

DOSSIER TECHNIQUE

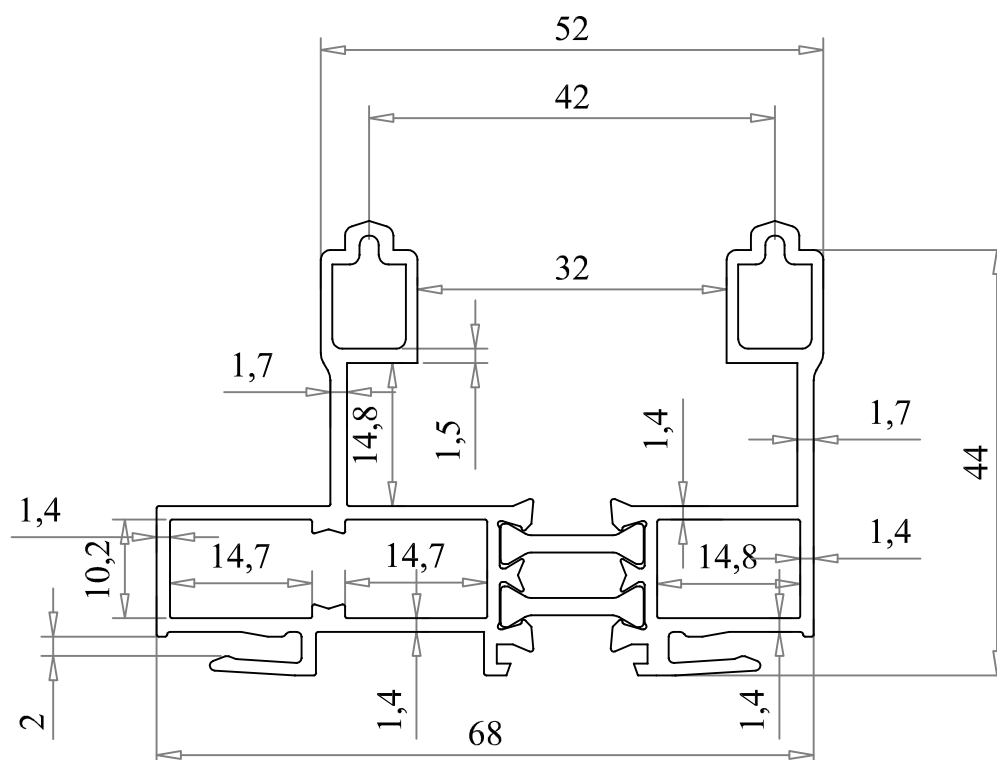
BAIE ALU 70mm

COULISSANT 70mm

1. | 05-08-2020 | ECHELLE : | aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRIA

A1=267.4501
A2=205.8804
ATot=473.3305



Traverse basse pour dormant de base Reference SARAY :

DORAL0018	3.67 M	blanc
DORAL0019	4.27 M	blanc
DORAL0020	4.87 M	blanc
DORAL0021	5.05 M	blanc

DORAL7018	3.67 M	gris
DORAL7019	4.27 M	gris
DORAL7020	4.87 M	gris
DORAL7021	5.05 M	gris

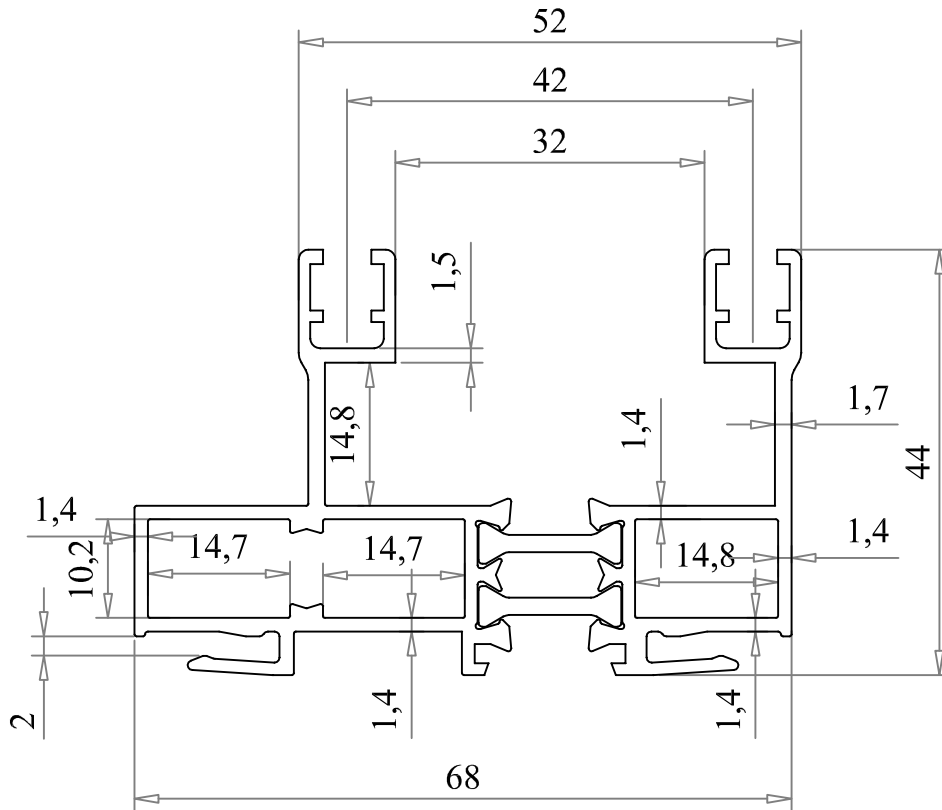
COULISSANT 70mm

Traverse Basse

2.	07-10-2020	ECHELLE 1:1	aluminium
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FIR
WINDOWS
& DOORS
GROUPE ATRYA

A1=256.1205
A2=194.5513
ATot=450.6718



Traverse haute et montant pour dormant de base
Reference SARAY :

DORAL0022	3.67 M	blanc	DORAL7022	3.67 M	gris
DORAL0023	4.37 M	blanc	DORAL7023	4.37 M	gris
DORAL0024	4.87 M	blanc	DORAL7024	4.87 M	gris
DORAL0025	4.07 M	blanc	DORAL7025	4.07 M	gris
DORAL0026	4.55 M	blanc	DORAL7026	4.55 M	gris
DORAL0027	5.05 M	blanc	DORAL7027	5.05 M	gris

COULISSANT 70mm
Montant et traverse Haute

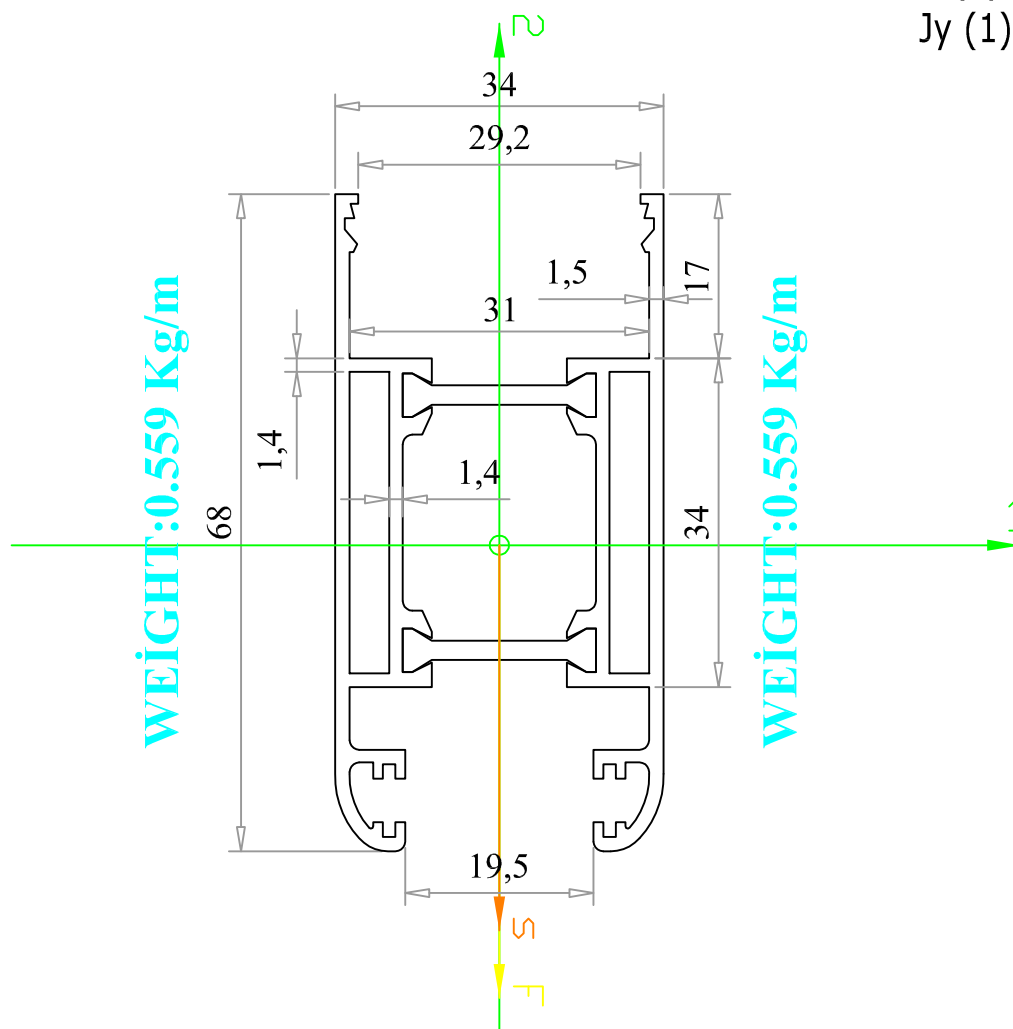
3.	07-10-2020	ECHELLE 1:1	aluminium
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FIR
WINDOWS
& DOORS

11475/11475	
I_1 [mm ⁴]	132364
I_2 [mm ⁴]	77718.3
S_c [mm]	36.34
S_t [mm]	31.67
A [mm ²]	411.0319

$$J_x(2) = 5,43 \text{ cm}^4$$

$$J_y(1) = 13,23 \text{ cm}^4$$



Montant lateral d'ouvrant de 68mm
Reference SARAY : 11475 / 11475

MONAL0001 4.2 M blanc
MONAL0002 3.9 M blanc
MONAL0005 4.4 M blanc

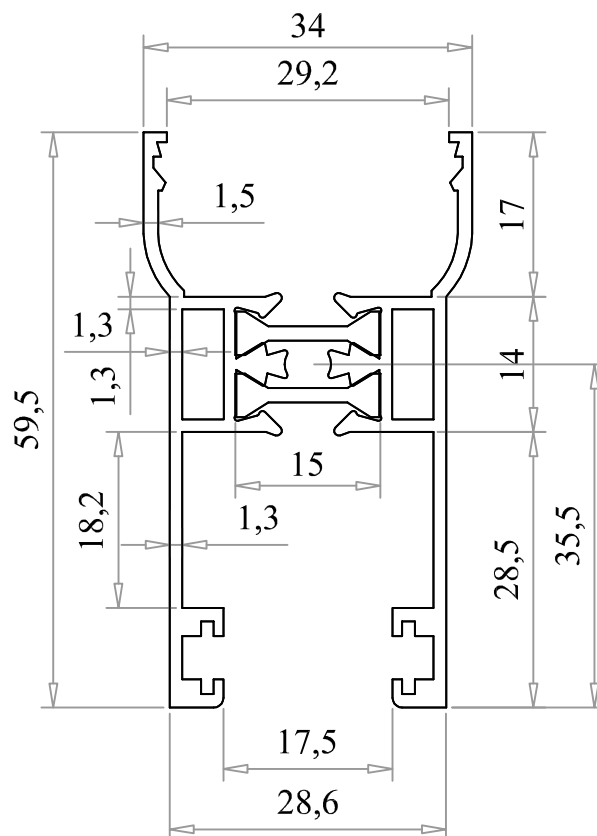
MONAL7001 4.2 M gris
MONAL7002 3.9 M gris
MONAL7005 4.4 M gris

COULISSANT 70mm

Montant Ouvrant Lateral de 68mm

5. | 05-08-2020 | ECHELLE 1:1 | aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

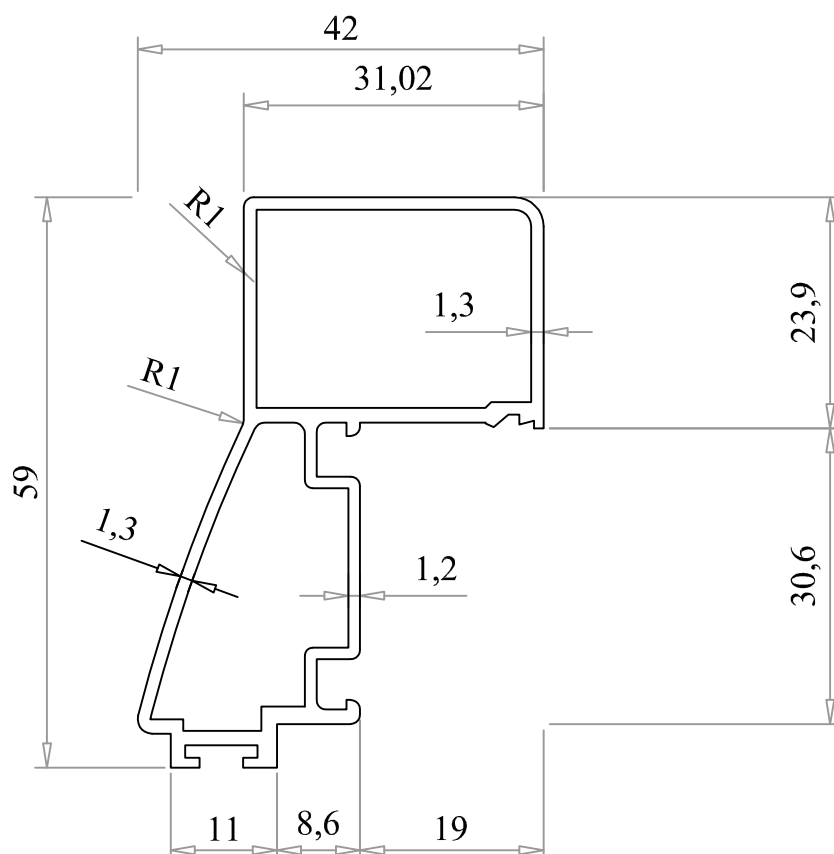


Traverse d'ouvrant de 60mm
Reference SARAY : 7107 / 7107

TRAAL0001 4.92 M blanc
TRAAL0002 4.5 M blanc
TRAAL0006 4.7 M blanc

TRAAL7001 4.92 M gris
TRAAL7002 4.5 M gris
TRAAL7006 4.7 M gris

A=284.2629



Montant central
d'ouvrant renforce
Reference SARAY : 13571

CHIAL0001 4.2 M blanc
CHIAL0002 3.9 M blanc
CHIAL0007 4.4 M blanc

CHIAL7001 4.2 M gris
CHIAL7002 3.9 M gris
CHIAL7007 4.4 M gris

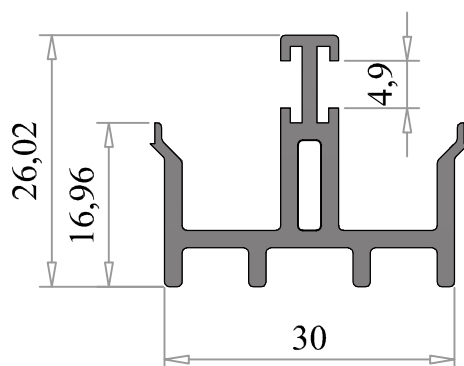
COULISSANT 70mm

Montant Ouvrant Central renforce

7. 05-08-2020 ECHELLE 1:1 aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

A [mm²]=186.550

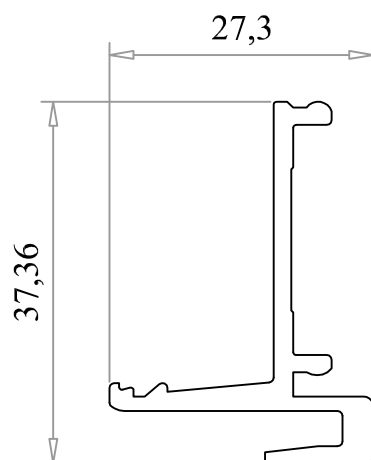


Reference SARAY : 5501

BOTAL0001 4.3 M blanc
BOTAL0003 4.5 M blanc

BOTAL7001 4.3 M gris
BOTAL7003 4.5 M gris

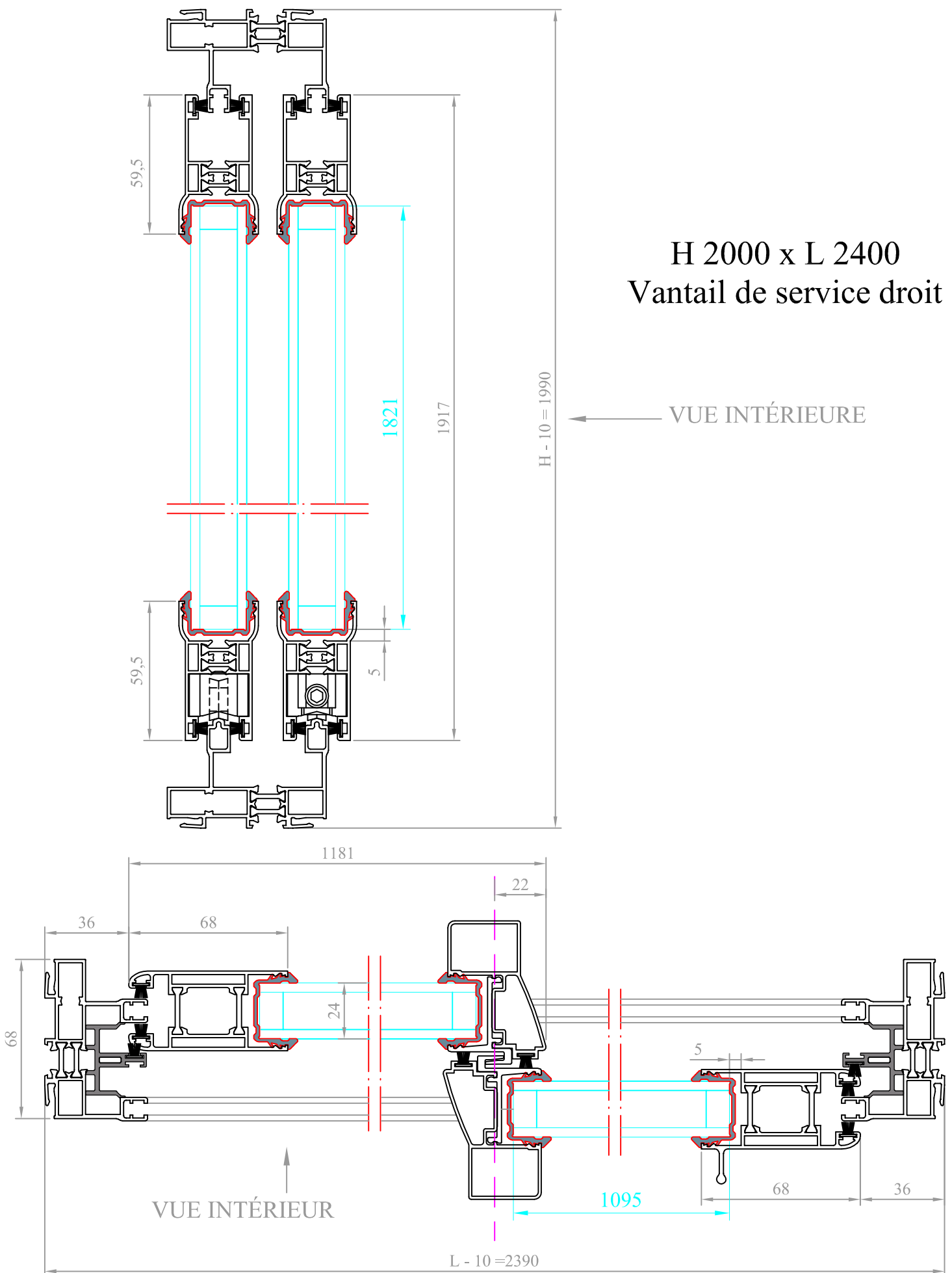
A [mm^2]=157.776



PARAL0001 2.067 M
PARAL0002 1.917 M
PARAL0006 2.167 M

H 2000 x L 2400
Vantail de service droit

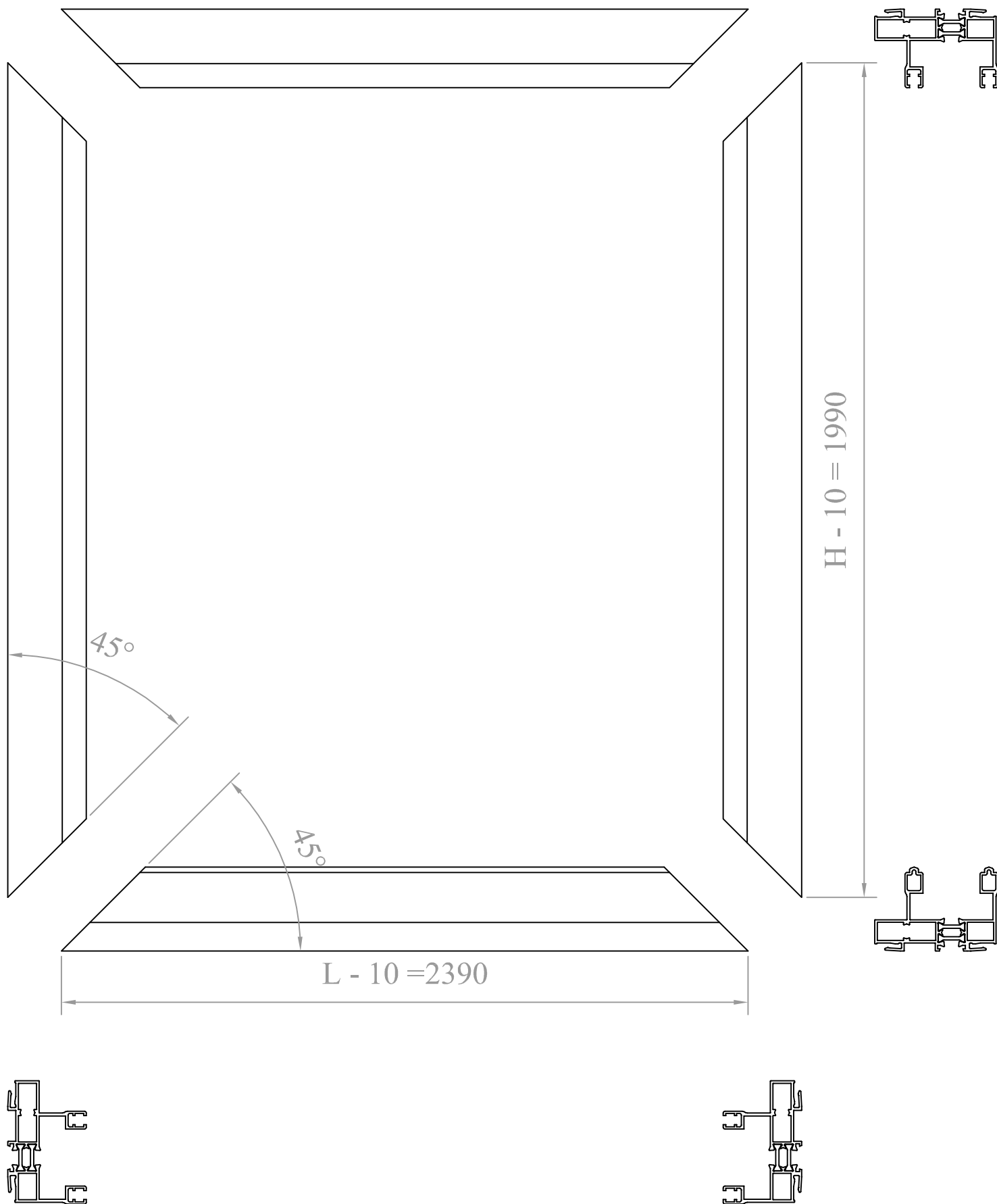
← VUE INTÉRIEURE



COULISSANT 70mm

10. | 07-10-2020 | ECHELLE: 1:1 | aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

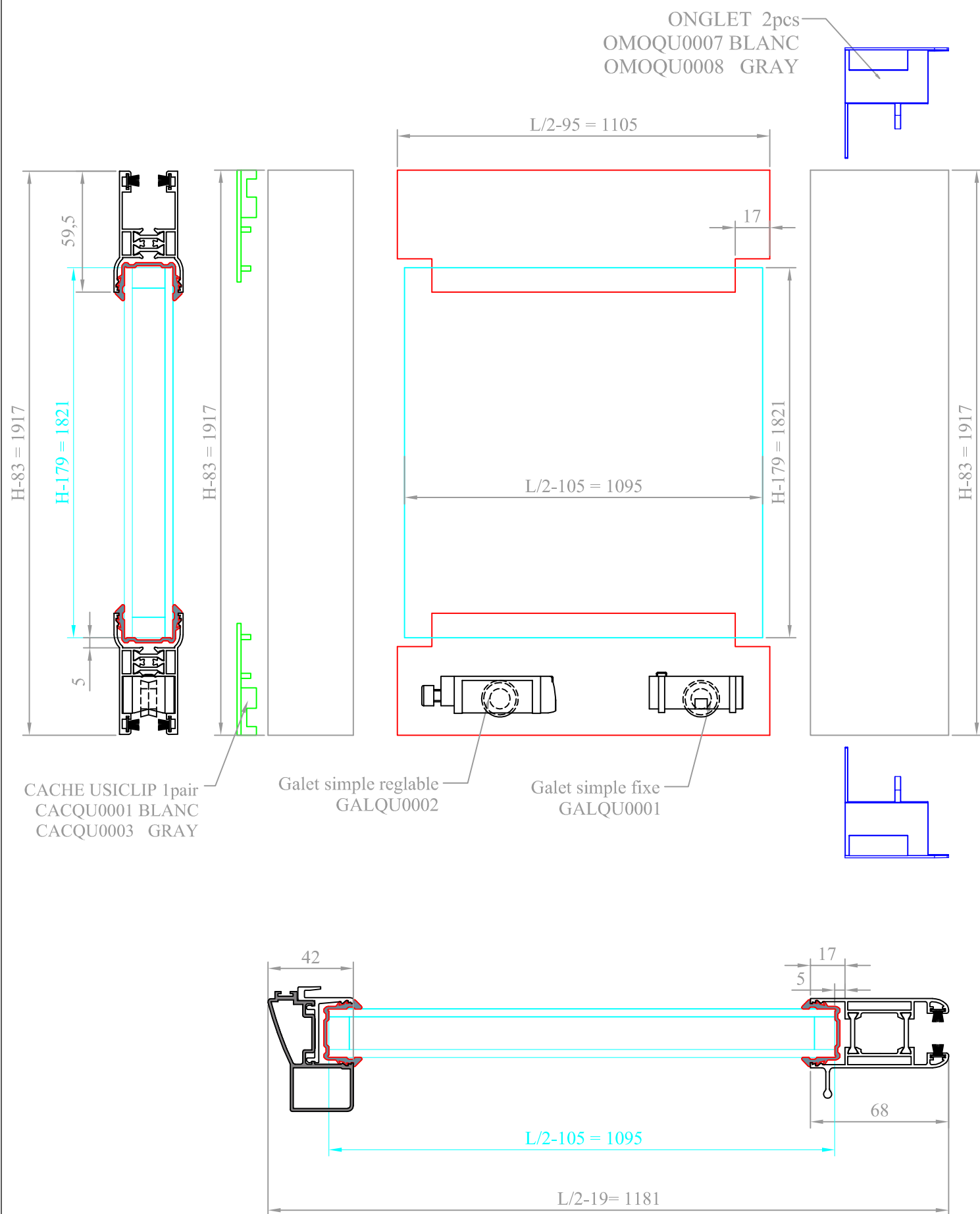


COULISSANT 70mm

Cadre Dormant

11. | 05-08-2020 | ECHELLE: 1:1 | aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

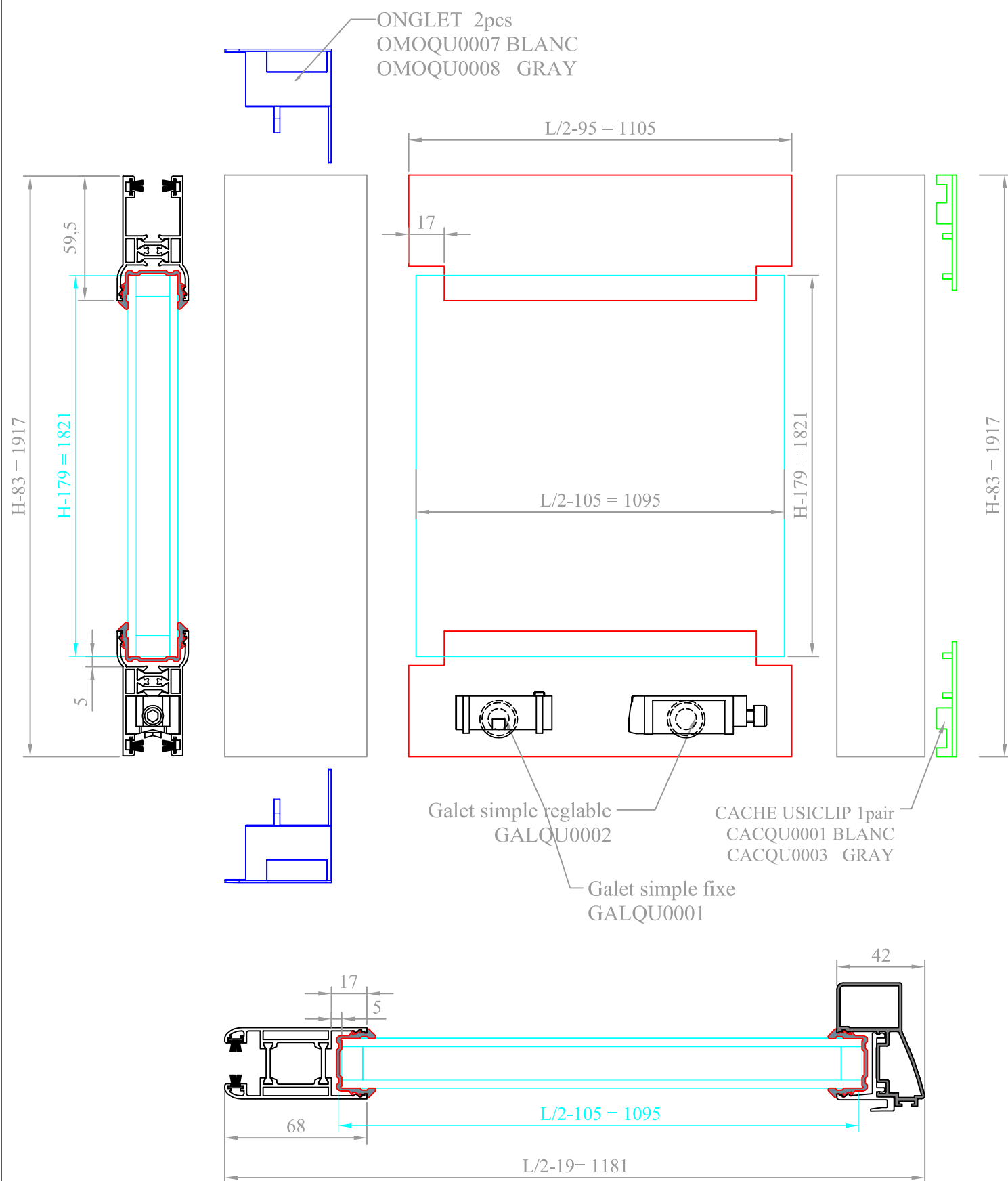


COULISSANT 70mm

Cadre Ouvrant Principal

12. 07-10-2020 ECHELLE: 1:1 aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

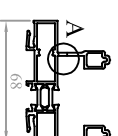


COULISSANT 70mm

Cadre Ouvrant Secondaire

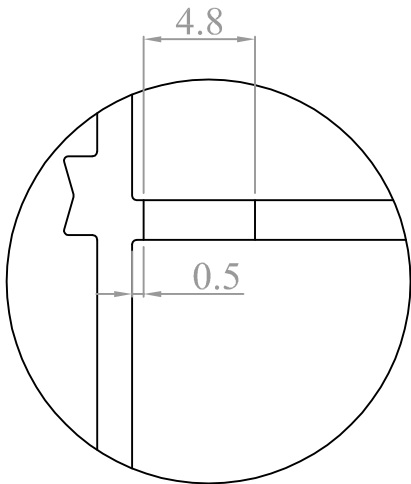
13. 07-10-2020 ECHELLE: 1:1 aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

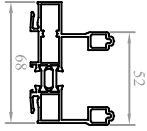
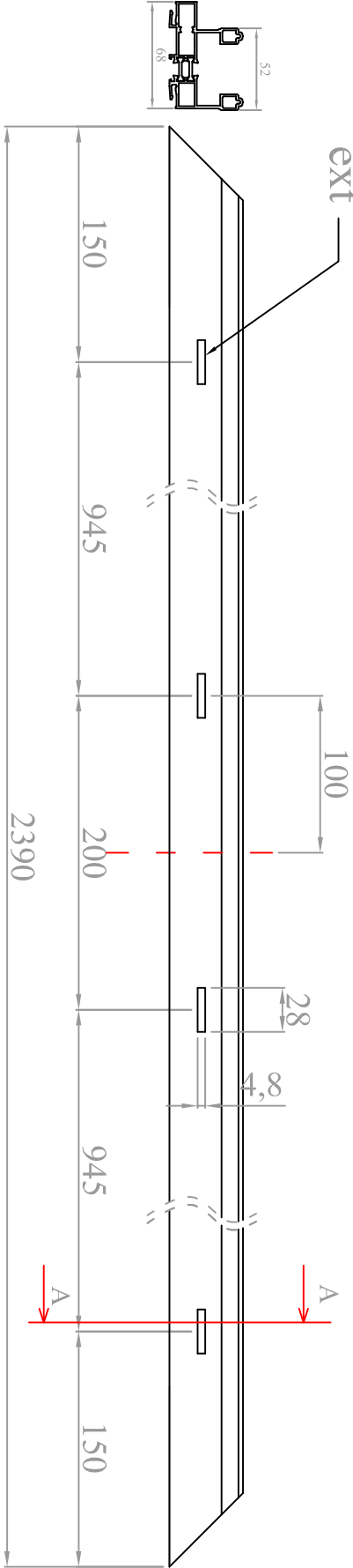


15.	05-08-2020	ECHELLE 1:1	aluminium
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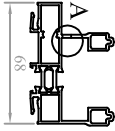
Detail A-A



ext



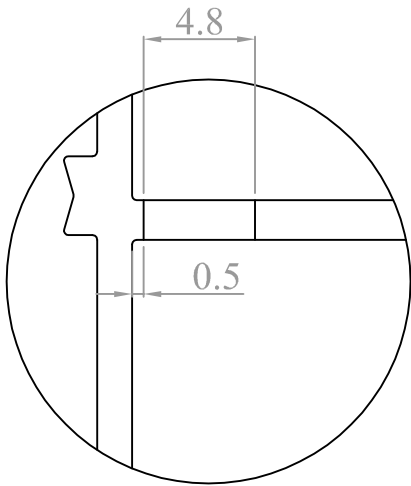
Sect. A-A



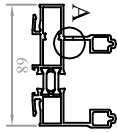
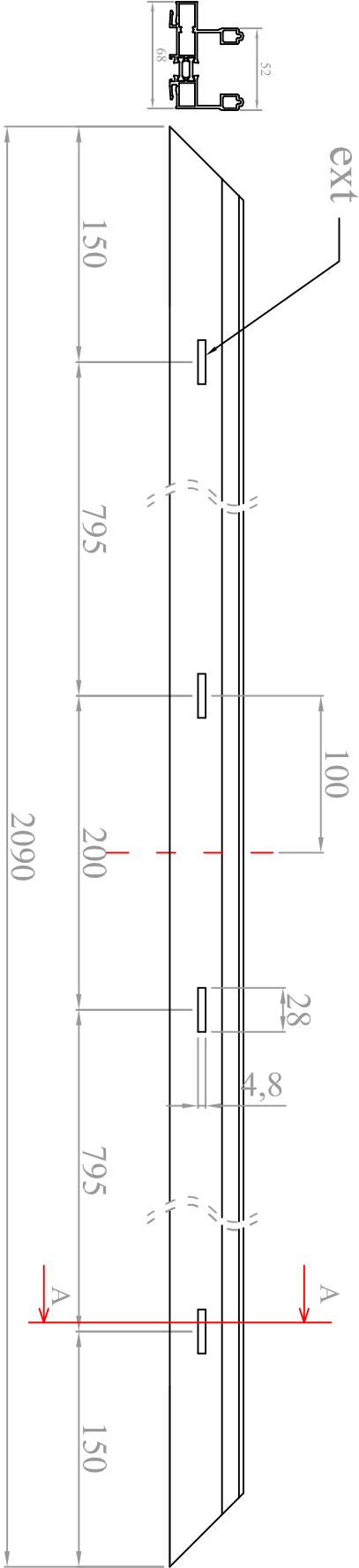
TRAVERSE DORMANTE BASE
ventilation 2400

16. 05-08-2020 ECHELLE 1:1 aluminium

Detail A-A



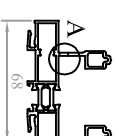
Sect. A-A



TRAVERSE DORMANTE BASE
ventilation 2100

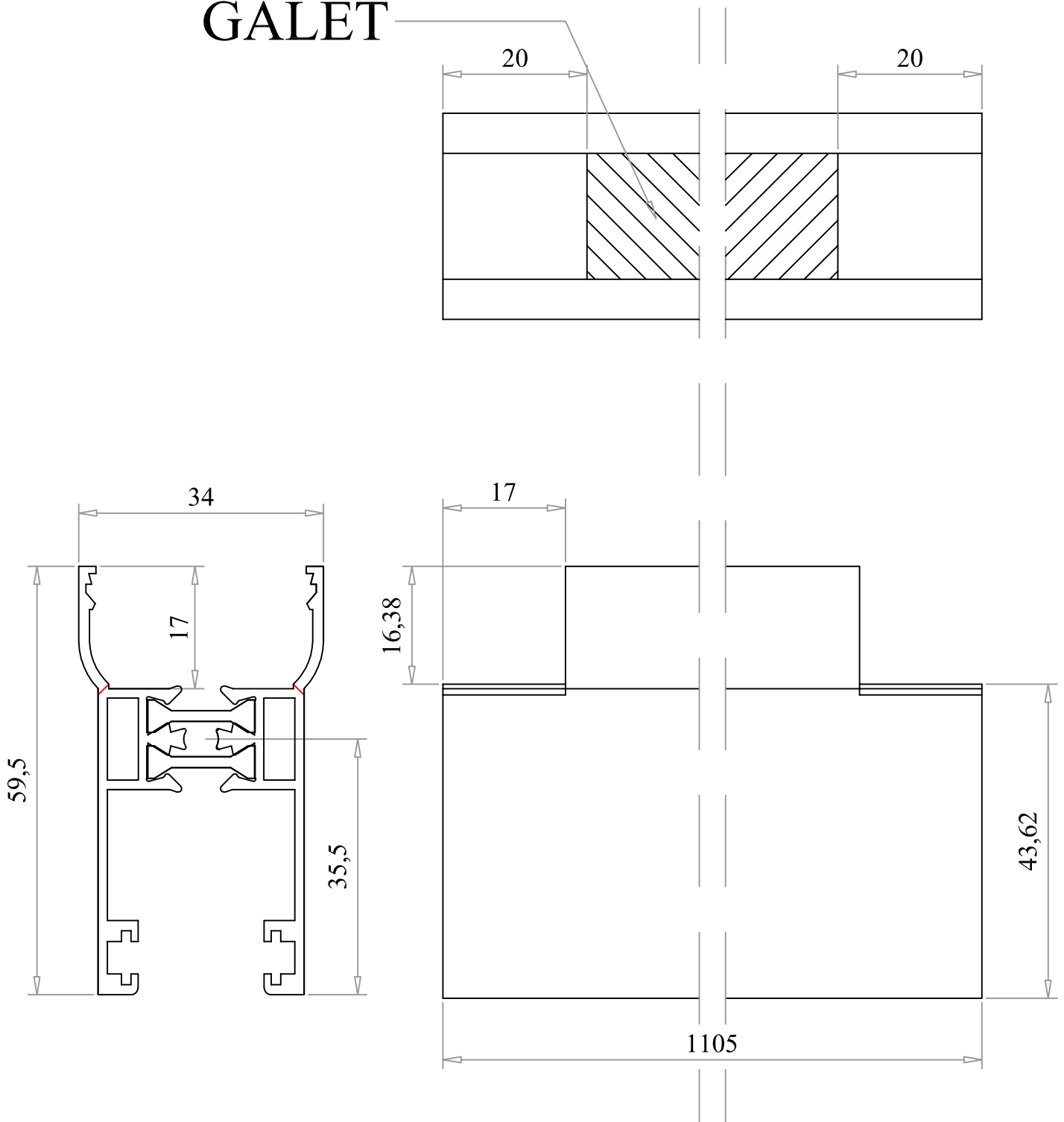
17. 05-08-2020 ECHELLE 1:1 aluminium

Technical drawing of a circular part with a vertical slot and a horizontal slot. The vertical slot has a width of 4.8 and a depth of 0.5. The horizontal slot has a width of 0.5 and a depth of 0.5. The part is shown in a cross-sectional view.



18.	05-08-2020	ECHELLE 1:1	aluminium
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GALET



COULISSANT 70mm

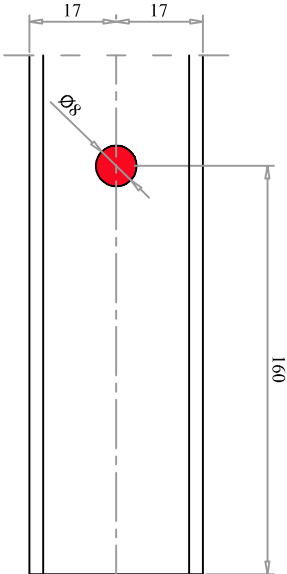
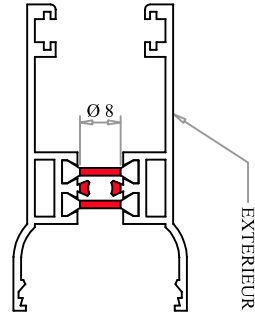
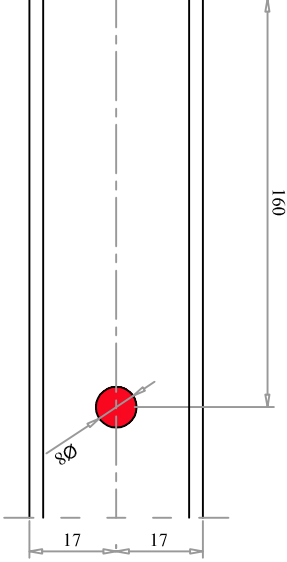
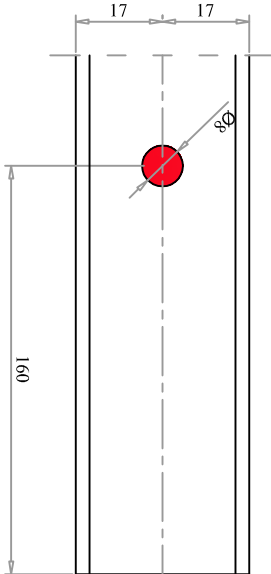
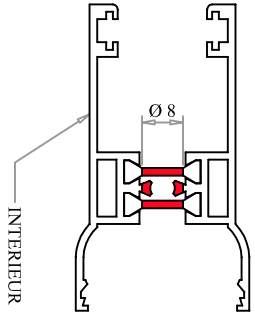
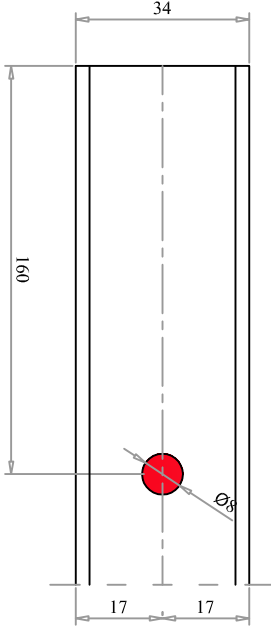
USINAGE Traverse Ouvrant 59.5 mm

19. 05-08-2020 ECHELLE 1:1

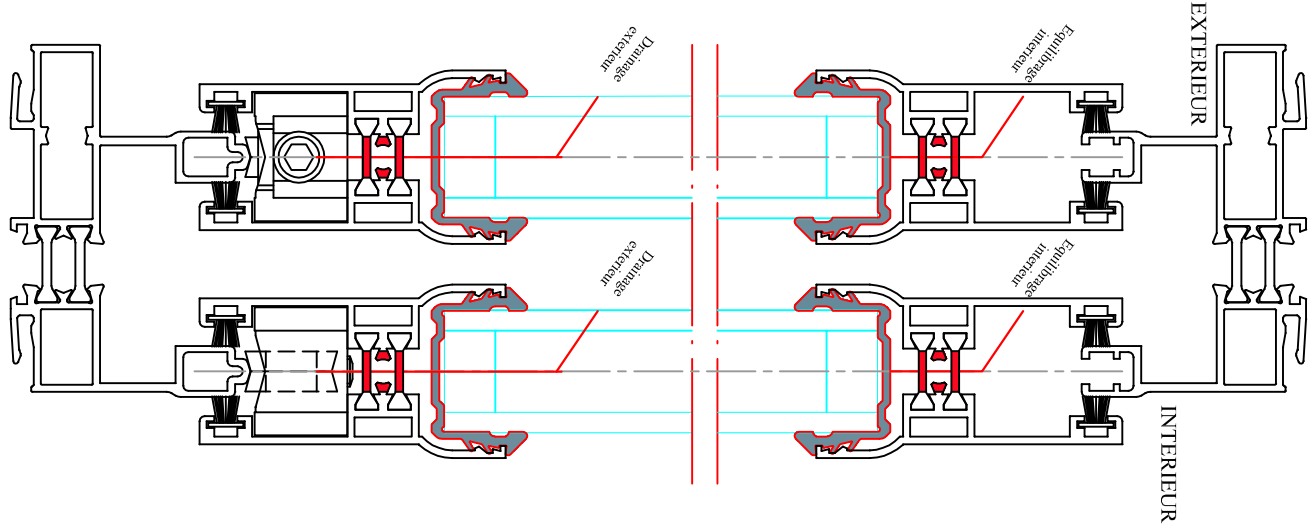
aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

TRAVERSE HAUTE equilibrage de pression



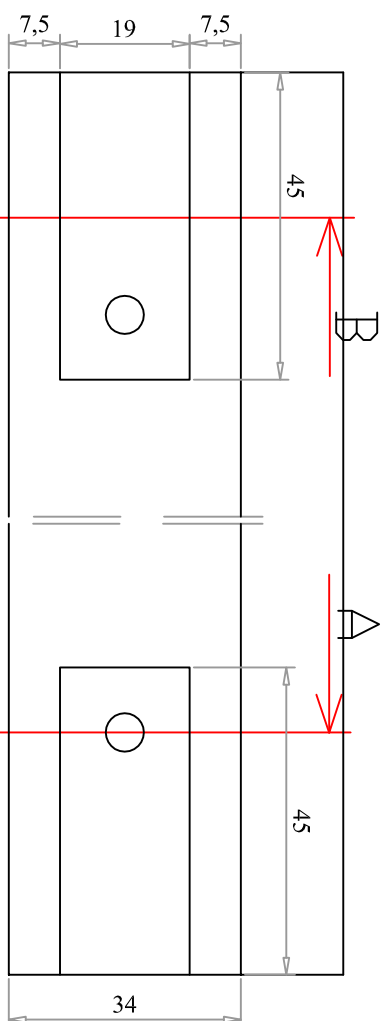
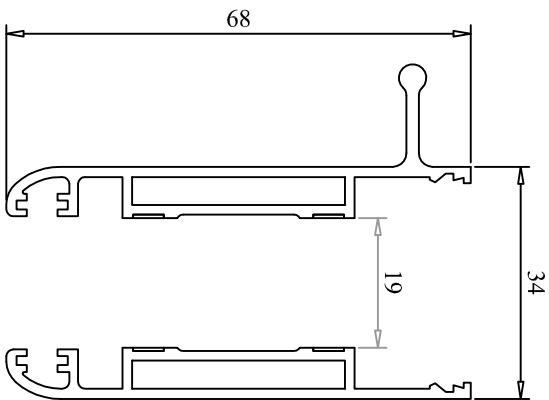
TRAVERSE BASSE dreinage



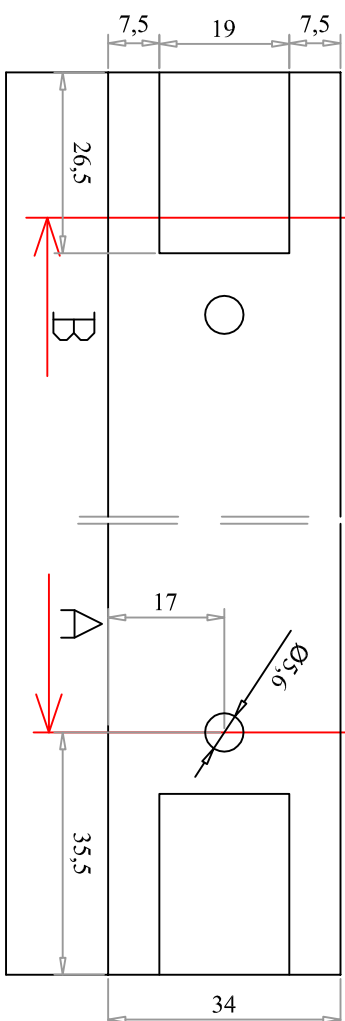
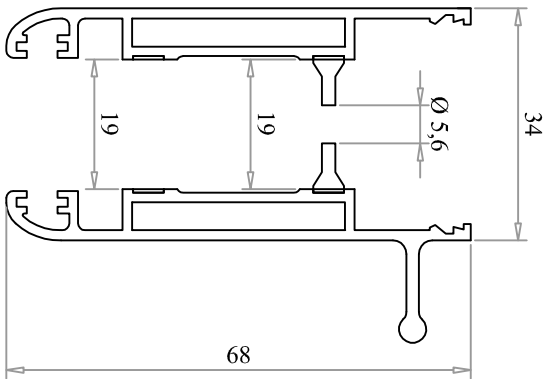
TRAVERSE OUVRANT
Drainage et equilibrage de pression

20. 05-08-2020 ECHELLE 1:1 aluminium CH

Sect. B-B



Sect. A-A

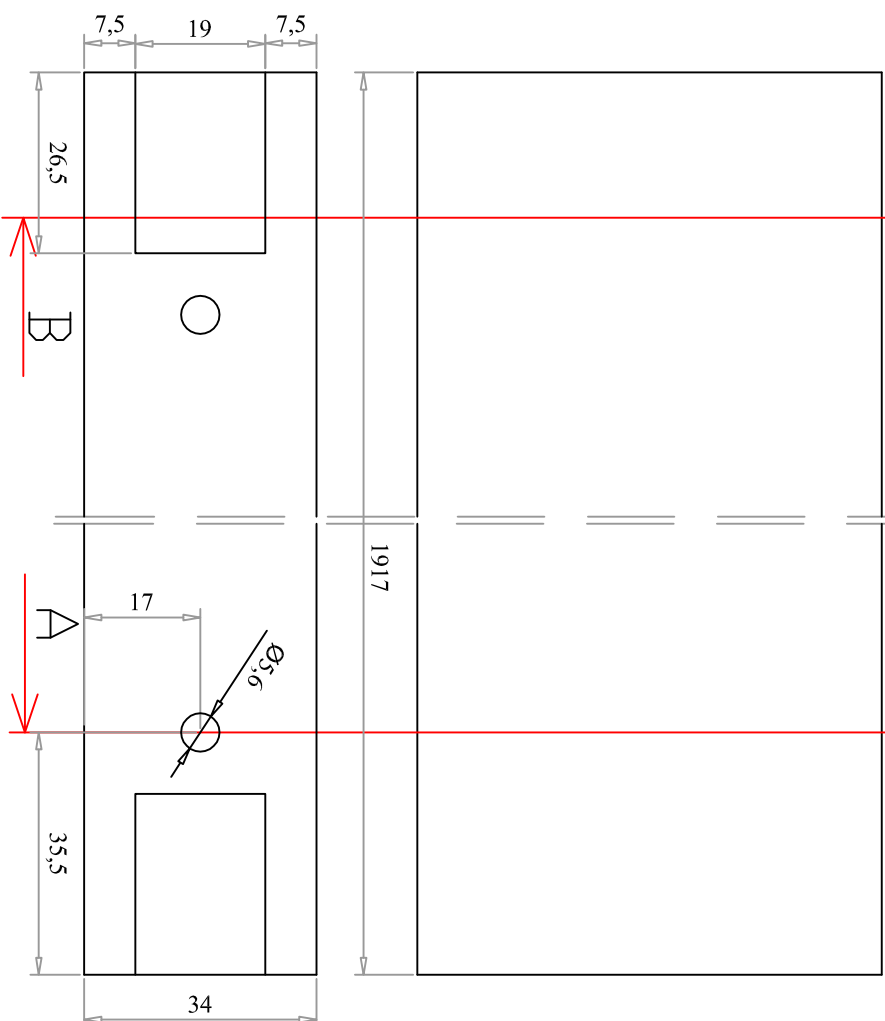
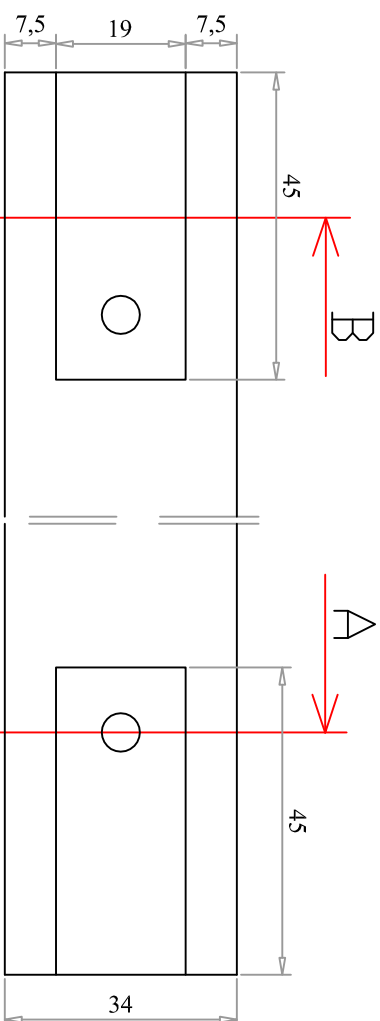
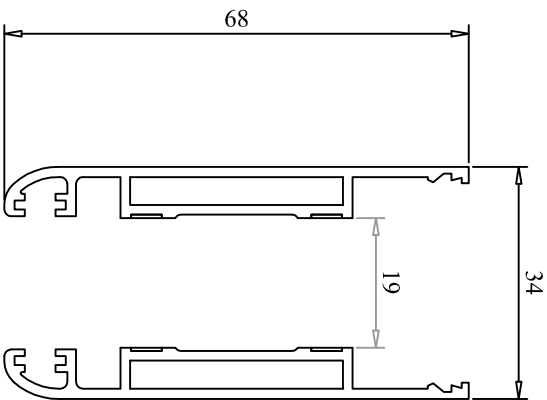


COULISSANT 70mm

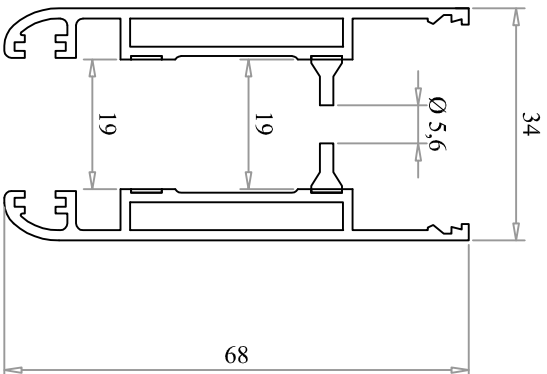
USINAGE Montant ouvrant principale 68mm

21. | 07-10-2020 | ECHELLE 1:1 | aluminium CH

Sect. B-B



Sect. A-A



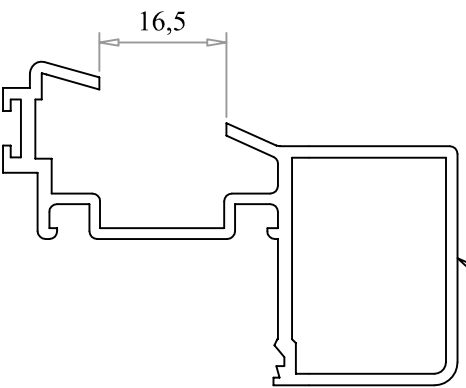
COULISSANT 70mm

USINAGE Montant ouvrant secondaire 68mm

22. | 07-10-2020 | ECHELLE 1:1 | aluminium CH

Sect. B-B

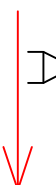
extérieur



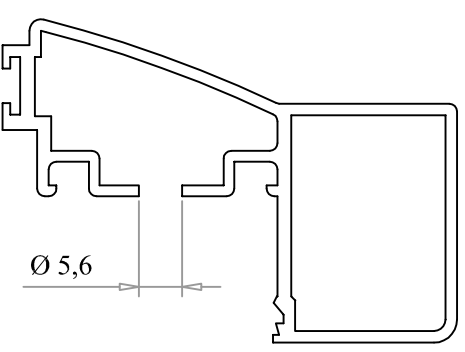
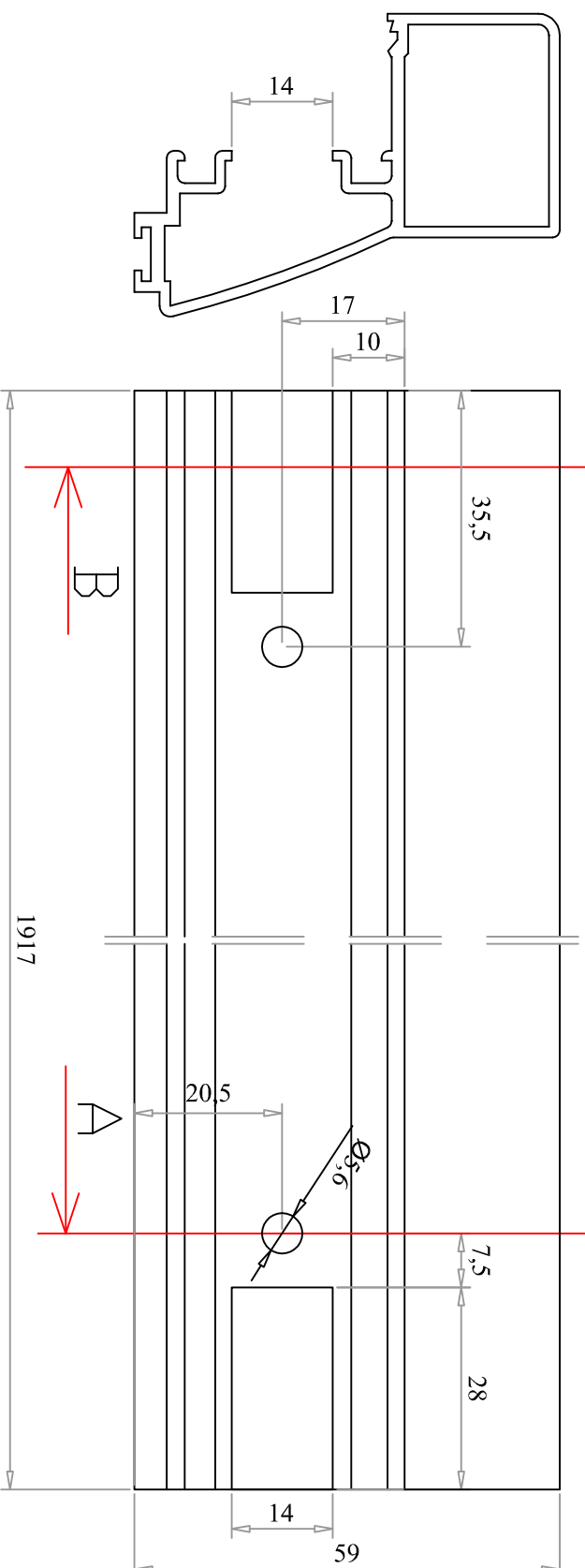
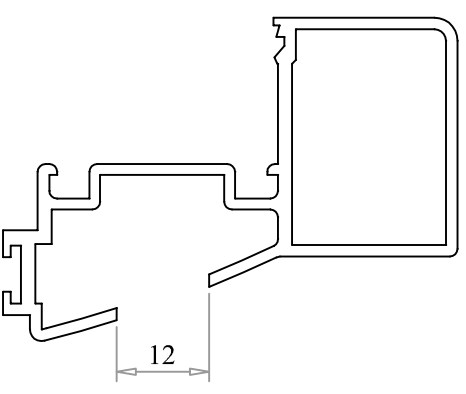
B



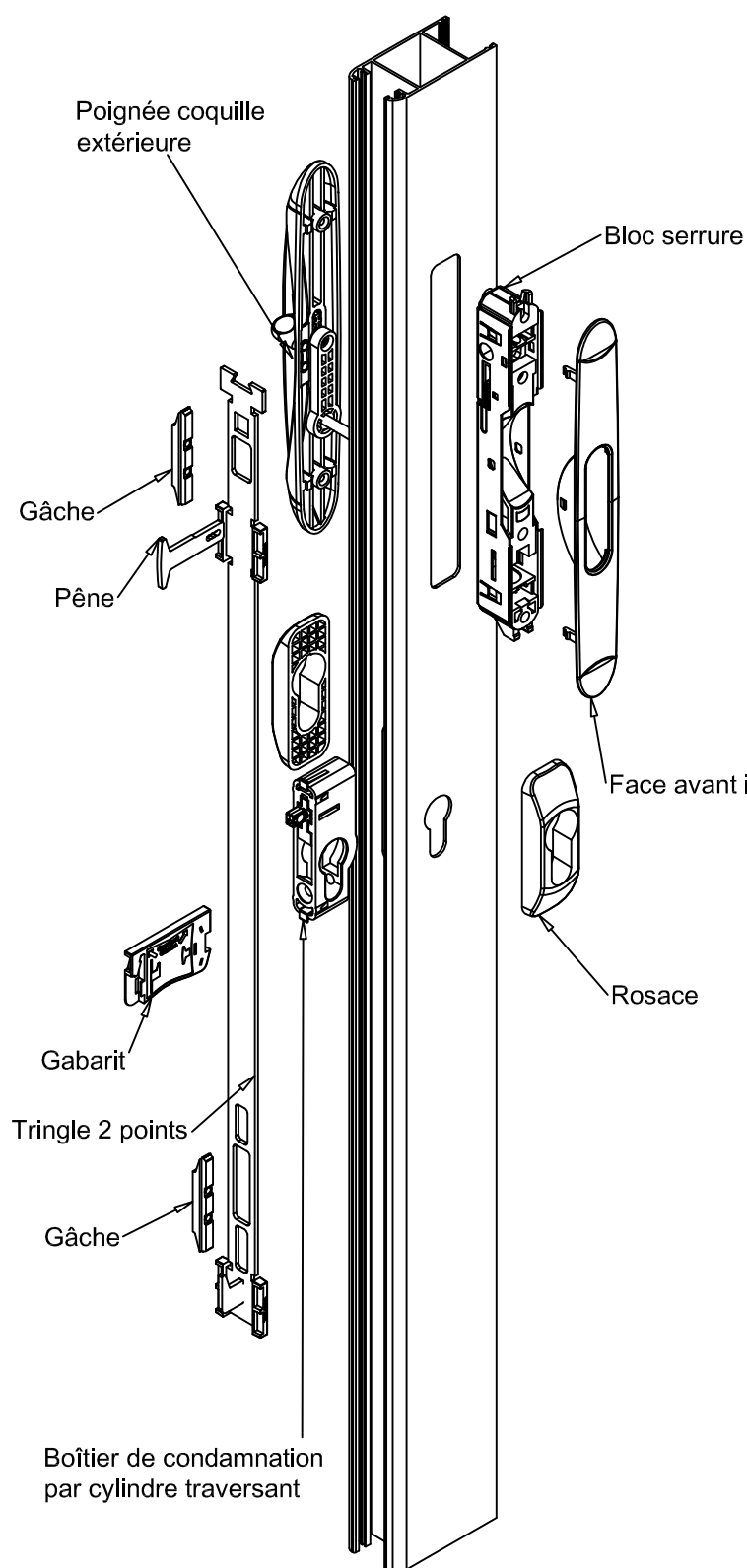
A



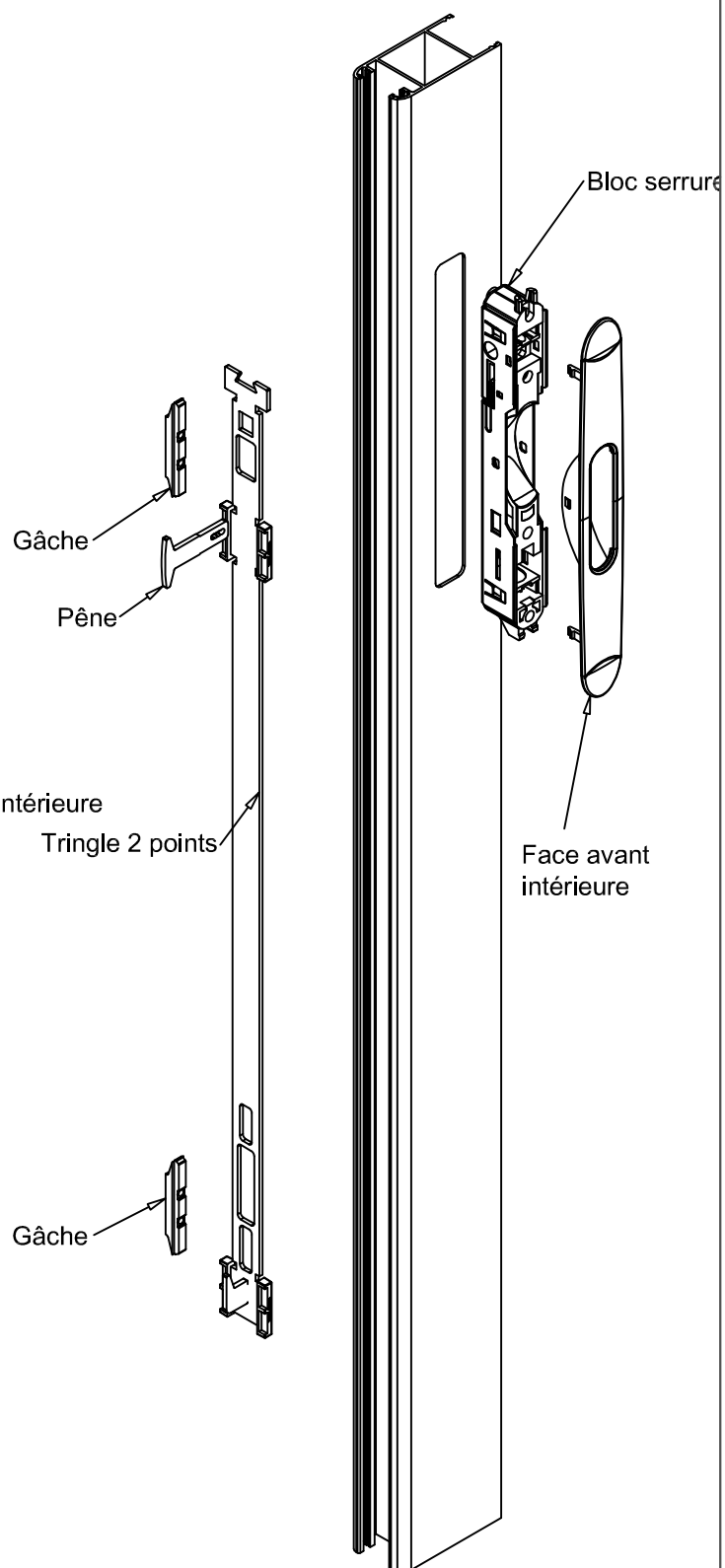
Sect. A-A



Vantail service



Vantail semi-fixe



COULISSANT 70mm

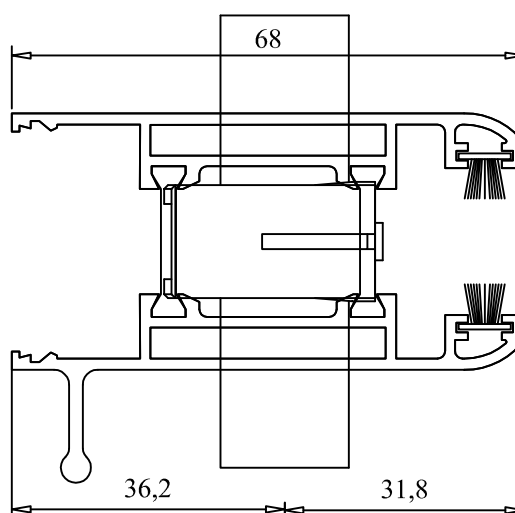
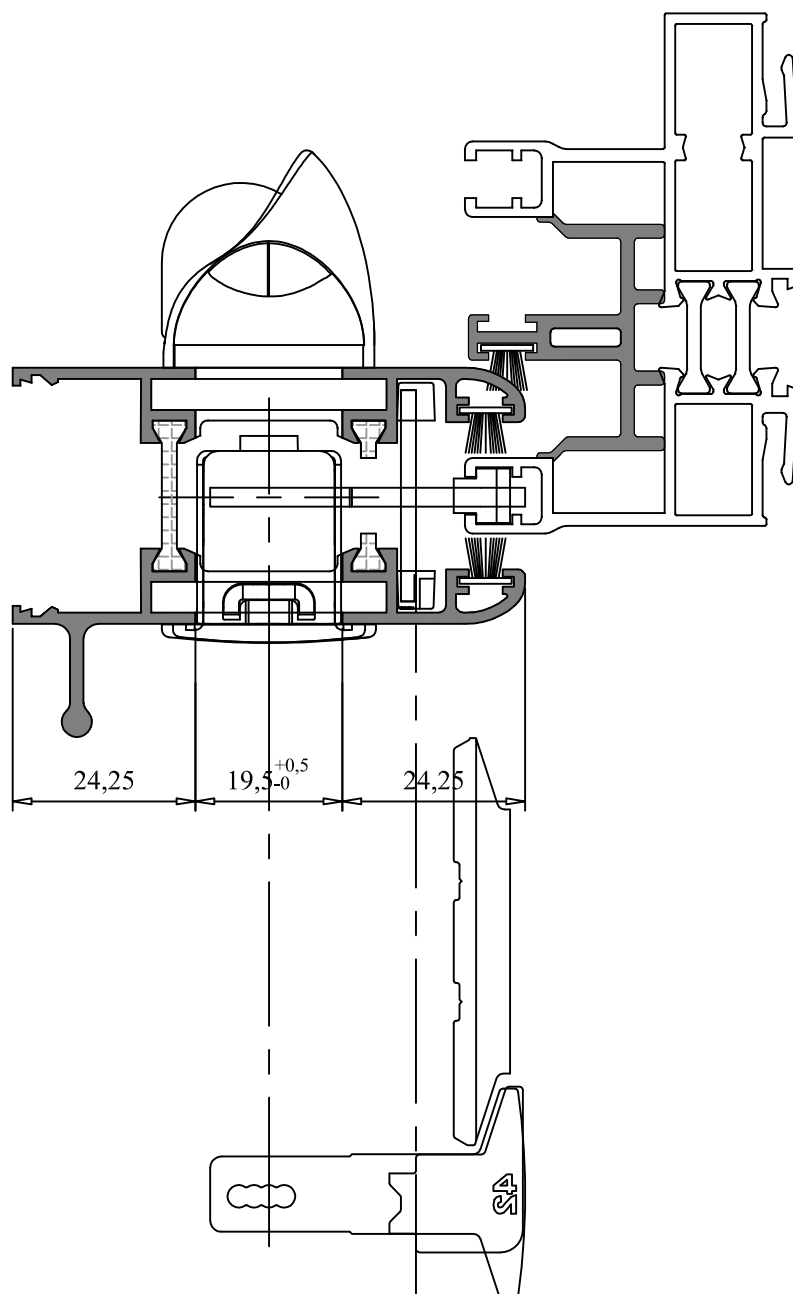
KIT MULTIPOINTS

KSRQU0001

24. | 05-08-2020 | ECHELLE 1:1

aluminium

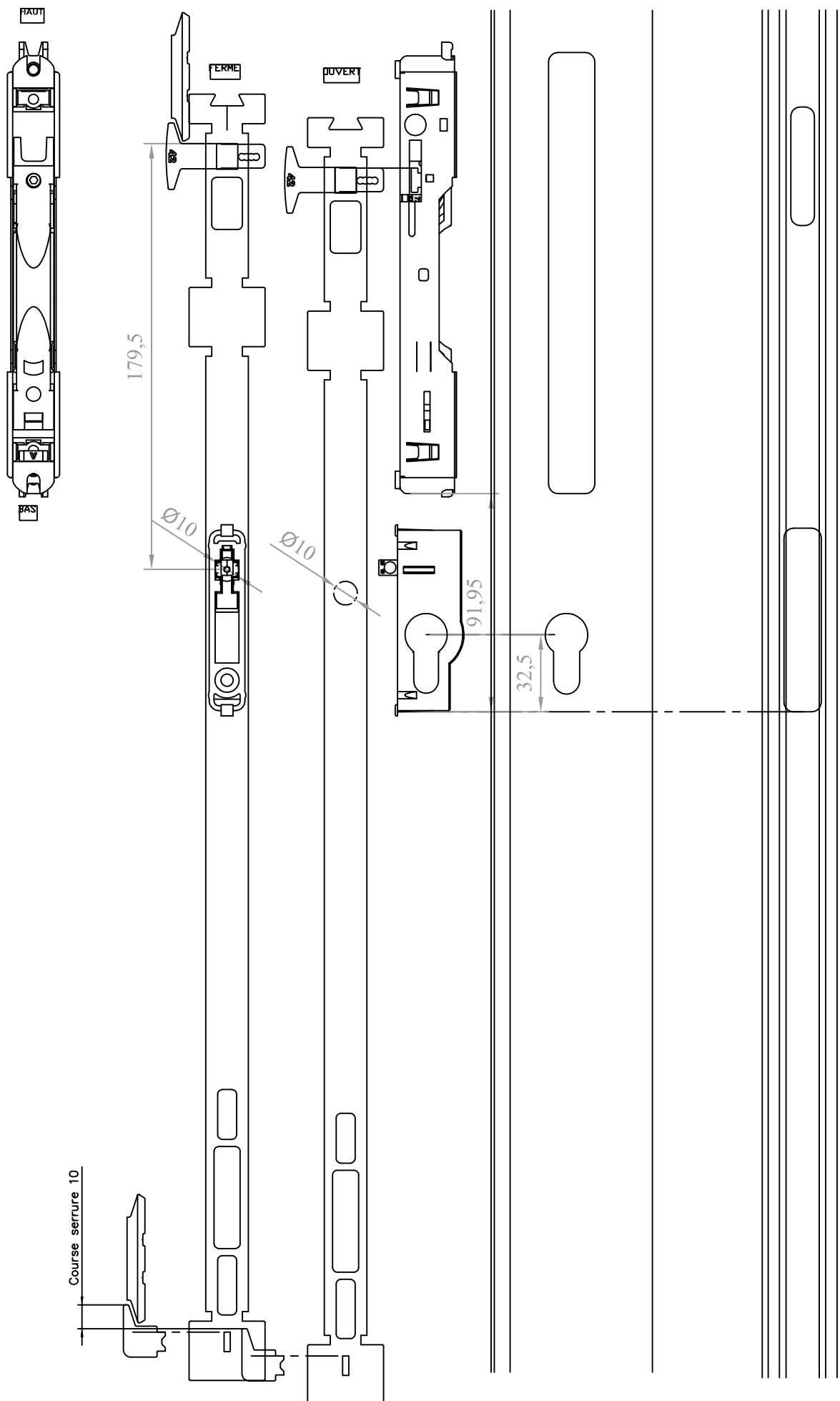
FIR
WINDOWS
& DOORS
GROUPE ATRYA



COULISSANT 70mm

Adaptations Bloc serrure et Boitier de condamnation par cylindre

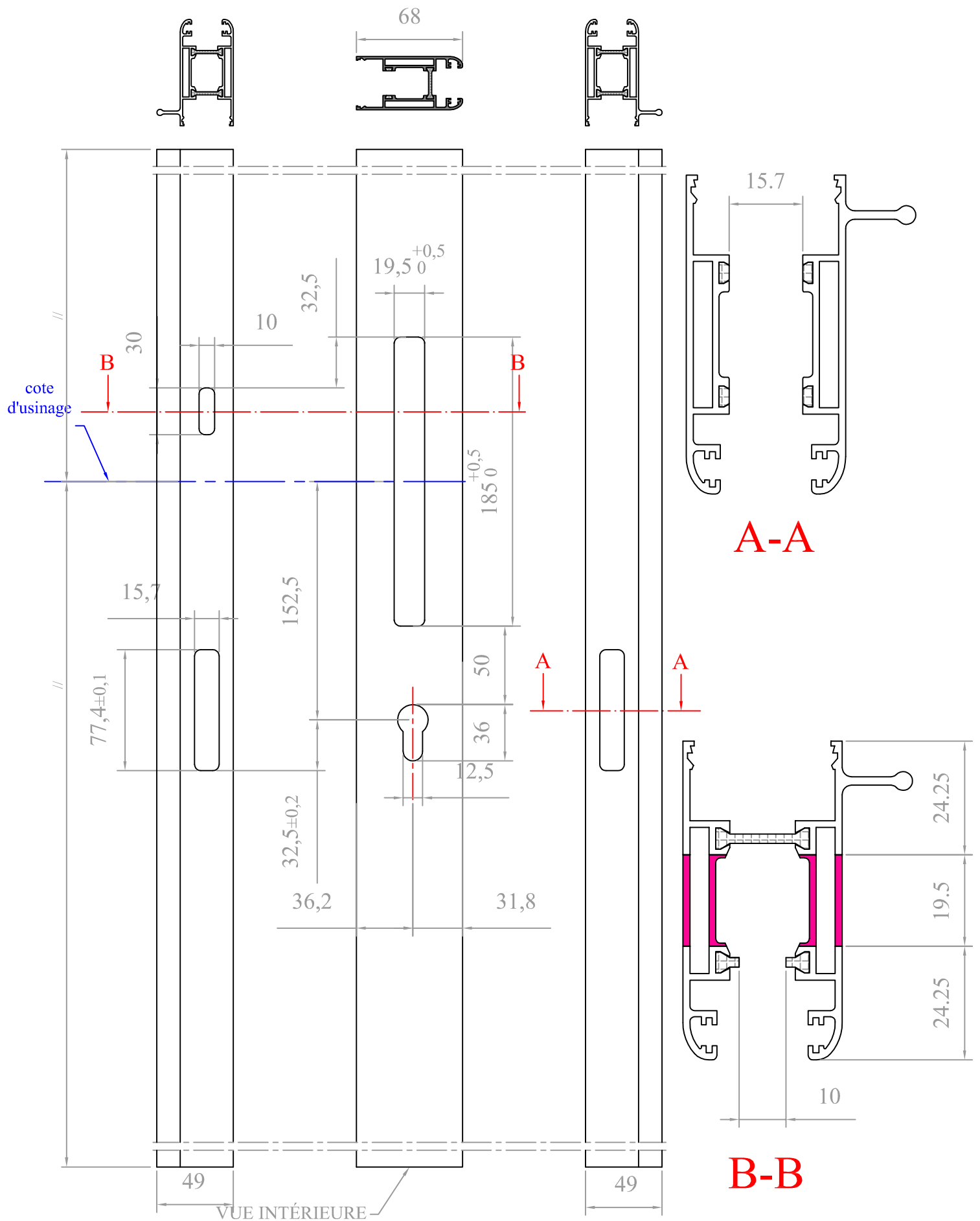
25. | 07-10-2020 | ECHELLE 1:1 | aluminium



COULISSANT 70mm

Implantation kit MULTIPOINTS montant 68mm

26. 05-08-2020 ECHELLE 1:1 aluminium



COULISSANT 70mm

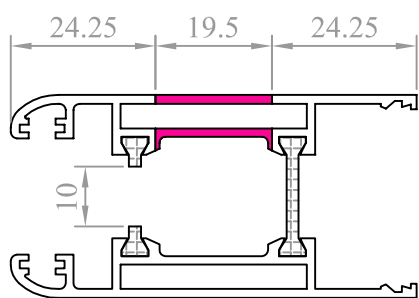
USINAGE Poigne coquille avec barillet 2Pts à Clef

montant 68mm service DR

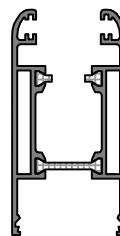
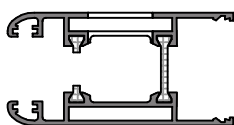
27. 07-10-2020 ECHELLE 1:1

aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRVA



A-A



cote
d'usinage

VUE INTÉRIEURE

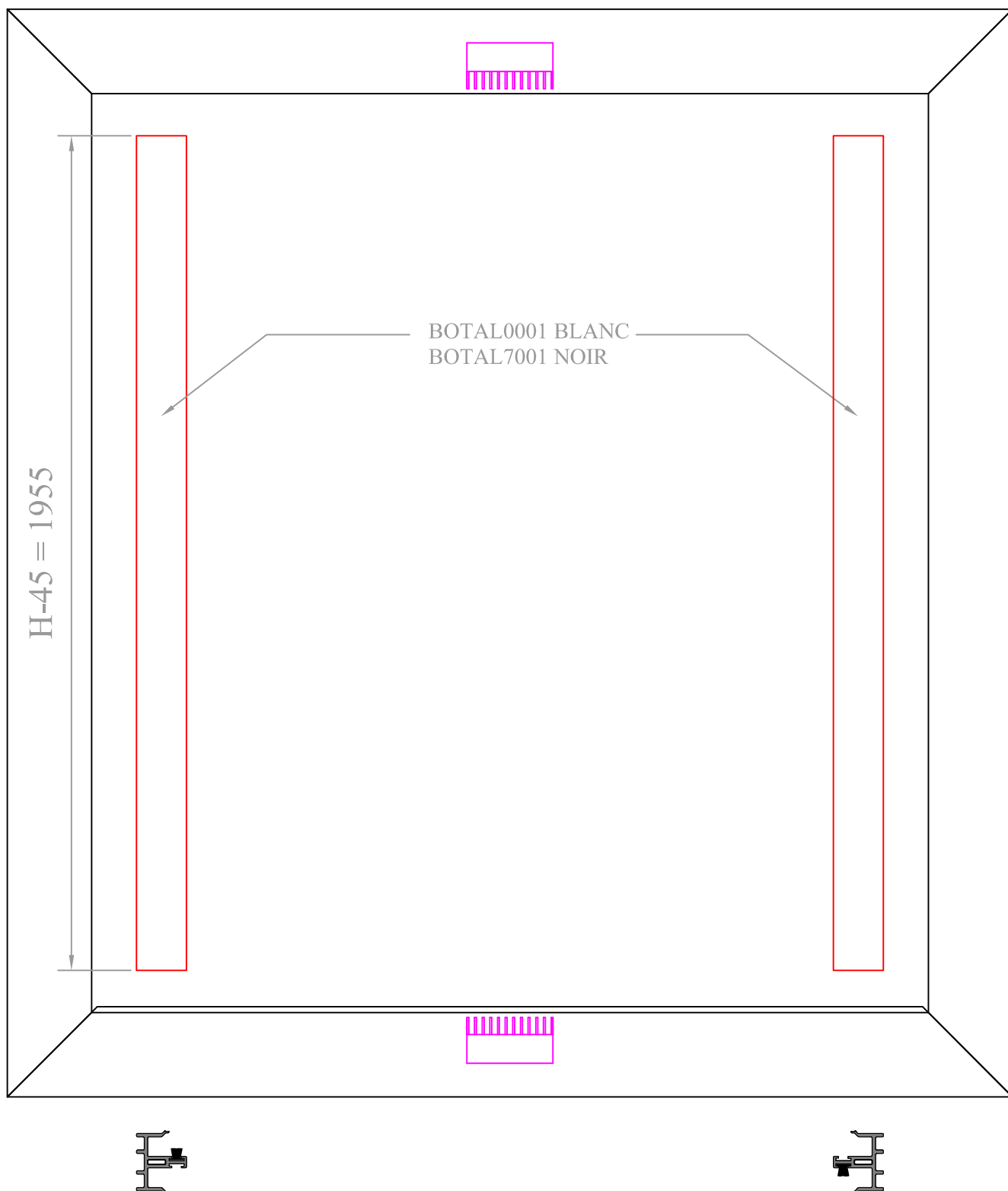
COULISSANT 70mm

USINAGE Poigne coquille montant 68mm secondaire GA

28. | 05-08-2020 | ECHELLE 1:1

aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

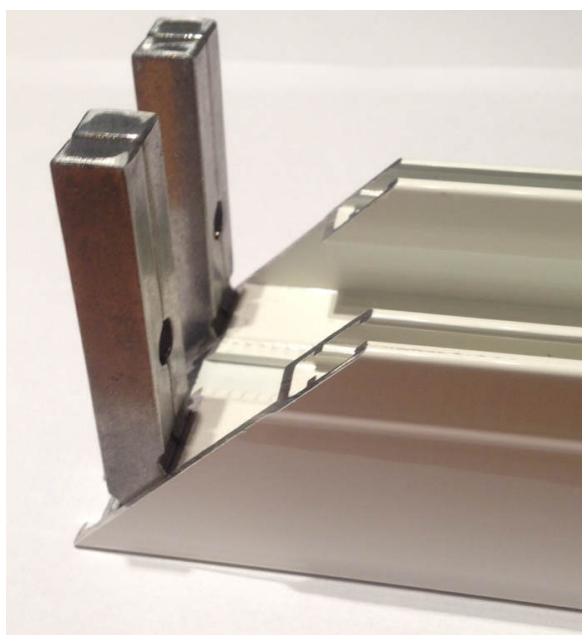
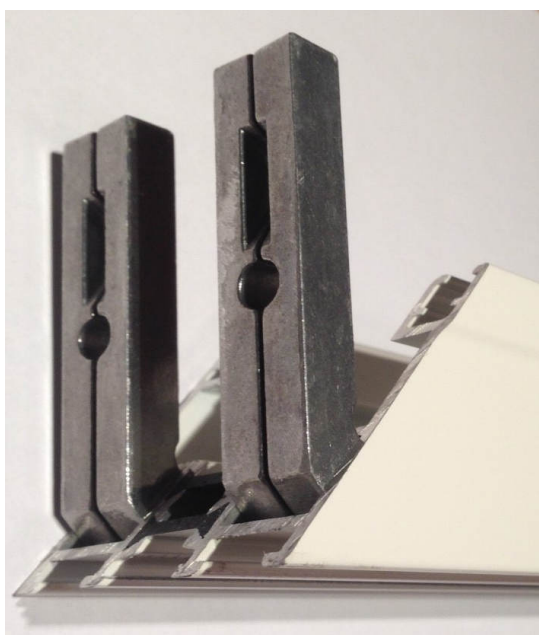
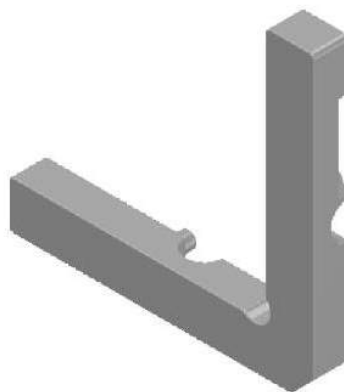
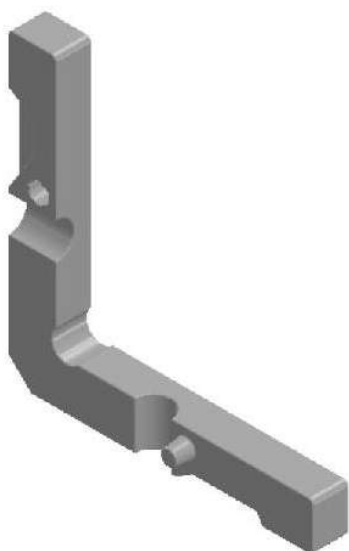
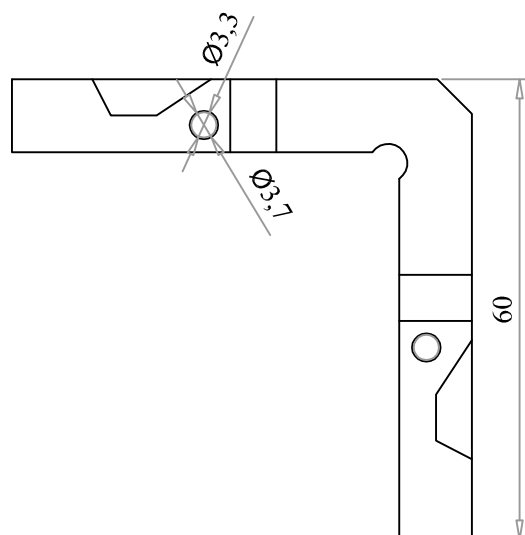
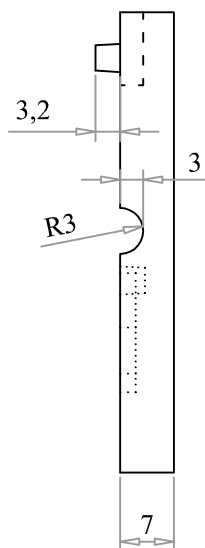
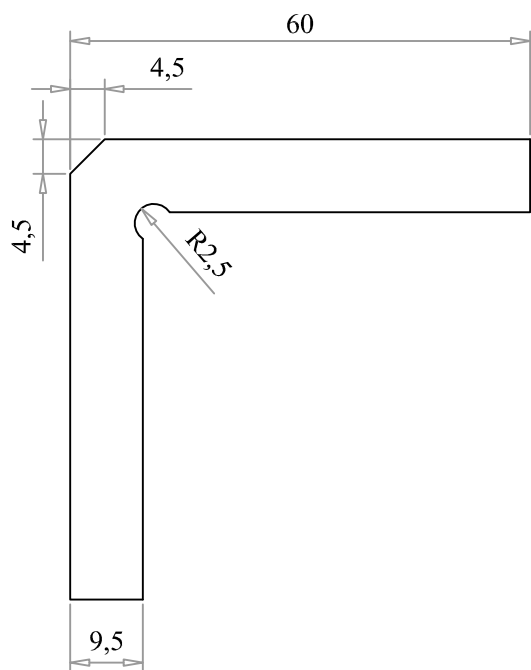


COULISSANT 70mm

BOUCLIER THERMIQUE

29. 05-08-2020 ECHELLE: 1:1 aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA



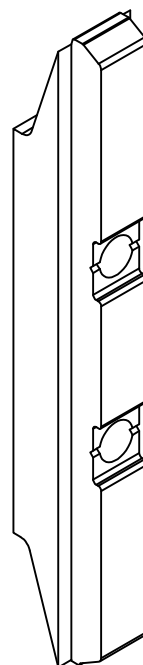
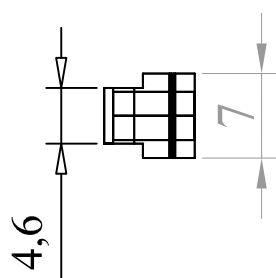
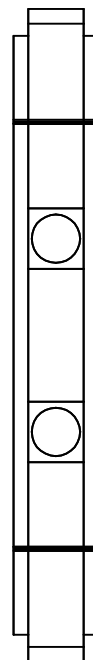
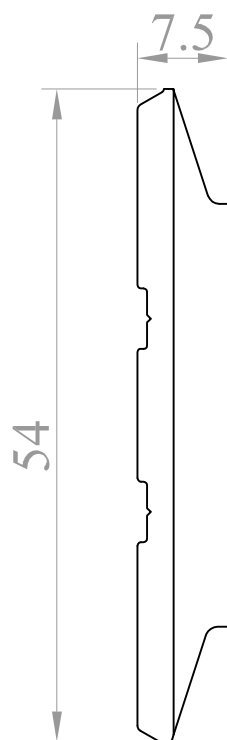
COULISSANT 70mm
EQUERRE

EQUQU0006

30. 05-08-2020 ECHELLE 1:1

aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA



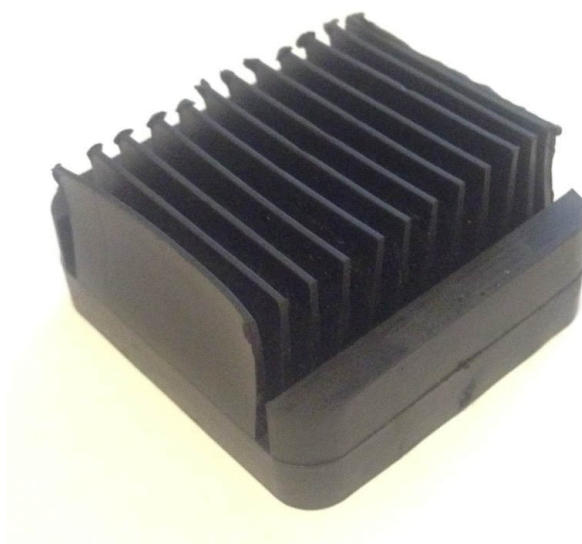
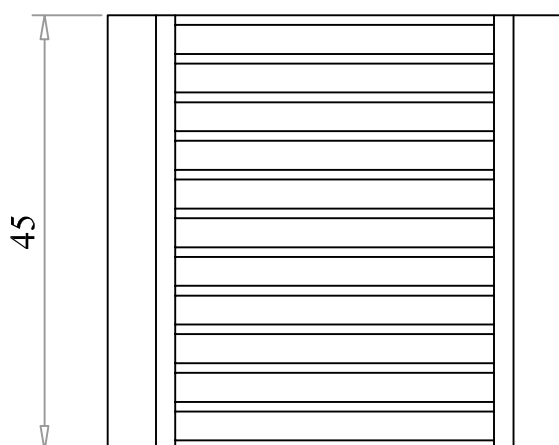
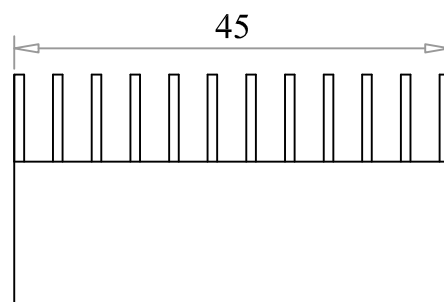
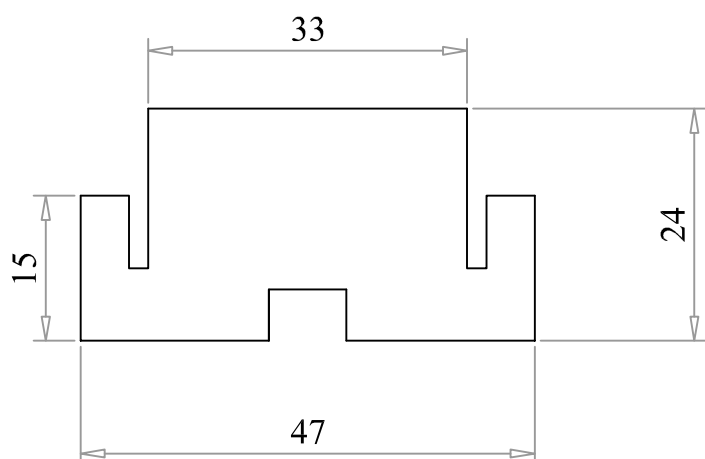
COULISSANT 70mm
GACHE

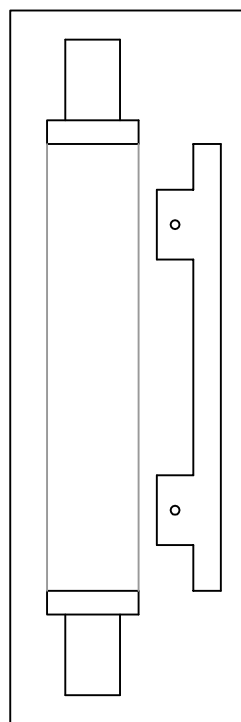
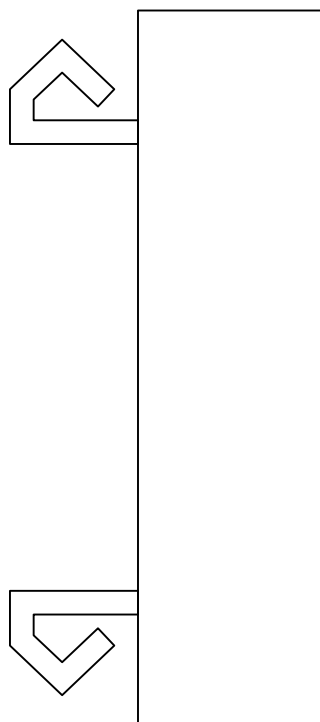
GACQU0001

31. | 05-08-2020 | ECHELLE 1:1

aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA



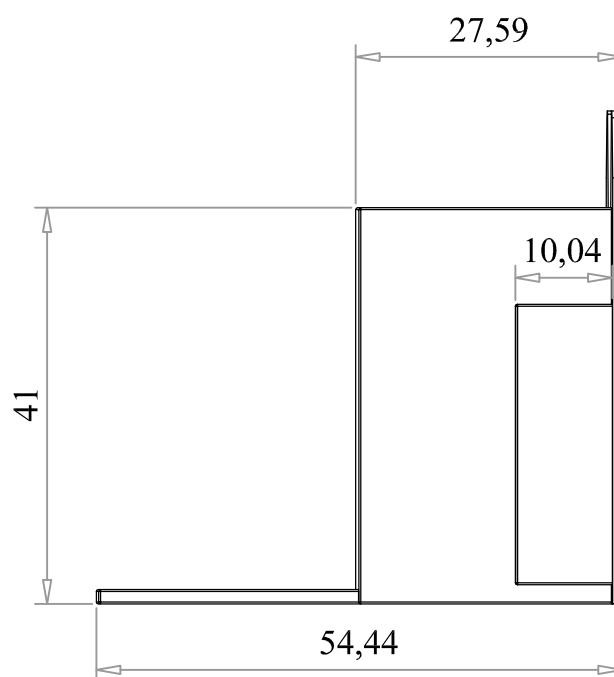
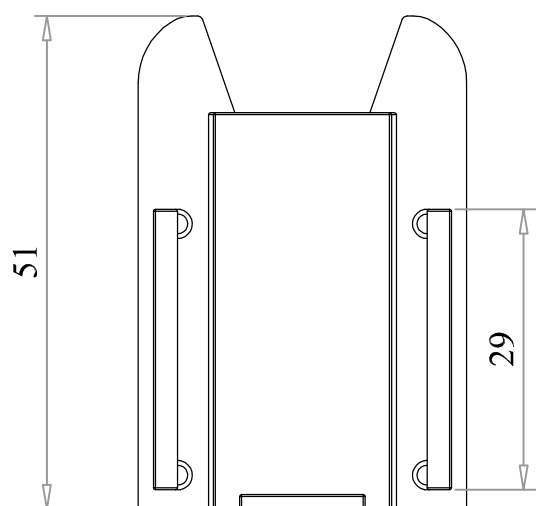
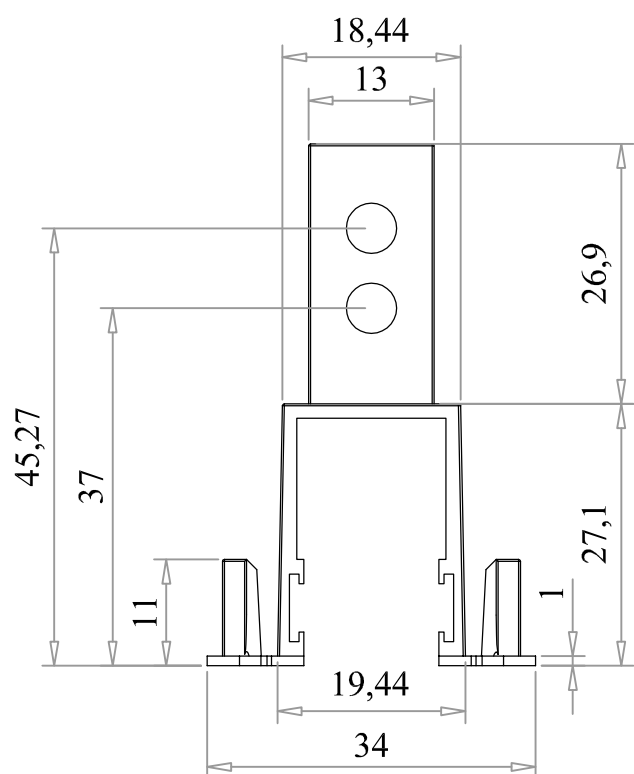


COULISSANT 70mm

Goulotte sans clapet
Goulotte avec clapet

GOUQU0001 SANS CLAPET BLANC
GOUQU0002 AVEC CLAPET BLANC
GOUQU0003 SANS CLAPET GREY
GOUQU0004 AVEC CLAPET GREY

33. | 05-08-2020 | ECHELLE 1:1 | aluminium

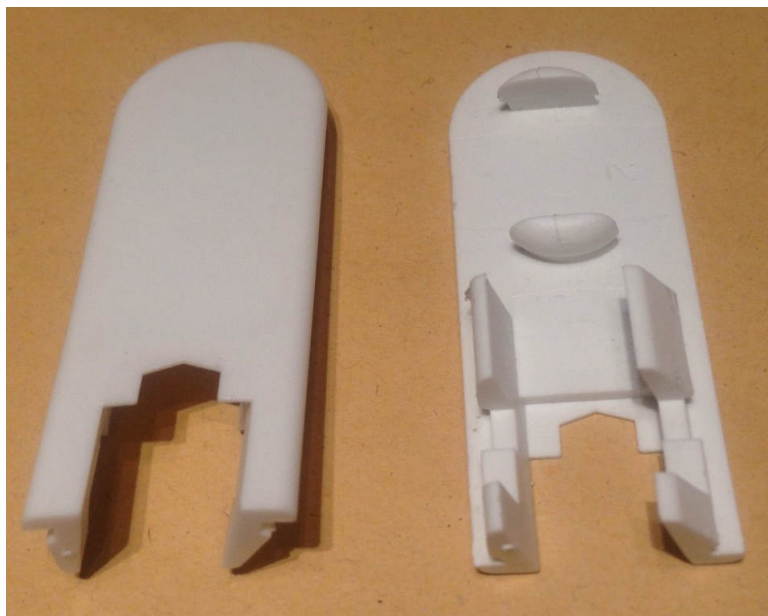
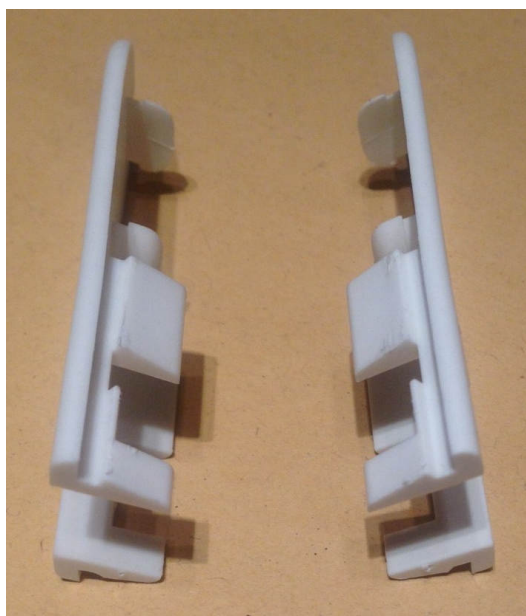
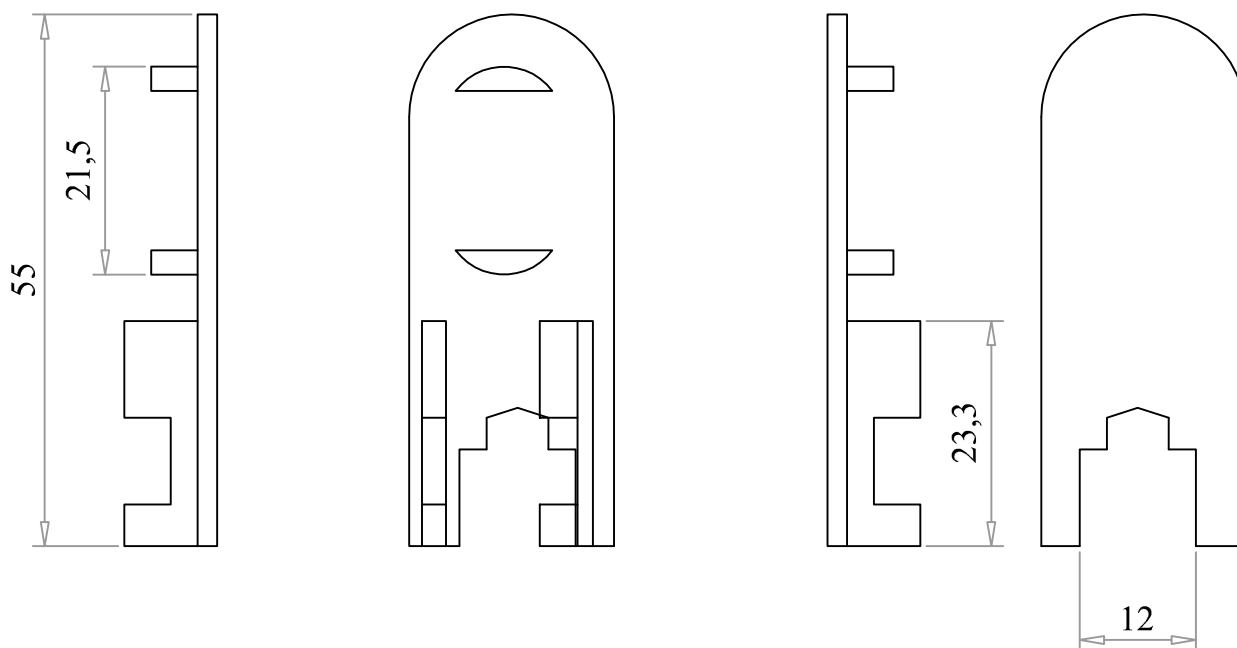


COULISSANT 70mm
ONGLET

OMOQU0007 BLANC
OMOQU0008 NOIRE

34. | 05-08-2020 | ECHELLE 1:1 | aluminium

FIR
WINDOWS
& DOORS
GROUPE ATRYA

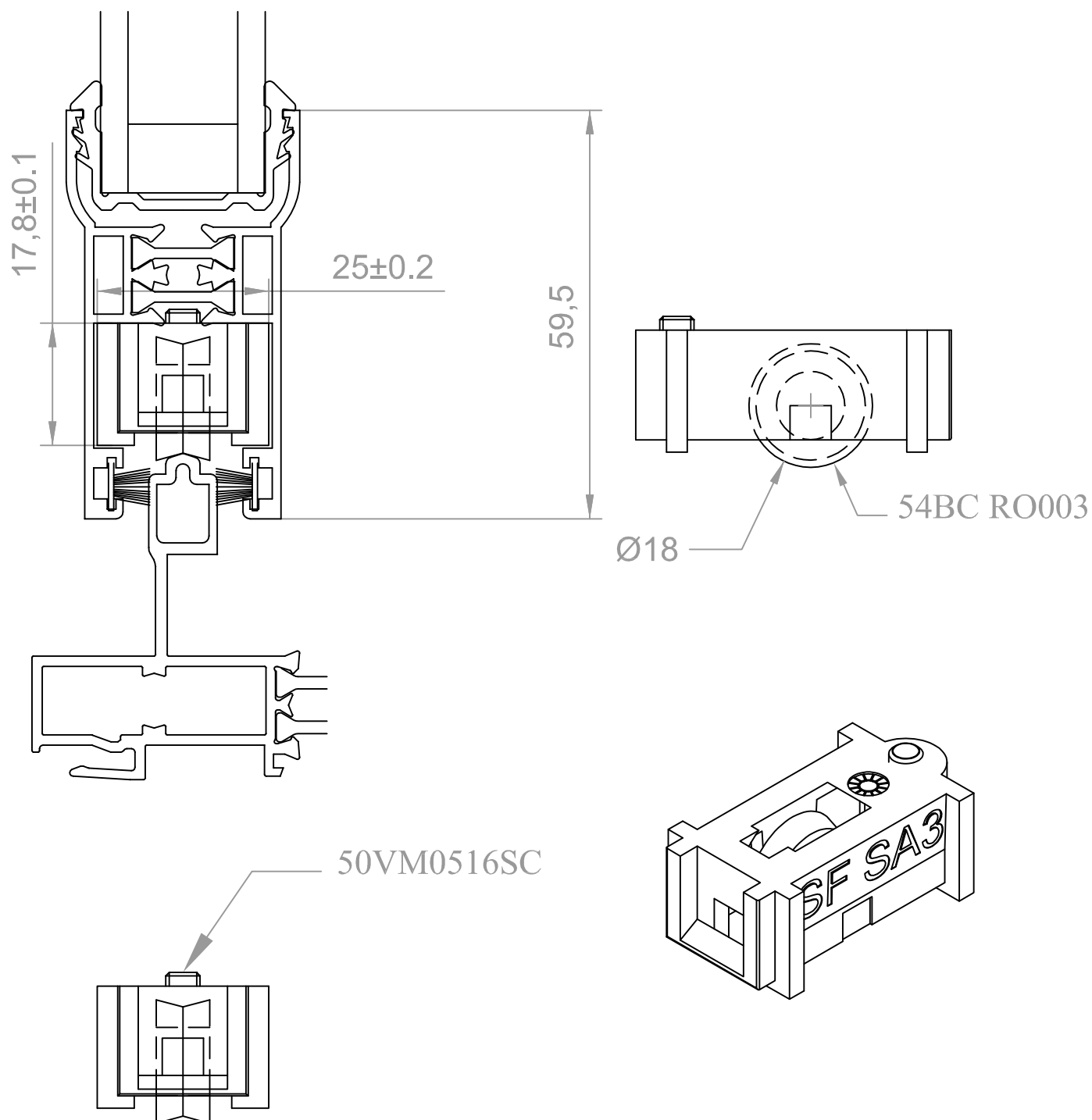


COULISSANT 70mm
CACHE USICLIP

CACQU0001 BLANC
 CACQU0003 GREY

35. | 05-08-2020 | ECHELLE 1:1 | aluminium

FIR
 WINDOWS
 & DOORS
 GROUPE ATRYA



Essais svt NF EN 13.126-15
Charge maximale admissible : 80Kg par vantail

Référence: 11A1 FR2R-1

COULISSANT 70mm

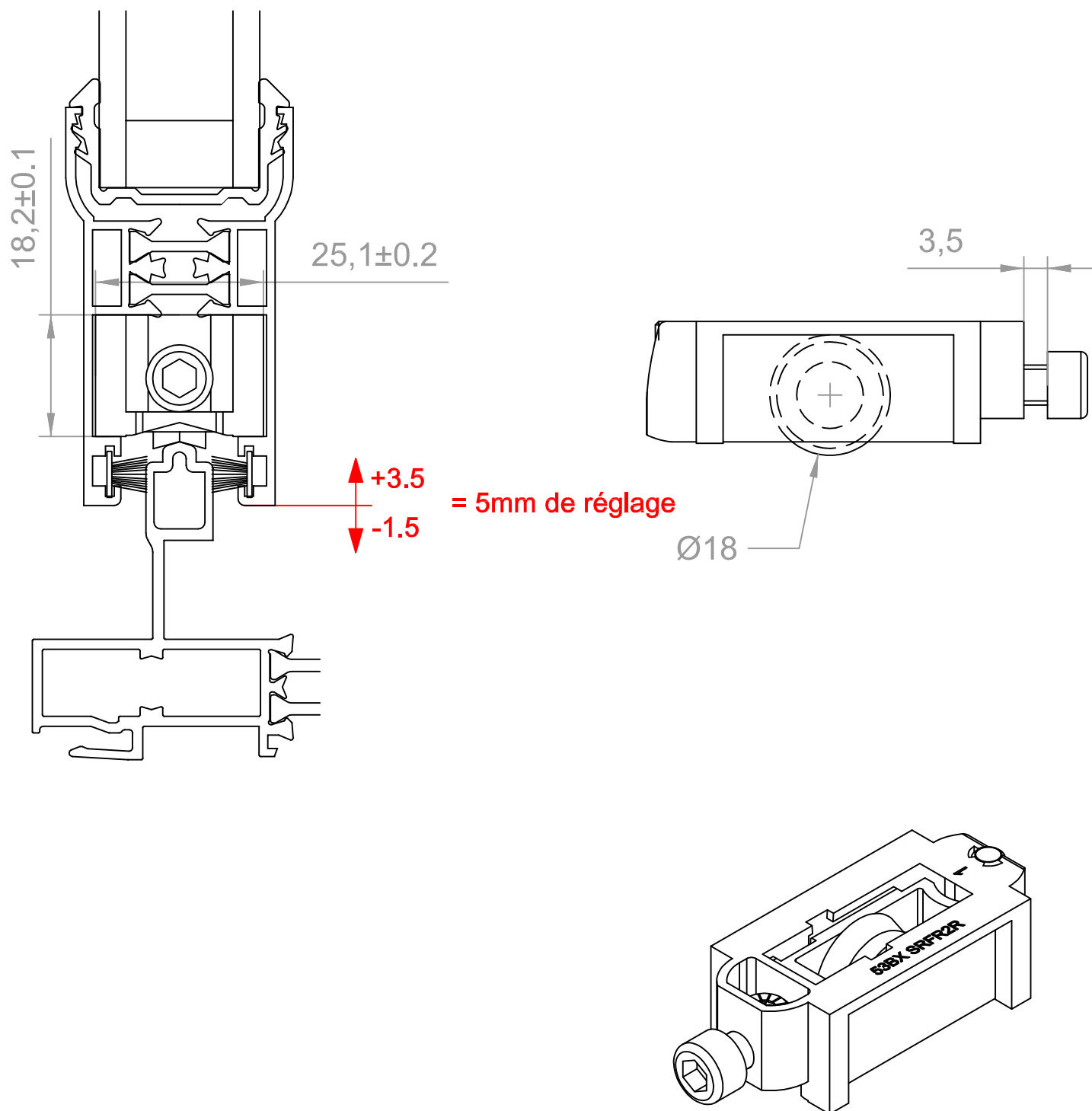
Galet Simple Fixe MT2R

GALQU0001

36. | 05-08-2020 | ECHELLE 1:1

aluminium

FIR
 WINDOWS
 & DOORS
 GROUPE ATRYA



Essais svt NF EN 13.126-15
Charge maximale admissible : 80Kg par vantail

Référence: 11B1 FR2R

COULISSANT 70mm

Galet Simple Réglable FR2R

GALQU0002

37. | 05-08-2020 | ECHELLE 1:1

aluminium

FIR
 WINDOWS
 & DOORS
 GROUPE ATRYA

