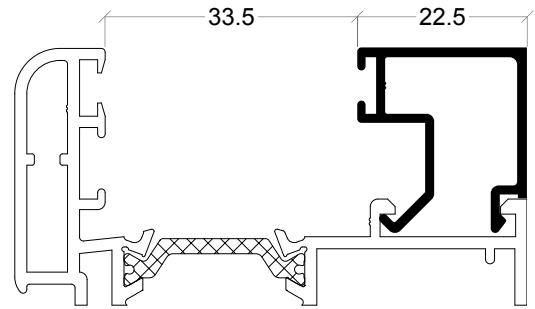
AX-39



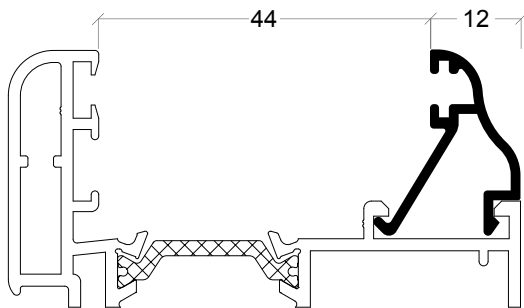
AZ-28



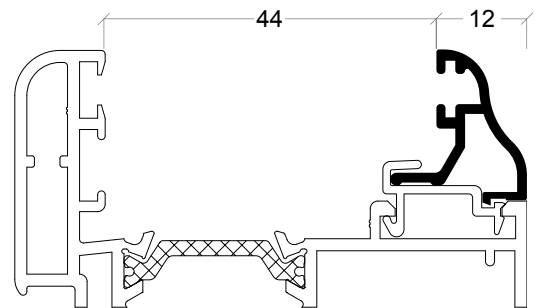
AX-34



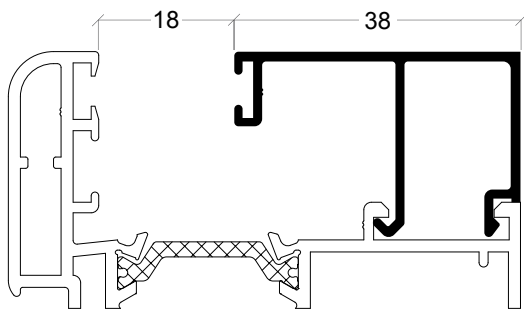
AX-78



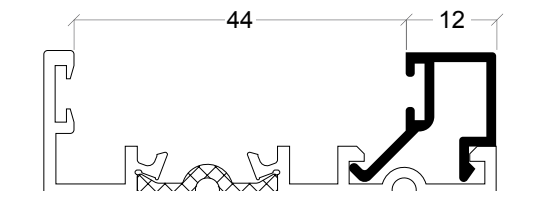
AX-73



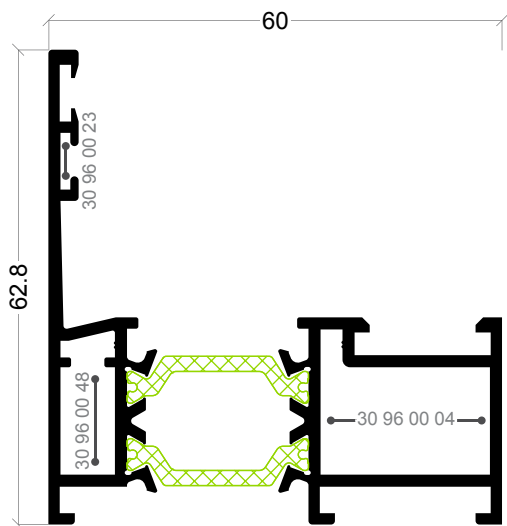
AX-72



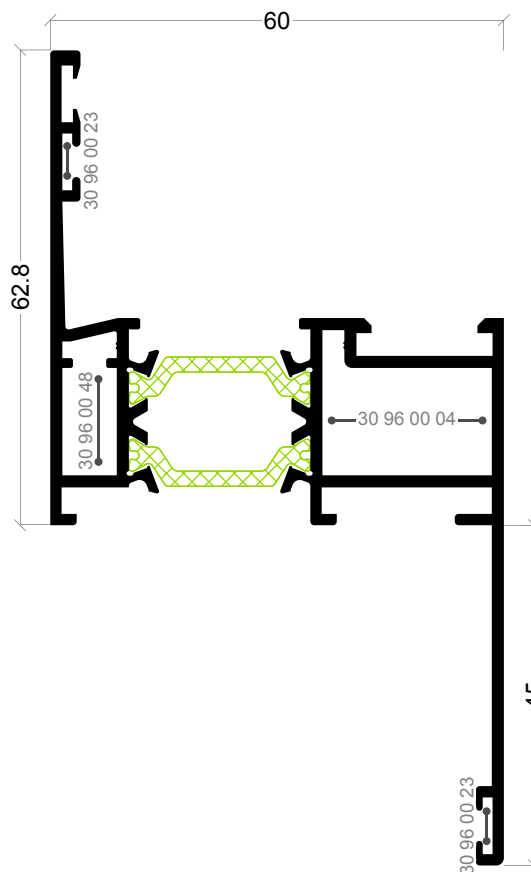
AX-32



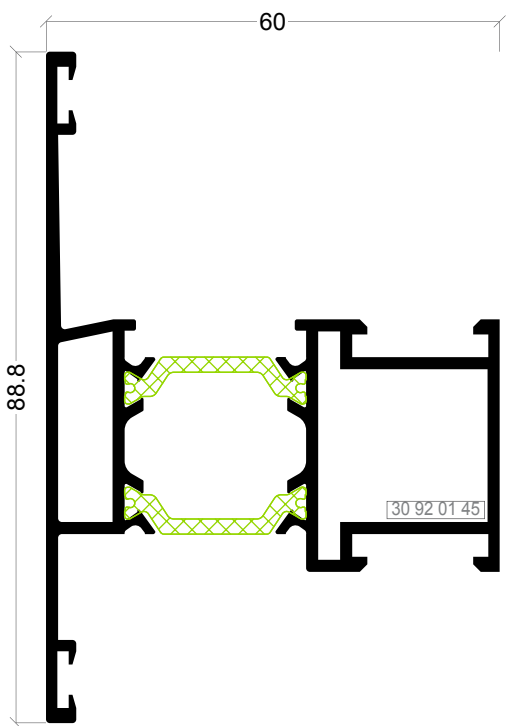
AX-70



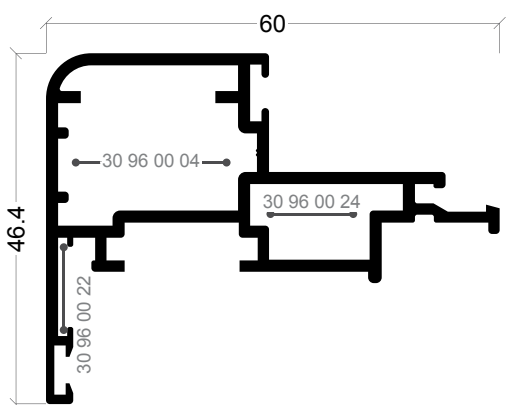
ARi-43
Dormant ouvrant caché



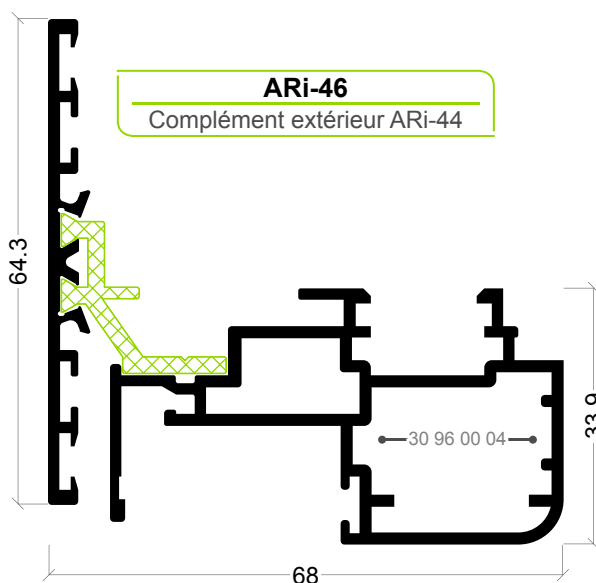
ARi-42
Dormant ouvrant caché



ARi-41
Traverse ouvrant caché

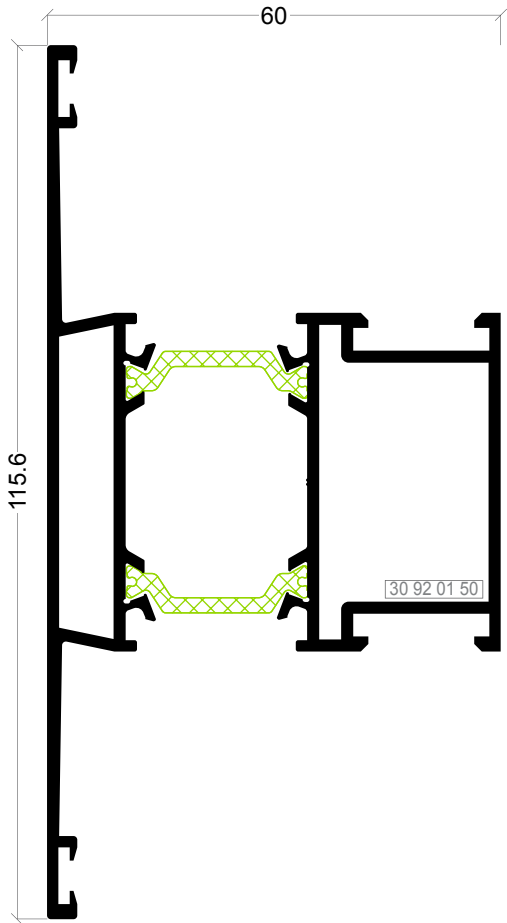


ARi-45
Ouvrant ouvrant caché

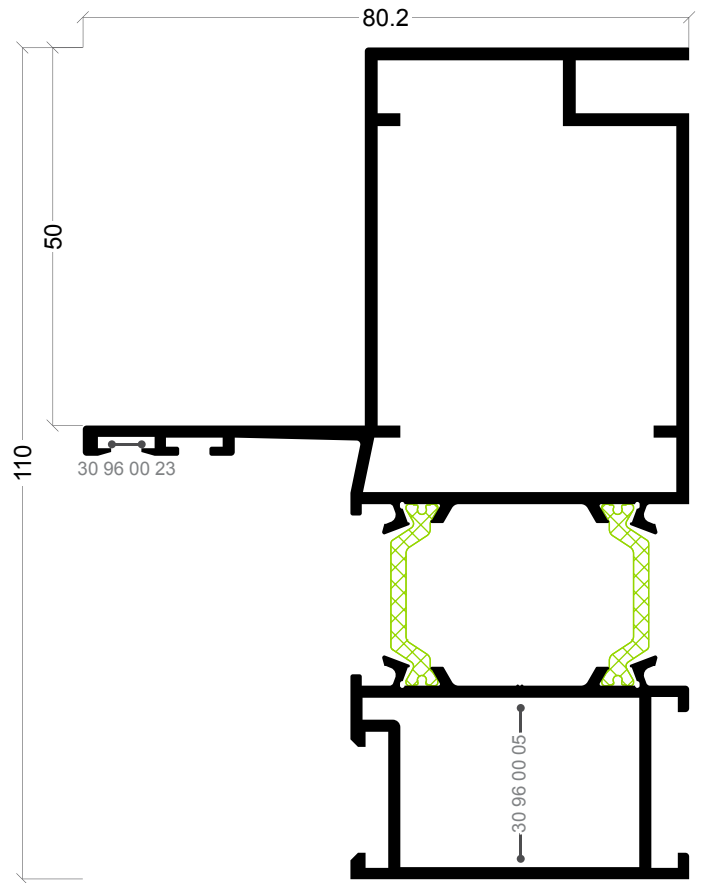


ARi-44
Ouvrant battement caché

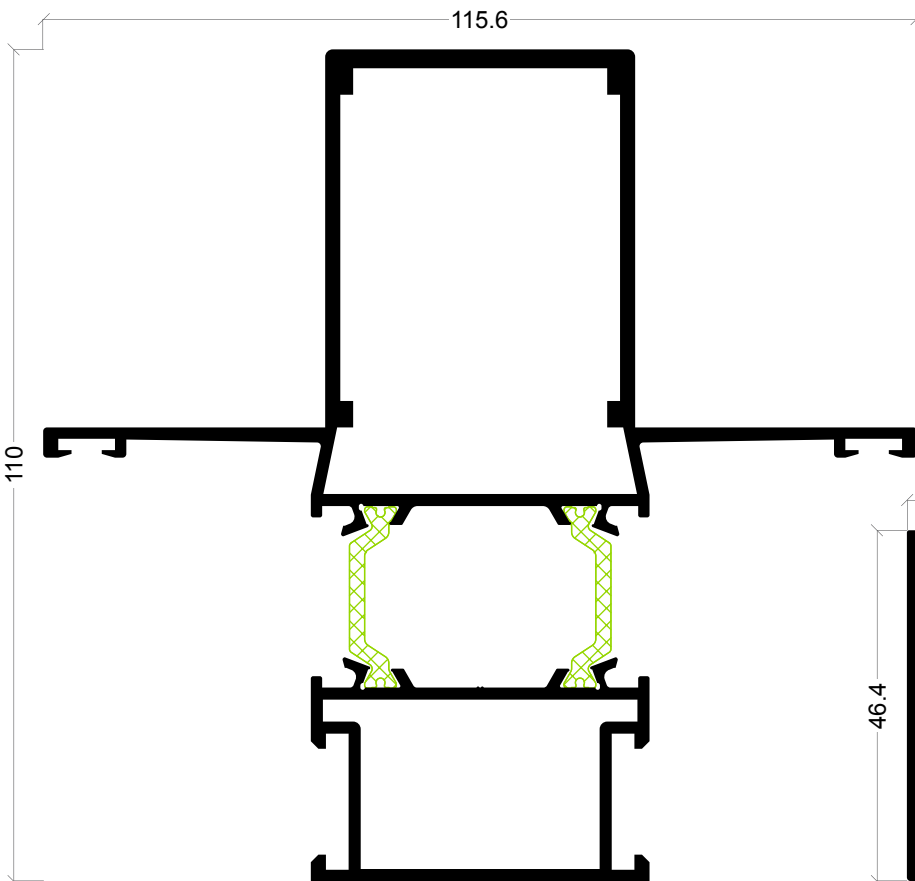
ARi-46
Complément extérieur ARi-44



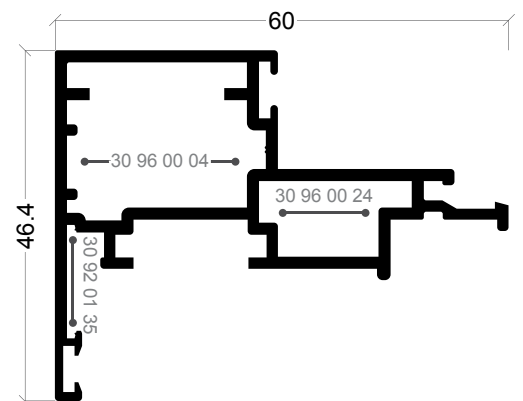
ARi-70
Traverse



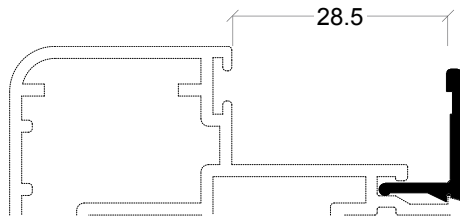
ARi-55
Dormant Meneau



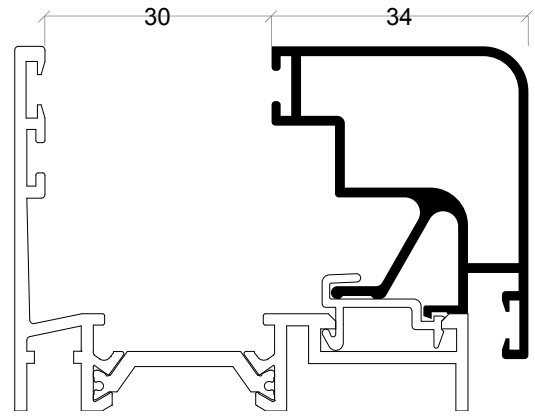
ARi-54
Meneau ouvrant caché droit



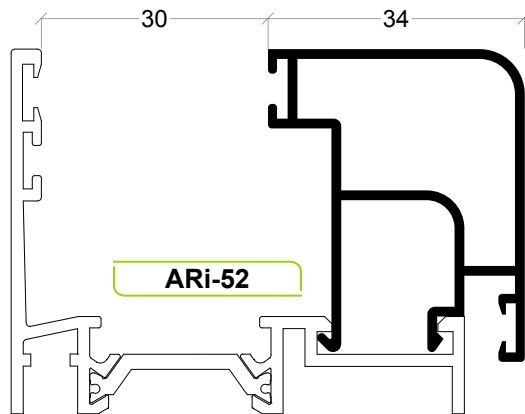
ARi-71
Ouvrant vantaux 1 panneaux ou 1 panneau + fije



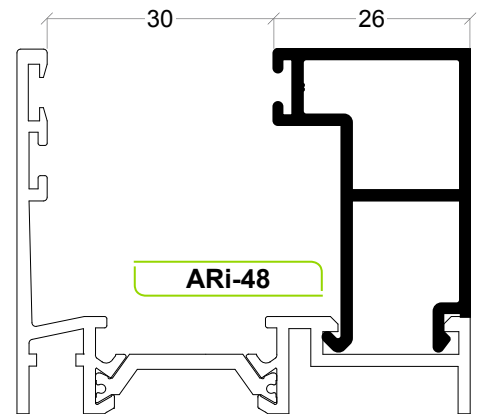
ARi-47



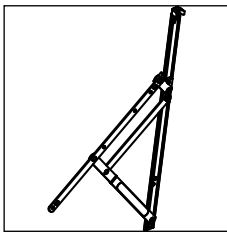
ARi-53



ARi-52

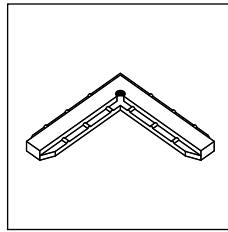


ARi-48



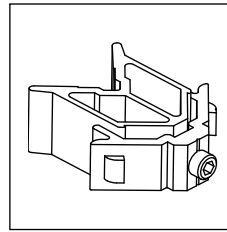
30 00 95 71

Compas ouverture à l'italienne
glissant jusqu'à 100kg/vantail



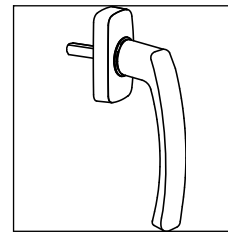
30 21 20 07

Equerre d'alignement



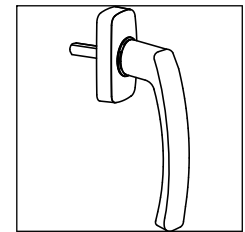
30 60 00 03

Equerre intérieur ARi-93



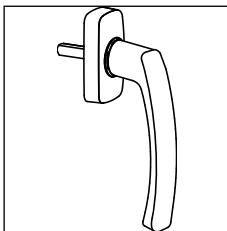
30 60 16 40/41

Poignée d'aluminium
blanc/noir



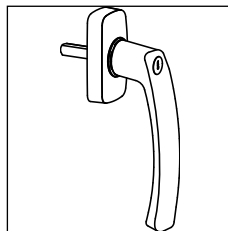
30 60 16 42/43

Poignée d'aluminium
2ac/ champ ac



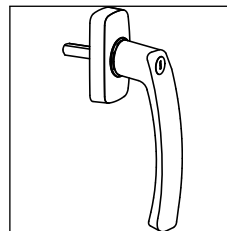
30 60 16 44

Poignée d'aluminium
inox ac



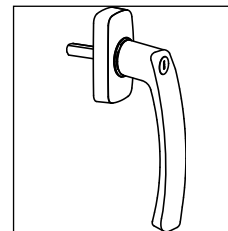
30 60 16 45/46

Poignée d'aluminium
avec clé blanc/noir



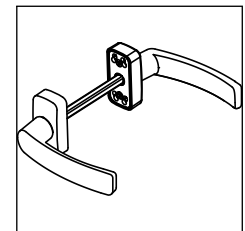
30 60 16 47/48

Poignée d'aluminium
avec clé 2 ac/champ ac



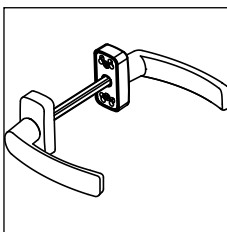
30 60 16 49

Poignée d'aluminium
avec clé 2 inox ac



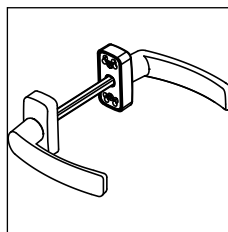
30 60 16 49

Double poignée
d'aluminium blanc/noir



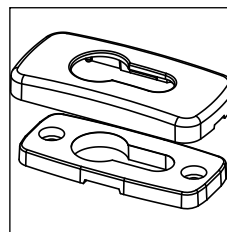
30 60 16 52/53

Double poignée
d'aluminium ac/champ ac



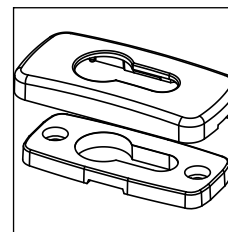
30 60 16 54

Double poignée
d'aluminium inox ac



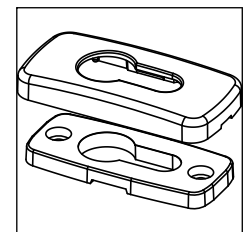
30 60 16 55/56

Miroir d'aluminium p/
cylindre blanc/noir



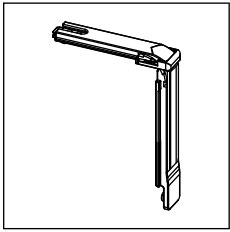
30 60 16 57/58

Miroir d'aluminium p/
cylindre champ ac



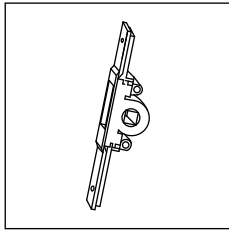
30 60 16 59

Miroir d'aluminium p/
cylindre inox ac



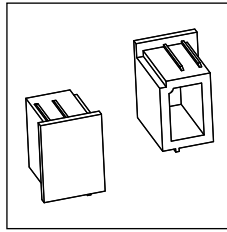
30 90 20 42

Angle de transfert



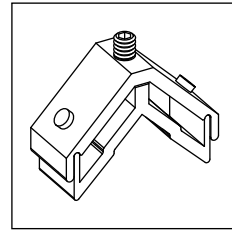
30 90 20 44

Transmission pour
ouverture extérieure



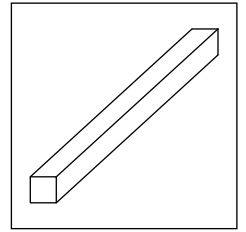
30 91 21 20

Haute condensation Y-20



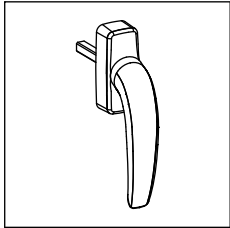
30 91 40 15

Equerre dormant ARi-38



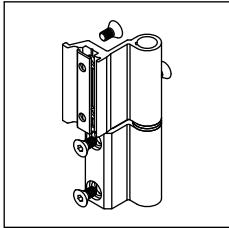
30 91 41 23

Boulon 7x131 mm



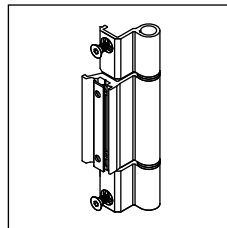
30 91 41 47/48

Poignée pivotant spécial
blanc/noir



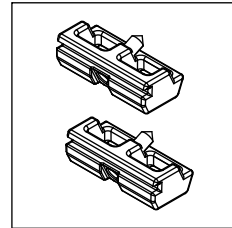
30 92 00 20/21

Charnière CE blanc/noir



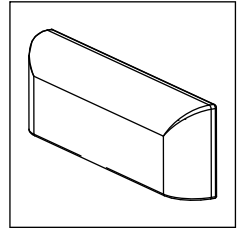
30 92 00 27/28

Charnière trois noeuds
(blanc/noir)



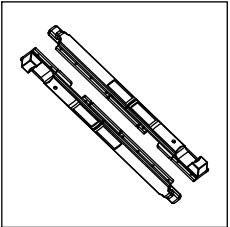
30 92 00 50

Complément serrure CE



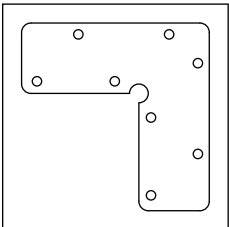
30 92 01 00/01

Gouttières noir/blanc



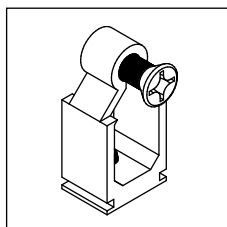
30 92 01 20

Jeux fermeture CE



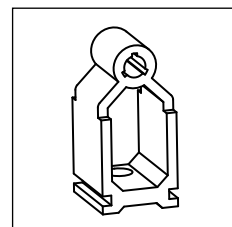
30 92 01 35

Equerre d'alignement
ouvrant



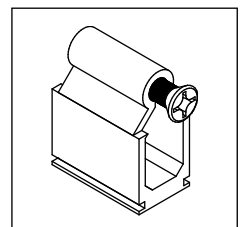
30 92 01 40

Union de hautes fenêtre



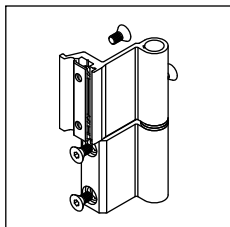
30 92 01 45

Union de hautes fenêtre
ouvrant caché



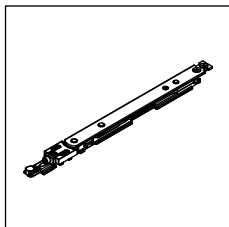
30 92 01 50

Union de hautes porte



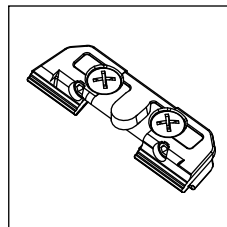
30 92 01 70/80

Charnière 3 vantaux
blanc/noir



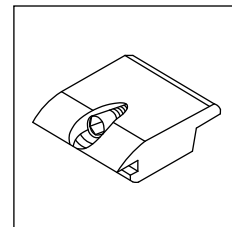
30 92 02 10/11/12

Compás oscilo
300/400/500



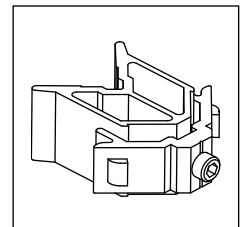
30 92 02 15

Fermeture pour
microventilation



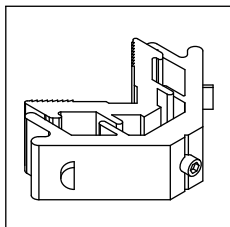
30 92 02 60

Soutien vantail



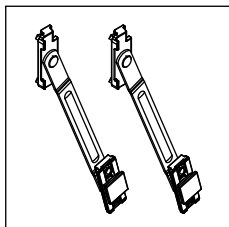
30 92 03 90

Equerre porte



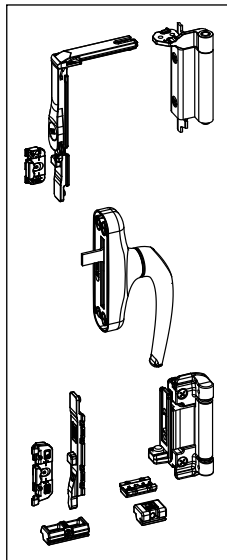
30 92 04 25

Equerre ARi-80



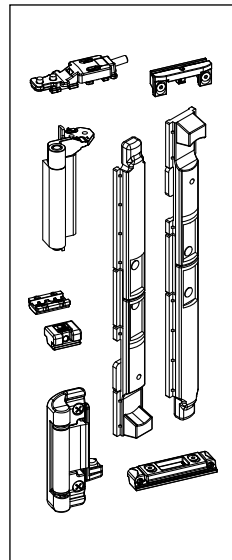
30 92 04 75

Jeux compás inclinable



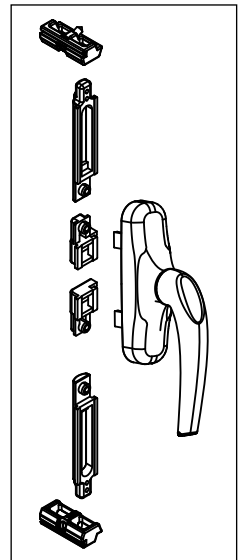
30 92 02 20/21

Kit oscillo-battante blanc/
noir



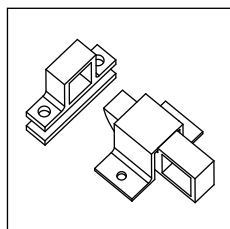
30 92 02 24/25

Kit 2^{ème} vantaile OB
blanc/noir



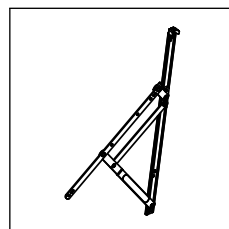
30 92 03 10/11

Kit crémons blanc/noir



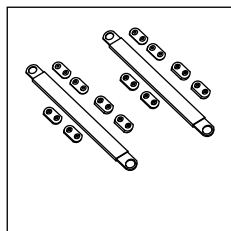
30 92 04 76/77

Fermeture clack (blanc/
noir)



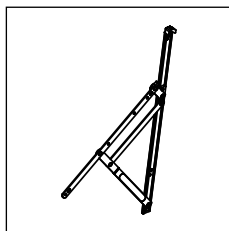
30 92 04 80

Compás ouv. à l'italienne
glissant jusqu'à 50 kg/vant.



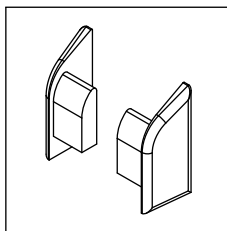
30 92 04 85

Jeux compàs



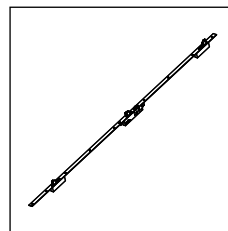
30 92 04 90

Compàs ouv. à l'italienne
glissant jusqu'à 70 kg/vant.



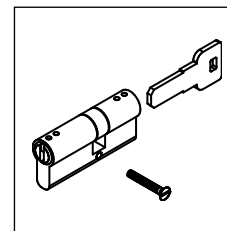
30 92 05 00

Jeux hauts



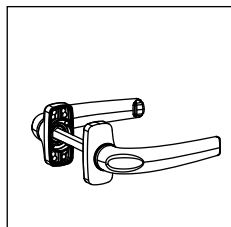
30 92 05 10

Fermeture 3 points
(35 mm)



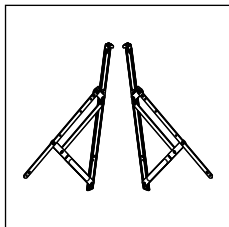
30 92 05 50

Cylindre fermeture 30x40



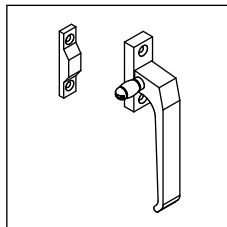
30 92 05 60/61

Double poignée blanc/
noir



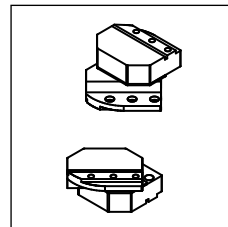
30 92 06 00

Compàs ouv. à l'italienne
glissant jusqu'à 20kg/vant.



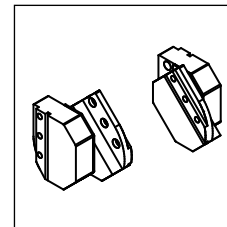
30 92 06 10/11

Poignée de verrouillage
blanc/noir



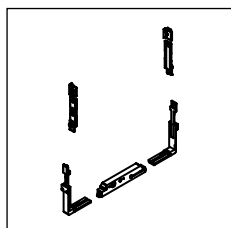
30 92 07 12

Jeux pivotant vertical
spécial ARi noir (130 kg)



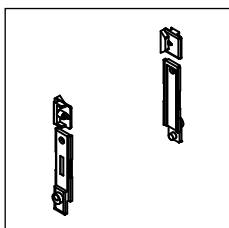
30 92 07 13

Jeux pivotant horizontale
spécial ARi noir (130 kg)



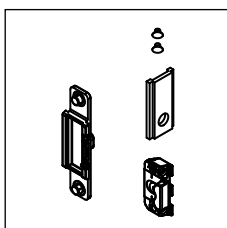
30 92 07 16

Fermeture perimetral
pivotant spécial



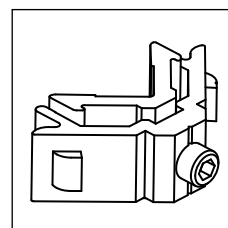
30 92 07 17

Fermeture supplémentaire
pivotant spécial



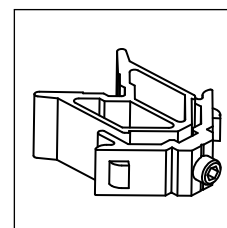
30 92 22 43

Point fermeture
supplémentaire



30 96 00 04

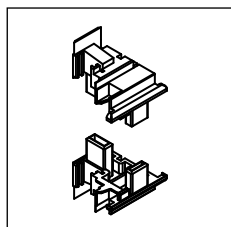
Equerre fenêtre



30 96 00 05

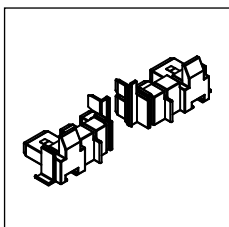
Equerre dormant porte

84



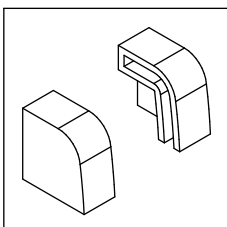
30 96 00 08

Jeux hautes battement
ARi



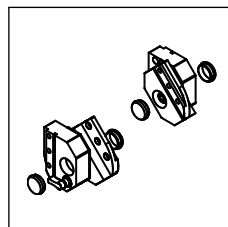
30 96 00 10

Jeux hautes ARi-23



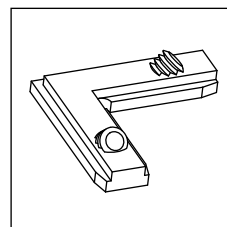
30 96 00 12

Jeux hautes
condensation



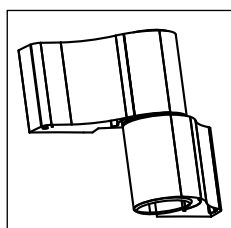
30 96 00 13

Jeux pivotant (60 kg)



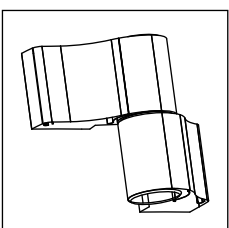
30 96 00 15

Equerre d'alignement
ouvrant



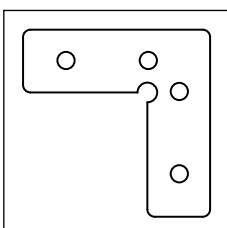
30 96 00 16/20

Charnière avec rebord
(blanc/noir)



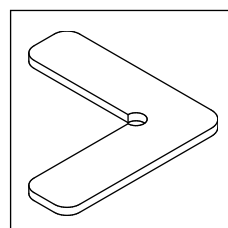
30 96 00 17/21

Charnière avec rebord
(blanc/noir)



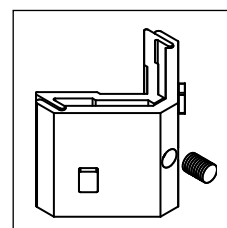
30 96 00 22

Equerre d'alignement
spécial



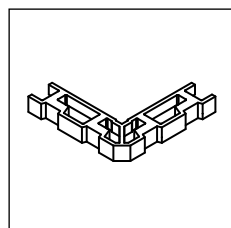
30 96 00 23

Equerre d'alignement
dormant



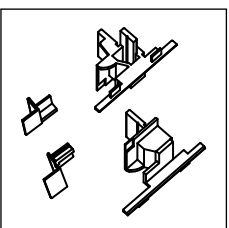
30 96 00 24

Equerre extérieur ouvrant
caché



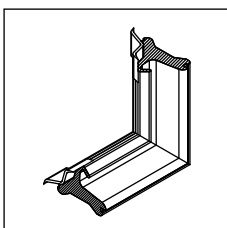
30 96 00 25

Equerre extérieur
dormant



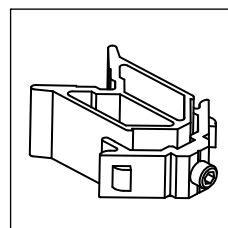
30 96 00 26

Jeux hautes battement
ouvrant caché



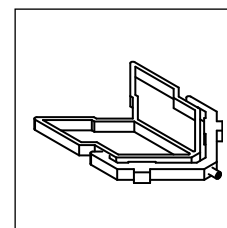
30 96 00 35

Coin vulcanisé



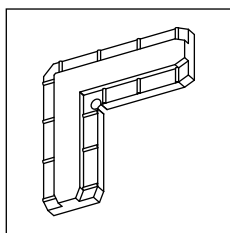
30 96 00 36

Equerre ouvrant porte

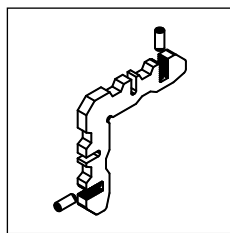


30 96 00 41

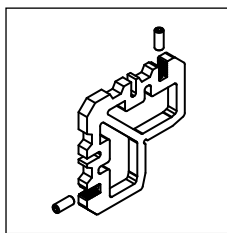
Equerre d'alignement
ouvrant porte



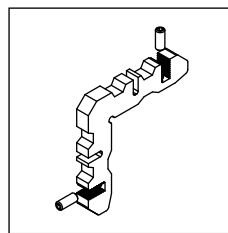
30 96 00 43
Equerre d'alignement



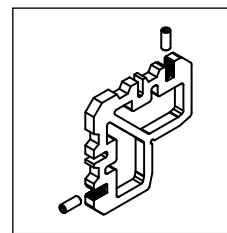
30 96 00 45
Equerre d'alignement
5.2x14 avec des vis



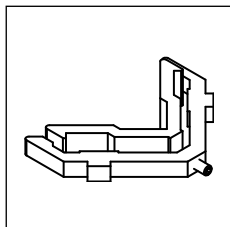
30 96 00 46
Equerre d'alignement
5.2x36 avec des vis



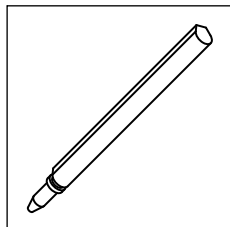
30 96 00 48
Equerre d'alignement
7x14 avec des vis



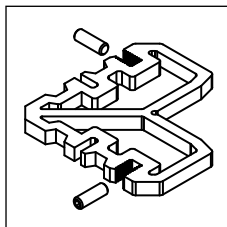
30 96 00 49
Equerre d'alignement d'
ormant avec des vis



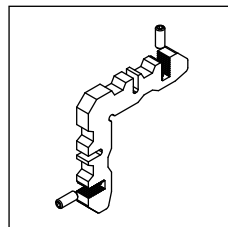
30 96 00 51
Equerre d'alignement



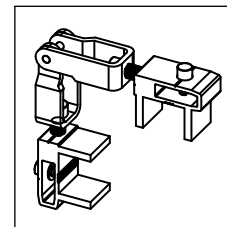
30 96 00 55
Boulon alternative pour
fixation d'equerre



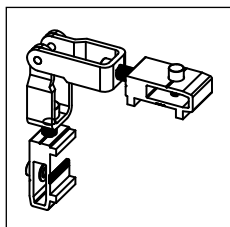
30 96 00 60
Equerre d'alignement
5.2x31.6 avec des vis



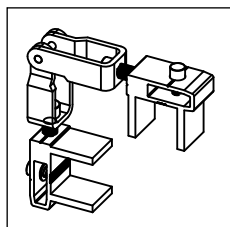
30 96 00 61
Equerre d'alignement
ARi-83 profil extérieur



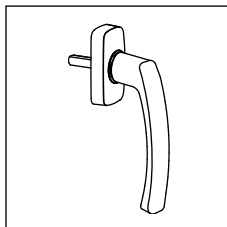
30 96 00 64
Equerre Angulaire 31
ARi-08/59/68/69



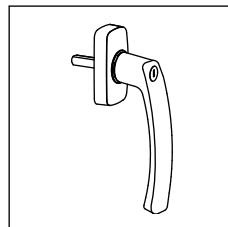
30 96 00 68
Equerre angulaire 14 ARi-
03/05/33/35/57/58/61/74/76/77/81/83/97



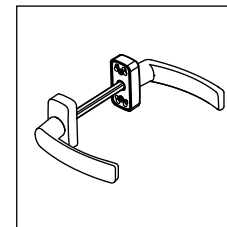
30 96 00 69
Equerre angulaire 36
ARi-10/36/60/54



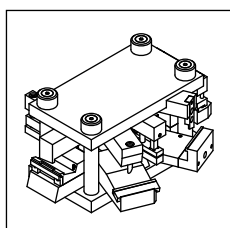
31 70 16 40
Poignée d'aluminium brut



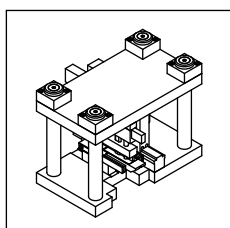
31 70 16 42
Poignée avec clé
d'aluminium brut



31 70 16 43
Double poignée
d'aluminium brut



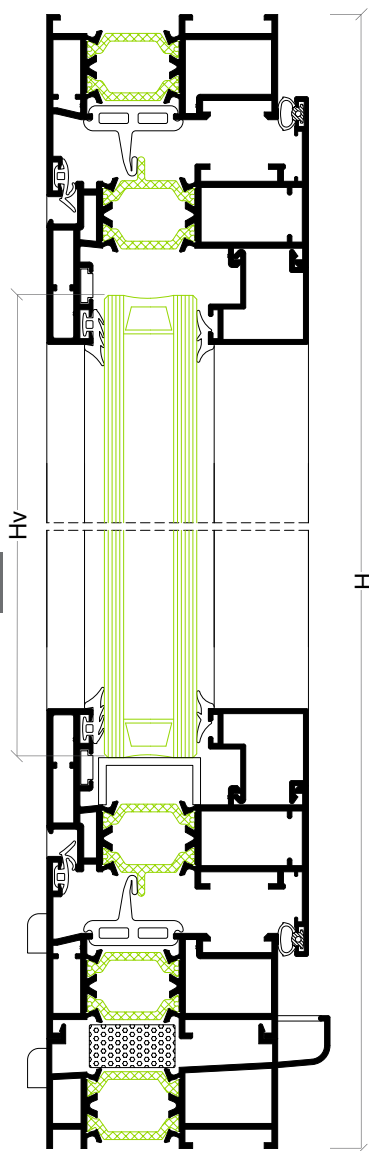
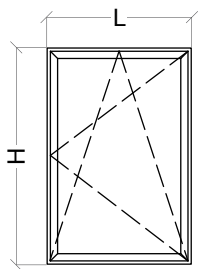
33 96 79 99
Outil mécanisation CE



33 96 87 99
Outil equerre intérieur et
extérieur ARi/AKi

Référence	Dessin	Description
30 00 95 15		Joint de vedation intérieur court
30 20 30 03		Joint isolant
30 20 70 03		Pelouche finition porte 11x12 mm
30 60 00 17		Joint extérieur verre plat 2 mm noir
30 92 04 70		Mousse isolant
30 93 00 60		Joint extérieur de verre (facultatif)
30 93 00 61		Joint vedation extérieur verre 2 mm
30 93 00 62		Joint plat pour verre
30 93 00 65		Joint intérieur pour verre (5 mm)
30 93 00 66		Joint intérieur pour verre (4 mm)
30 93 00 67		Joint intérieur pour verre (2 mm)
30 93 00 68		Joint intérieur pour verre (6/7 mm)
30 93 00 69		Joint intérieur pour verre (8/9 mm)
30 93 00 70		Vedante intérieur de verre (facultatif)
30 93 00 80		Joint de vedation inférieure ARi-42
30 93 00 82		Joint vedation inférieure
30 93 01 20		Joint intérieur
30 93 01 30		Joint extérieur (ouverture extérieur/ouverture à l'italienne)
30 95 00 10		Pelouche 7x9 mm
30 96 00 02		Joint extérieur
30 96 00 03		Joint central
30 96 00 09		Joint central ouverture extérieur (ARi-25)
30 96 00 18		Joint intérieur (ouverture à l'italienne/glissant)
30 96 00 27		Joint extérieur ouvrant caché

Fenêtre 1 vantail à frappe et oscillo-battante



Profils

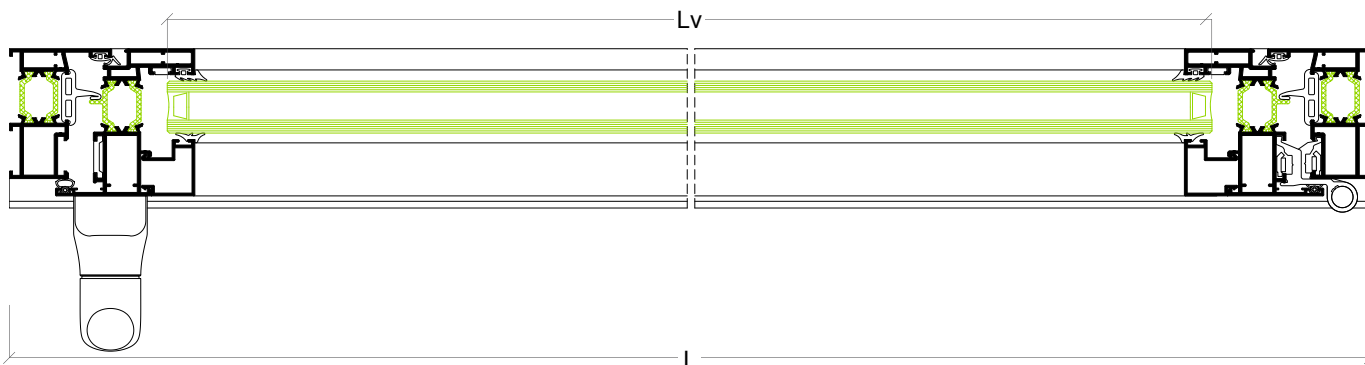
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-03	Dormant		2	L
				2	H-28.5 mm
	ARI-61	Ouvrant		2	L-43 mm
				2	H-71.5 mm
	---	Parclose		2	L-132 mm
				2	H-200.5 mm
	CT-11	Sueil condensation		1	L
	AZ-23	Rejet d'eau 60 mm		1	L
	AX-19	Tringel		1+1	Apro. H+L

Accessories et Joints

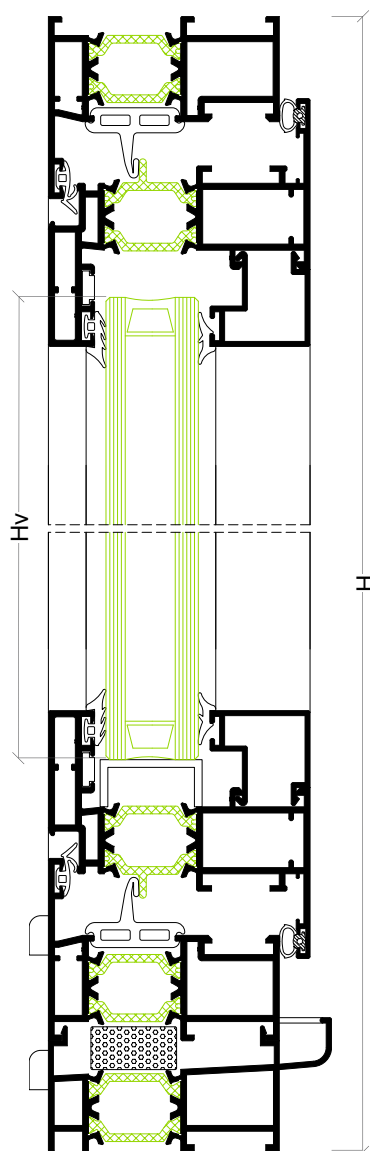
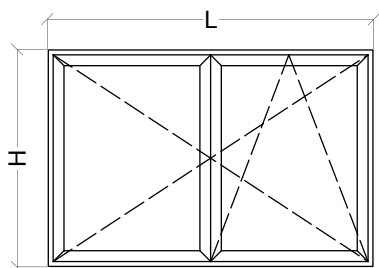
Référence	Description	Quantité	
		À frappe	Oscillo-battante
30 92 00 20	Charnières C.E.	2	---
30 92 01 00	Goutières	4	4
30 92 02 XX	Compás O.B.	---	1
30 92 02 20	Kit oscillo-battante	---	1
30 92 02 60	Soutien vantail	1	---
30 92 03 10	Kit cremone	1	---
30 96 00 04	Equerre fenêtre	8	8
30 96 00 48	Equerre d'alignement dormant	4	4
30 96 00 12	Jeux hautes condensation	1	1
30 96 00 15	Equerre d'alignement ouvrant	4	4
30 96 00 22	Equerre d'alignement ouvrant	4	4
30 96 00 45	Equerre d'alignement extérieur ouvrant	4	4
30 96 00 35	Coin vulcanisé	4	4
30 92 04 70	Mousse isolant	L	
30 96 00 02	Joint extérieur	2L+2H	
30 96 00 03	Joint central	2L+2H	
30 93 01 20	Joint intérieur	2L+2H	
---	Joint extérieur verre	2L+2H	
---	Joint intérieur verre	2L+2H	

Verre

Hv = H-174 mm	Lv = L-146 mm
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Fenêtre 2 vantaux à frappe et oscillo-battante



Profils

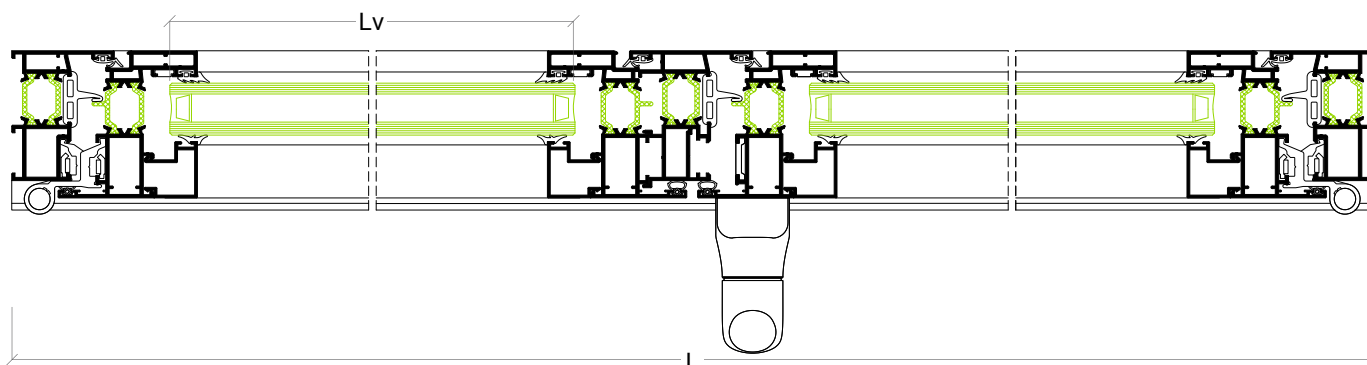
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-03	Dormant		2	L
				2	H-28.5 mm
	ARI-61	Ouvrant		2	L/2-24 mm
				2	H-71.5 mm
	ARI-04	Battement		1	H-139.5 mm
	---	Parclose		4	L/2-113 mm
				4	H-200.5 mm
	CT-11	Sueil condensation		1	L
	AX-19	Tringel		1+1	Apro. H+L

Accessories et Joints

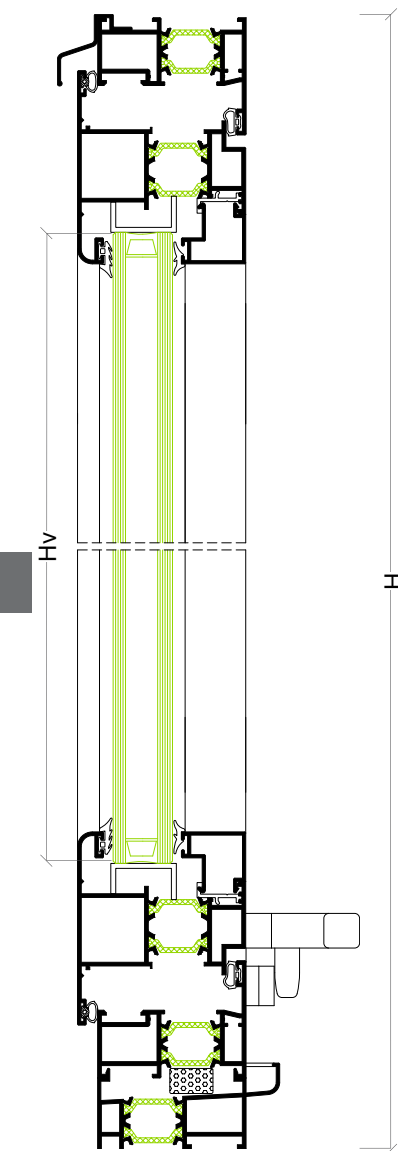
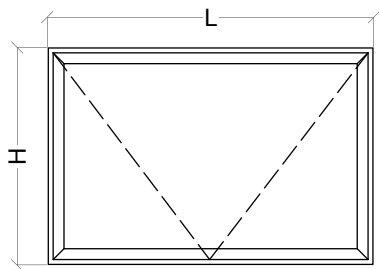
Référence	Description	Quantité	
		À frappe	Oscillo-battante
30 92 00 20	Charnières C.E.	4	---
30 92 01 00	Goutières	4	4
30 92 01 20	Jeux fermeture C.E.	1	---
30 92 02 XX	Compas O.B.	---	1
30 92 02 20	Kit oscillo-battante	---	1
30 92 02 24	Kit 2 ^{ème} vantail oscillo-battante	---	1
30 92 02 60	Soutien vantail	1	---
30 92 03 10	Kit cremone	1	---
30 96 00 04	Equerre fenêtre	12	12
30 96 00 48	Equerre d'alignement Dormant	8	8
30 96 00 08	Jeux hautes battement	1	1
30 96 00 12	Jeux hautes condensation	1	1
30 96 00 15	Equerre d'alignement ouvrant	8	8
30 96 00 22	Equerre d'alignement ouvrant	8	8
30 96 00 45	Equerre d'alignement extérieur ouvrant	4	4
30 96 00 35	Coin vulcanisé	4	4
30 92 04 70	Mousse isolant	L	
30 96 00 02	Joint extérieur	2L+4H	
30 96 00 03	Joint central	2L+3H	
30 93 01 20	Joint intérieur	2L+4H	
---	Joint extérieur verre	2L+2H	
---	Joint intérieur verre	2L+2H	

Verre

Hv = H-174 mm	Lv = L/2-127 mm
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Fenêtre ouverture à l'italienne glissant



Profils

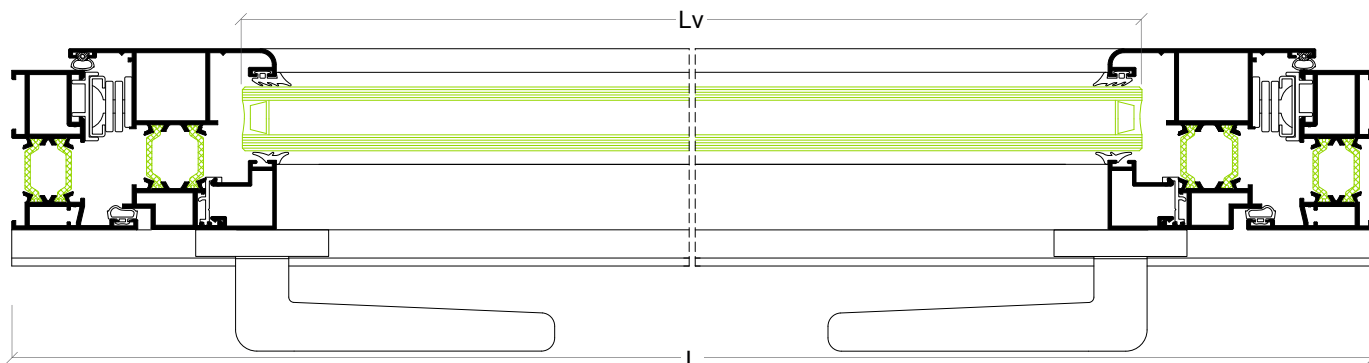
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARi-03	Dormant		2	L
				2	H-28.5 mm
	ARi-07	Ouvrant ouverture à l'italienne glissant		2	L-43 mm
				2	H-71.5 mm
	---	Parclose		4	L-159 mm
				4	H-227.5 mm
	AXi-45	Rejet d'eau supérieur		1	L
	AXi-32	Complément ouverture à l'italienne		2	selon mesure du compas
	ARi-29	Soutien Parclose		2	L-140 mm
				2	H-168.5 mm
	CT-11	Sueil condensation		1	L

Accessoires et Joints

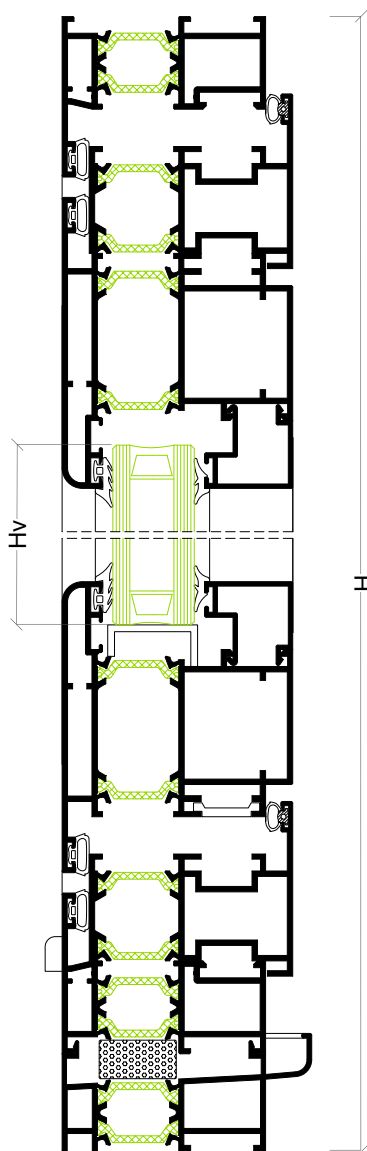
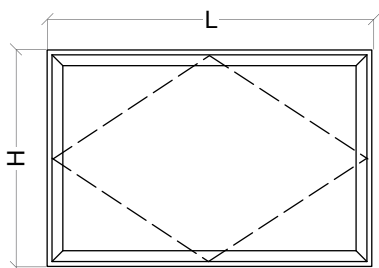
Référence	Description	Quantité
30 92 01 00	Goutières	2
30 92 04 90	Jeux compas ouverture à l'italienne glissant 550	1
30 92 06 10	Poignée de verrouillage	2
30 92 04 10	Equerre fenêtre ouverture extérieur	4
30 96 00 12	Jeux hautes condensation	1
30 96 00 48	Equerre d'alignement Dormant	4
30 96 00 42	Equerre d'alignement interno móvel	4
30 92 04 70	Mousse isolant	L
30 93 01 20	Joint extérieur	2L+2H
30 96 00 04	Equerre fenêtre	4
30 96 00 18	Joint intérieur ouverture à l'italienne glissant	2L+2H
---	Joint extérieur verre	2L+2H
---	Joint intérieur verre	2L+2H

Verre

Hv = H-201 mm	Lv = L-173 mm
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Fenêtre pivotant horizontale



Profils

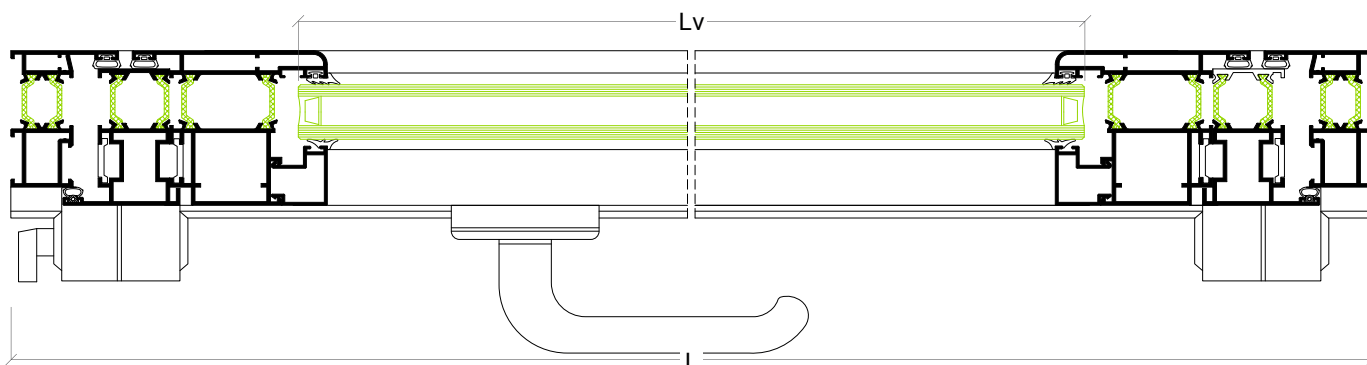
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARi-03	Dormant		2	L
				2	H-28.5 mm
	ARi-25	Ouvrant ouverture extérieur		2	L-107 mm
				2	H-135.5 mm
	ARi-14	Battement pivotant supérieur		1	L-46 mm
				2	H/2-23 mm
	ARi-14	Battement pivotant inférieur		1	L-46 mm
				2	H/2-51.5 mm
	---	Parclose		2	L-239 mm
				2	H-307.5 mm
	CT-11	Sueil condensation		1	L
	AX-19	Tringel		1+1	L+H
				1+1	L+H

Accessories et Joints

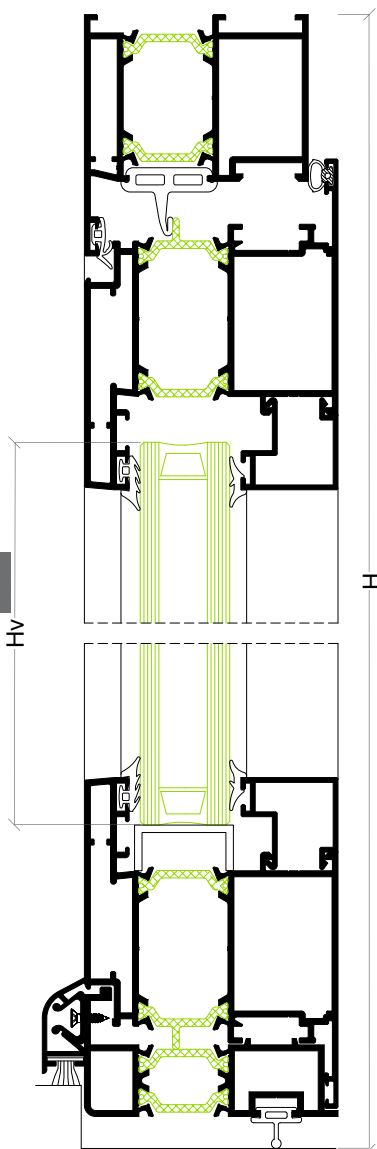
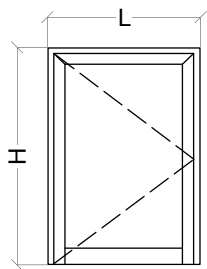
Référence	Description	Quantité
30 92 01 00	Goutières	4
30 94 50 10	Equerre battement	4
30 96 00 04	Equerre fenêtre	4
30 96 00 05	Equerre ouvrant	4
30 96 00 48	Equerre d'alignement extérieur fenêtre	4
30 96 00 12	Jeux hautes condensation	1
30 92 07 13	Jeux pivotant horizontale	1
30 92 07 16	Fermeture perimetral pivotant	1
30 96 00 15	Equerre d'alignement ouvrant	4
30 96 00 49	Equerre d'alignement ouvrant	4
30 91 41 48	poignée	1
30 92 04 70	Mousse isolant	L
30 96 00 18	Joint extérieur	4L+4H
30 93 01 20	Joint intérieur	2L+2H
---	Joint extérieur verre	2L+2H
---	Joint intérieur verre	2L+2H

Verre

Hv = H-281 mm	Lv = L-253 mm
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Porte 1 vantail



Profils

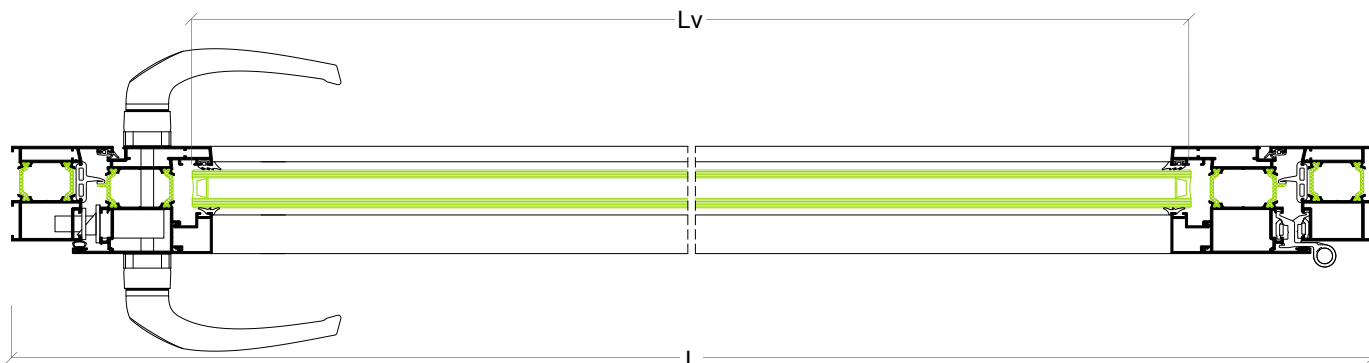
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-08	Dormant		1	L
				2	H
	ARI-36	Ouvrant		2	L-78 mm
				2	H-46 mm
	ARI-23	Coussin		1	L-147 mm
	---	Parclose		4	L-216 mm
				4	H-226 mm
	AZ-60	Rejet d'eau		1	L-148 mm

Accessoires et Joints

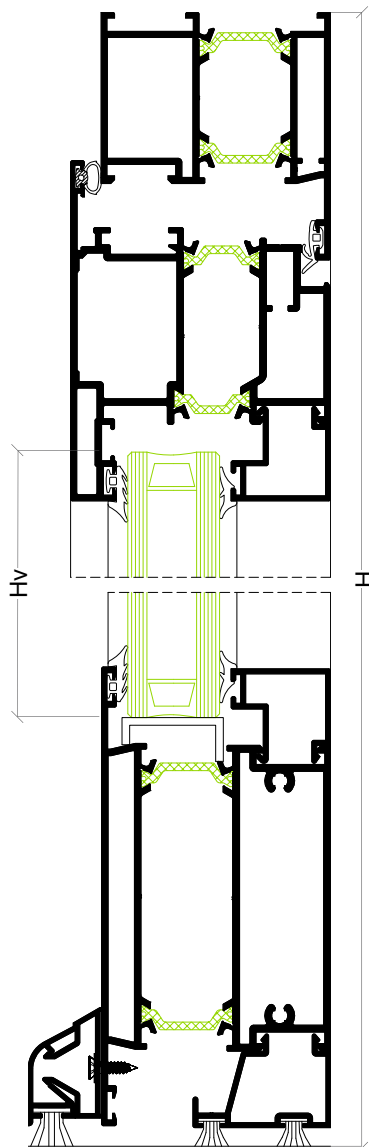
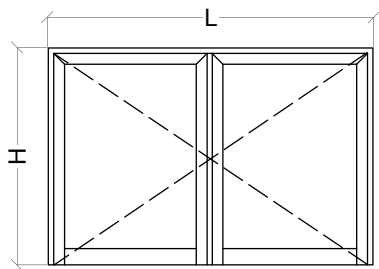
Référence	Description	Quantité
30 92 00 20	Charnières CE	3
30 92 01 35	Equerre d'alignement ouvrant	4
30 92 05 10	Fermeture 3 points	1
30 92 05 50	Cylindre fermeture 30x40	1
30 92 05 60	Double poignée	1
30 96 00 05	Equerre dormant porte	2
30 96 00 15	Equerre d'alignement ouvrant	4
30 96 00 36	Equerre ouvrant porte	4
30 96 00 46	Equerre d'alignement ouvrant porte	4
30 96 00 49	Equerre d'alignement dormant	2
30 96 00 10	Jeux hautes ARI-23	1
31 03 40 00	Ressort pour rejet d'eau	A chaque 200 mm
30 96 00 35	Coin vulcanisé	2
30 92 05 00	Jeux hautes AZ-60	1
30 93 00 80	Joint inférieur	L
30 96 00 02	Joint extérieur	L+2H
30 96 00 03	Joint central	L+2H
30 93 01 20	Joint intérieur	L+2H
---	Joint extérieur verre	2L+2H
---	Joint intérieur verre	2L+2H

Verre

Hv = H-200 mm	Lv = L-230 mm
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Porte 2 vantaux ouverture extérieur



Profils

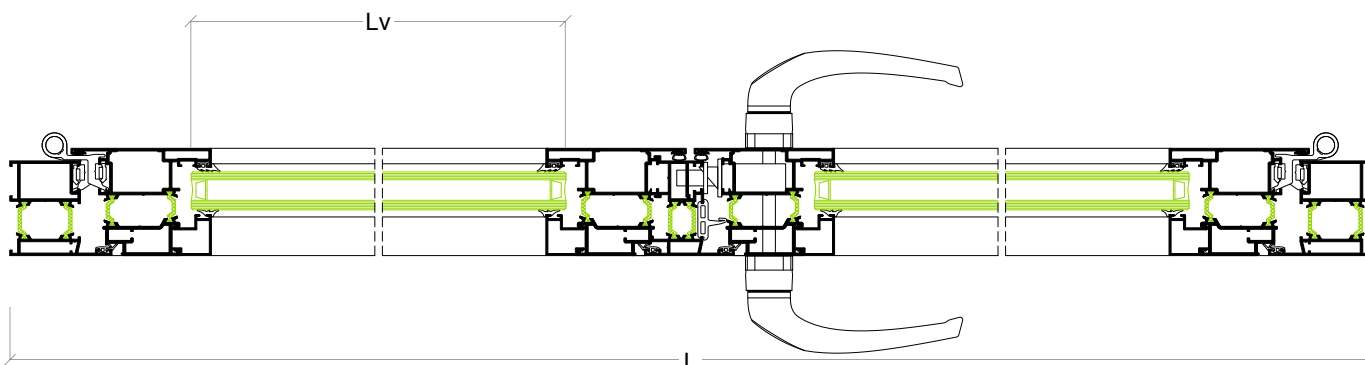
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-08	Dormant		1	L
				2	H
	ARI-72	Ouvrant ouverture extérieur		2	L/2-41.5 mm
				4	H-44 mm
	ARI-04	Battement		1	H-78 mm
	ARI-12	Traverse		1	L/2-169.5 mm
	AX-15	Parclose finition		2	L/2-160.5 mm
	---	Parclose		4	L/2-179 mm
				4	H-253 mm
	AZ-60	Rejet d'eau		1	L/2-112.5 mm
				1	L/2-43 mm
	AZ-61	Suplement pour rejet d'eau		2	L/2-219.5 mm

Accessories et Joints

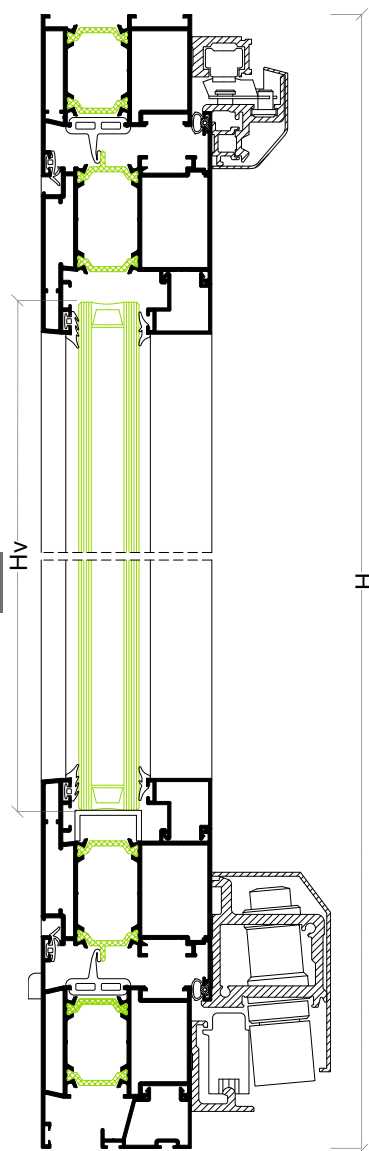
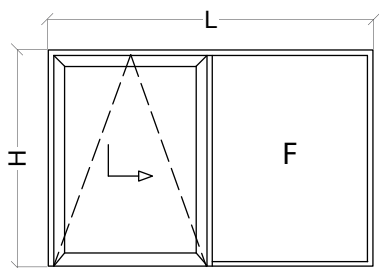
Référence	Description	Quantité
30 92 01 20	Jeux fermeture C.E.	1
30 92 05 10	Fermeture 3 points	1
30 92 05 50	Cylindre fermeture 30x40	1
30 92 05 60	Double poignée	1
30 96 00 05	Equerre porte	2
30 96 00 08	Jeux hautes battement	1
30 92 00 20	Charnière C.E.	6
30 95 00 10	Pelouche 7x9 mm	2L
30 95 05 00	Jeux hautes AZ-60	1
30 92 03 90	Equerre ouvrant extérieur	4
30 92 01 35	Equerre d'alignement ouvrant	4
30 96 00 15	Equerre d'alignement ouvrant extérieur	4
30 96 00 45	Equerre ouvrant intérieur	4
30 96 00 49	Equerre ouvrant extérieur	2
30 93 01 20	Joint extérieur	2L
30 96 00 02	Joint intérieur	L+4H
---	Joint extérieur verre	2L+4H
---	Joint intérieur verre	2L+4H

Verre

Hv = H-228 mm	Lv = L/2-194 mm
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Porte oscilo-parallèle avec fixe lateral



Profils

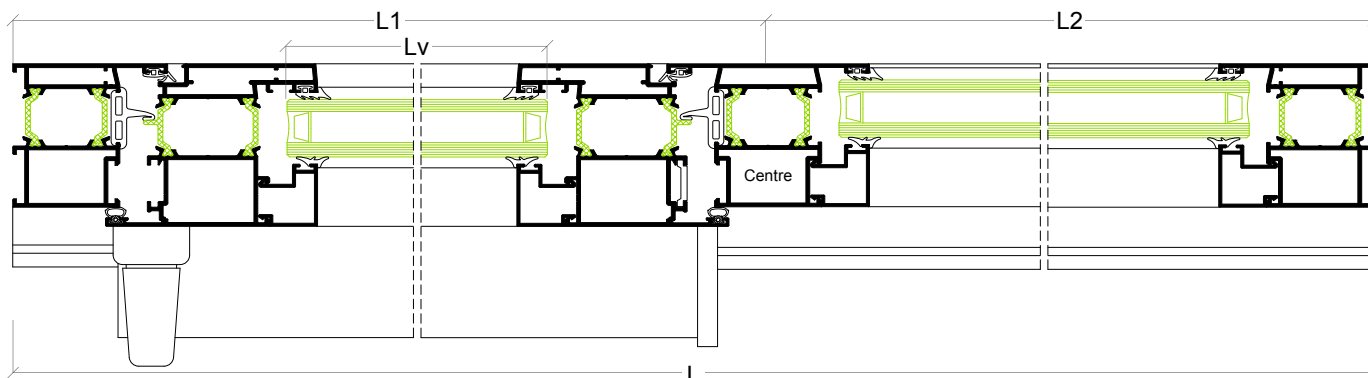
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-08	Dormant		1	L
				2	H
	ARI-06	Traverse		1	L-80.5 mm
				1	H-100.5 mm
	ARI-36	Ouvrant		2	L1-55.5 mm
				4	H-98 mm
	---	Parclose (vantail)		2	L1-193 mm
				2	H-275.5 mm
	---	Parclose (fixe)		2	L2-67.5 mm
				2	H-150 mm
	AX-15	Parclose finition		1	L-90 mm
	AX-19	Tringel		1+1	Aprox. L+H

Accessories et Joints

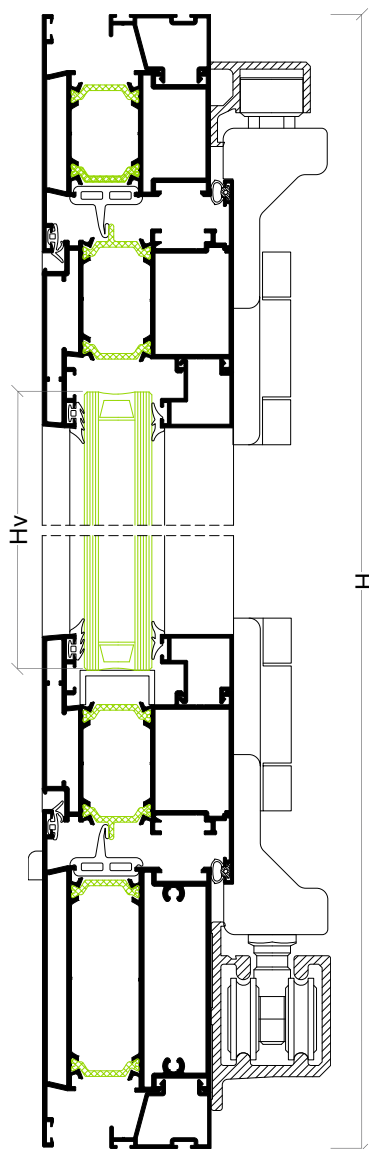
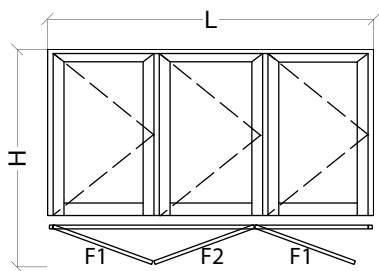
Référence	Description	Quantité
30 92 01 00	Gouttières	4
30 92 01 35	Equerre d'alignement ouvrant	4
30 92 01 50	Union de hautes porte	4
30 96 00 05	Equerre dormant	2
30 96 00 15	Equerre d'alignement ouvrant	4
30 96 00 36	Equerre ouvrant	4
30 96 00 46	Equerre d'alignement extérieur ouvrant	4
30 96 00 49	Equerre d'alignement dormant	2
---	Kit oscilo-parallèle	1
30 96 00 35	Coin vulcanisé	4
30 96 00 02	Joint extérieur	2L1+2H
30 96 00 03	Joint central	2L1+2H
30 93 01 20	Joint intérieur	2L1+2H
---	Joint extérieur verre	2L+2H
---	Joint intérieur verre	2L+2H

Verre

Hv vantail = H-249 mm	Lv vantail = L1-206 mm	
Hv fixe = H-124 mm	Lv fixe = L2-81 mm	
	Minimum	Maximum
Largeur vantail	700 mm	1650 mm
Hauteur vantail	850 mm	2400 mm
Maximum poids par vantail 150 kg		



Porte 3 vantaux harmonium



Profils

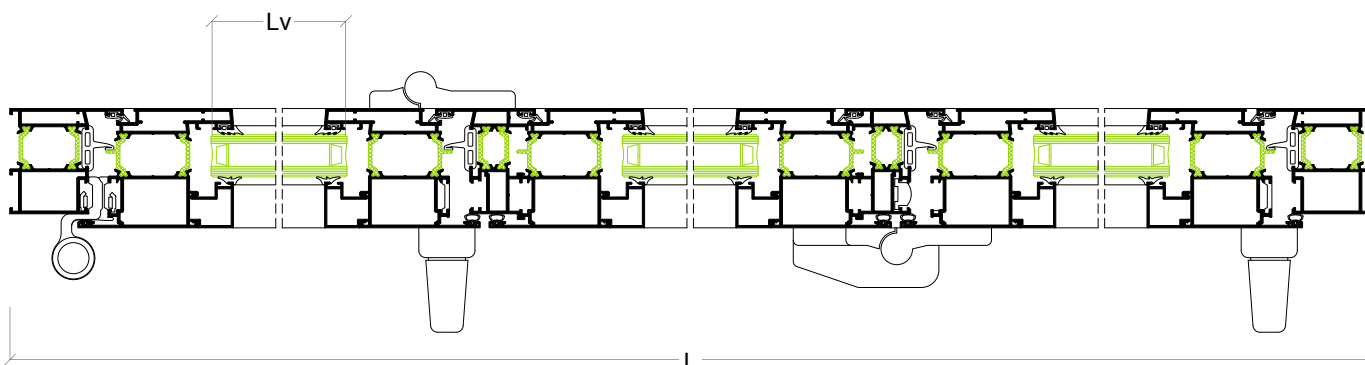
Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-08	Dormant		2	H
	ARI-06	Traverse		1	L-80.5 mm
	ARI-12	Traverse		1	L-80.5 mm
	ARI-36	Ouvrant		6	consulter
				6	consulter
	ARI-04	Battement		2	consulter
	---	Parclose (vantail)		6	consulter
				6	consulter
	AX-15	Parclose finition		2	L-90 mm
	AX-19	Tringel		2	2H

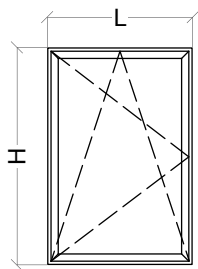
Accessories et Joints

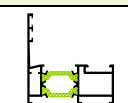


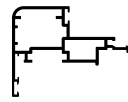


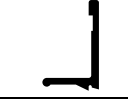


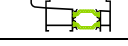



Référence	Description	Quantité
30 92 01 00	Goutières	6
30 92 01 35	Equerre d'alignement ouvrant	12
30 96 00 08	Jeux hautes battement	2
30 96 00 15	Equerre d'alignement ouvrant	12
30 96 00 36	Equerre ouvrant porte	12
30 96 00 46	Equerre d'alignement extérieur dormant porte	12
---	Kit harmonium (3+0)	1
30 92 01 50	Union hautes porte	2
30 92 01 20	Jeux fermeture CE	1
30 96 00 35	Coin vulcanisé	4
30 96 00 02	Joint extérieur	2L+6H
30 96 00 03	Joint central	2L+4H
30 93 01 20	Joint intérieur	2L+6H
---	Joint extérieur verre	2L+2H
---	Joint intérieur verre	2L+2H

Verre

Hv = consulter	Lv Vantail 1 = consulter	
	Lv Vantail 2 = consulter	
	Minimum	Maximum
Largeur vantail	600 mm	900 mm
Hauteur vantail	850 mm	2400 mm
Maximum poids par vantail 80 kg		



Fenêtre 1 vantail à frappe et oscillo-battante

Profils

Dessin	Ref	Description	Coupe	Quant	Mesure
	ARI-43	Dormant caché		2	L
				2	H-28.5 mm
	ARI-45	Ouvrant caché		2	L-43 mm
				2	H-71.5 mm
	ARI-47	Parclose ouvrant caché		2	L-94 mm
				2	H-122.5 mm
	CT-11	Sueil condensation		1	L
	AX-19	Tringel		1+1	L+H

Accessories et Joints

Référence	Description	Quantité	
		À frappe	Oscillo-battante
30 92 00 20	Charnières CE	2	---
30 92 01 00	Goutières	4	4
30 92 02 XX	Compas O.B.	---	1
30 92 02 20	Kit oscillo-battante	---	1
30 92 02 60	Soutien vantail	1	---
30 92 03 10	Kit poignée	1	---
30 96 00 04	Equerre fenêtre	8	8
30 96 00 48	Equerre d'alignement dormant	4	4
30 96 00 12	Jeux hautes condensation	1	1
30 96 00 23	Equerre d'alignement dormant	4	4
30 96 00 24	Equerre d'alignement ouvrant	4	4
30 96 00 22	Equerre d'alignement intérieur ouvrant	4	4
30 96 00 35	Coin vulcanisé	4	4
30 92 04 70	Mousse isolant	L	
30 96 00 27	Joint extérieur ouvrant caché	2L+2H	
30 96 00 03	Joint central	2L+2H	
30 93 01 20	Joint intérieur	2L+2H	
---	Joint intérieur verre	2L+2H	

Verre

Hv = H-139 mm	Lv = L-110 mm
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