



DOSSIER TECHNIQUE MENUISERIE ALUMINIUM



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DESCRIPTIF

- La conception technique du produit permet de réaliser des ouvertures ouvrant en abattant, à la française à 1, 2, 3 et 4 vantaux, ou ouvrant en oscillo battant à 1 ou 2 vantaux, destinées à la construction neuve, comme à la rénovation.
- Visual est conçu sur le principe de **l'ouvrant caché**.
- Visual est compatible avec des isolations allant de 80 à 200mm (épaisseur totale de l'isolant).
- De base profils tubulaires laqués blanc Ral 9016 ou selon une gamme de nombreux coloris RAL associables en mono comme en bi-coloration.

1/ CONCEPTION DES DORMANTS

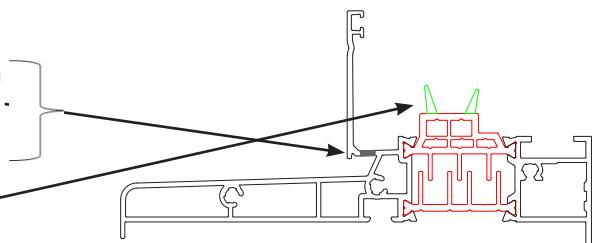
Les profilés sont à rupture TOTALE de pont thermique avec barette PVC de couleur noire.

Pour les dormants dépose totale et rénovation, les profils sont assemblés à coupe d'onglet à 45° par sertissage avec 2 équerres situées dans chaque angle. L'étanchéité est réalisée par un mastic silicone.

Pour les dormants pose en applique, les profils sont assemblés mécaniquement avec une coupe droite à 90° par vissage (le nombre de vis variant suivant l'épaisseur du profil). L'étanchéité est réalisée par une garniture silicone.

Les dormants sont conçus avec une gorge de récupération des eaux et le drainage **invisible** est réalisé par des trous oblongs situés sur la traverse basse.

Le cadre dormant est équipé sur sa périphérie de 2 joints co-extrudé centraux positionnés sur la barette RPT. Ces 2 joints sont de couleur noire. **Dépot d'un brevet FR1554856.**



Pour la construction neuve:

La menuiserie est conçue avec un dormant monobloc pour des isolations totales de 80 - 100 - 120 - 140 - 160 - 180 et 200 mm. Possibilité avec le rajout d'une tapée de 10 mm de répondre aux isolations intermédiaires.

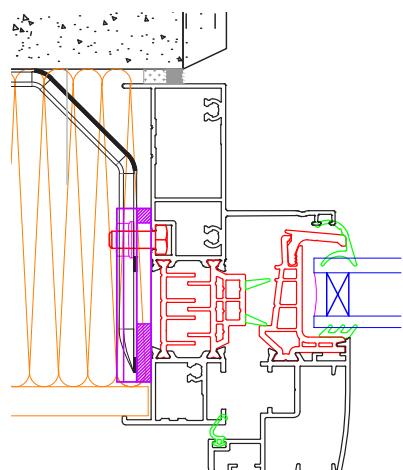
Pièce d'appui de 140 mm avec ou sans aile pour les isolations de 80 à 140 mm avec rejingot déporté suivant épaisseur d'isolation

Pièce d'appui de 200 mm avec ou sans aile pour les isolations de 80 à 200 mm avec rejingot aligné pour isolation de 80 à 140 mm et déporté pour celles de 150 à 200 mm

Pièce d'appui de 260 mm avec ou sans aile pour les isolations de 150 à 200 mm avec rejingot aligné.

Seuil de 20 mm PMR pour toutes les isolations

La pose est réalisée par équerres (+ cales thermiques + vis + écrou)

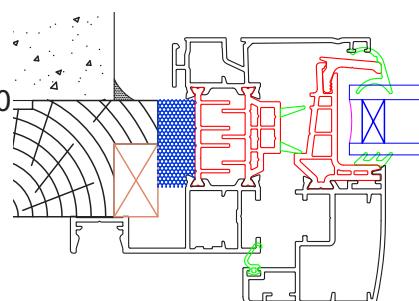


Pour la rénovation sur bâti existant :

Dormant de 74 mm d'épaisseur avec aile de recouvrement de 35 mm ou 70 mm. Possibilité sur le dormant aile de 35 mm de rajouter ,un prolongateur d'aile clippable.

La pose est réalisée soit par :

- fixation en façade à l'aide de vis fournies (dissimulées derrière le cache rainure)
- fixation latérale avec vis bois ou béton sans cheville



DESCRIPTIF



Pour la rénovation en dépose totale :

Dormant de 74 mm d'épaisseur sans aile de recouvrement disponibles pour des cas de pose en feuillure, tunnel, tunnel affleurant.

- Pour la pose en feuillure :

Appui de 74 mm avec rejet d'eau ou en option :

- appui élargi (total avec dormant de 140 mm)
- seuil de 20 mm.

La pose est réalisée soit par :

- Vis béton sans cheville ou vis bois

- Pour la pose en tunnel affleurant :

Appui de 74 avec rejet d'eau ou en option seuil de 20 mm.

La pose est réalisée soit par :

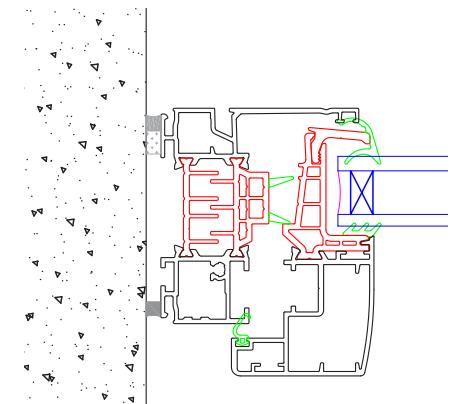
- Vis béton sans cheville ou vis bois
- patte à sceller

- Pour la pose en tunnel :

Appui de 74 avec rejet d'eau ou en option seuil de 20 mm.

La pose est réalisée soit par :

- Vis béton sans cheville ou vis bois



2/ CONCEPTION DES OUVRANTS

Ouvrant de 89 mm d'épaisseur (avec parcloses) assemblé à coupe d'onglet par sertissage avec 2 équerres dans chaque angle : 1 de sertissage et 1 d'affleurement. L'étanchéité est réalisée par un mastic silicone.

Les parcloses extérieures sont également coupées d'onglet. Elles sont indémontables lorsque la menuiserie est en position fermée mais le démontage est aisément possible en position ouverte.

Le joint de frappe de couleur noire et travaillant en compression est posé en périphérie.

L'étanchéité du vitrage est réalisé côté intérieur par un joint co-extrudé posé sur la barrette RPT et côté extérieur par un joint de frappe co-extrudé sur la parcloses PVC. Les 2 sont de couleur noire.

Afin de réaliser des portes balcon (serrure), les profils ouvrant sont équipés d'un profil complémentaire positionné côté serrure permettant d'élargir la masse. Les PB sont disponibles en 1 vantail ou 2 vantaux.

Les portes fenêtres et portes balcons sont de base *sans soubassement*; ce dernier étant réalisable en option.

Les ouvrants sont équipés d'une crémone encastrée multipoints de verrouillage avec galets de cémone réglables.

2 types de ferrage possibles selon la configuration :

- le ferrage à broche traditionnel via des fiches à broche de 40 mm de hauteur et 13 mm de diamètre avec un réglage 2D en dégondant et équipées de base de cache-fiches PVC (en fourniture).

- le ferrage OB avec un réglage 3D sans dégondage et équipées de base de cache-fiches PVC (en fourniture). En option, possibilité d'équiper l'ouvrant à la française d'un ferrage faux OB.

Gâches en zamack.

La menuiserie est équipée d'une poignée SECUSTICK modèle Atlanta. Cette poignée existe en 4 couleurs différentes : blanc, ton alu finition F9, noir 9005, gris ral 7016. (choix selon la couleur intérieure de la menuiserie). Pour les portes balcons bicolores, la couleur est différente entre la bécuelle intérieure et celle extérieure.

Pour les portes balcons, cylindre standard (40/70) finition nickelée.

Verrou bas à levier et verrou haut automatique sur les portes fenêtres et OB.

Verrou bas sur les fenêtres 2 vantaux



DESCRIPTIF



3/ VITRAGE

Grande surface vitrée : clair de vitre >= 78% de la surface totale de la menuiserie.

2 profils de parcloses différents ont été étudiés pour recevoir un double vitrage à l'argon de 24 mm ou 28 mm à isolation thermique renforcée sous agrément CEKAL. De base vitrage de 24 mm 4/16 argon/4 ITR (coefficient thermique du vitrage $U_g = 1,1 \text{ W/m}^2\text{K}$) avec intercalaire TGI de couleur noire.

4/ VOLET ROULANT

Le volet roulant est identique à celui équipant les menuiseries PVC.

Il est possible pour des isolations de 100, 110, 120, 130, 140, 150, 160, 170, 180, 190 et 200 mm.

2 tailles de coffre : taille 2 (hauteur de 165 mm) et taille 3 (hauteur 205 mm).

Tablier avec lames PVC ou aluminium :

- Lames PVC au pas de 37 mm : ton blanc ou ton sable proche Ral 1013. Monotablier jusqu'à une largeur de menuiserie de 1800 mm tableau.

- Lames aluminium au pas de 42 mm disponibles en 23 coloris au choix : blanc Ral 9016, sable Ral 1013 et 1015, Noir Ral 9005, Gris Ral 7016, 7035, 7036 et 9006 (couleur assortie à la finition anodisée AS1), Bleu Ral 5003, 5010, 5012 et 5023, Bronze Ral 1247, Marron Ral 8017, Rouge Ral 3002, 3004 et 3011, Vert Ral 6005, 6021 et 6029, Beige /Gris Ral 1019, ton sable proche ton bois menuiseries PVC, ton bois, noir 2100.

Monotablier jusqu'à une largeur de menuiserie de 3000 mm tableau.

Les coulisses et la lame finale sont toujours de la couleur extérieure de la menuiserie.

Couleur du coffre variable selon le type de pose :

- pose en applique : par défaut coffre de couleur blanc avec en option possibilité de le contretyper à la couleur intérieure de la menuiserie.

- pose en tunnel, feuillure intérieure ou rénovation : Profilés intérieurs + joues de la couleur intérieure de la menuiserie, profilé extérieur de la couleur extérieure de la menuiserie

De base, manoeuvre par treuil sortie dessous articulée, en option treuil sortie latérale, motorisation filaire ou radio (IO ou RTS).

5/ BBI

Le BBI est possible pour des isolations de 100, 110, 120, 130, 140, 150, 160, 170, 180, 190 et 200 mm.

Lames aluminium uniquement au pas de 42 mm.

Les lames aluminium sont disponibles en 23 coloris au choix : blanc Ral 9016, sable Ral 1013 et 1015, Noir Ral 9005, Gris Ral 7016, 7035, 7036 et 9006, Bleu Ral 5003, 5010, 5012 et 5023, Bronze Ral 1247, Marron Ral 8017, Rouge Ral 3002, 3004 et 3011, Vert Ral 6005, 6021 et 6029, Beige /Gris Ral 1019, ton sable proche ton sable menuiseries PVC, ton bois, noir 2100.

Monotablier jusqu'à une largeur de menuiserie de 3000 mm tableau.

Les coulisses et la lame finale sont toujours de la couleur extérieure de la menuiserie.

De base, manoeuvre par treuil sortie en façade, en option motorisation filaire ou radio (IO ou RTS).

6/ COLORIS

De base les menuiseries sont thermolaquées en blanc RAL 9016.

En option de nombreuses autres couleurs en finition lisse ou sablée sont disponibles en mono comme en bi-coloration

6/ COLORIS

Ces couleurs sont réparties selon 2 niveaux :

- les couleurs dites préférentielles regroupant :

- 2 couleurs en finition lisse : Gris Ral 7016 et Bronze Ral 1247. En mono coloration pour les 2, et en bi coloration 9016 int. / 7016 ext.

- 1 couleur en finition sablée : noir 2100 F en mono coloration

- 1 couleur en finition anodisée : AS1 (couleur alu naturel) en mono coloration

- les autres couleurs regroupant un grand nombre de couleurs RAL

- 157 couleurs en finition lisse

- nombreuses couleurs en finition sablée

7/ OPTIONS

- Ventilation 22, 30 et 45 m³/heure en version autoréglable standard ou acoustique niveau 1 ou 2, version hygroréglable acoustique ou non acoustique de 6 à 45m³/h . Ces grilles existent en blanc Ral 9016 et dans les 5 autres couleurs : gris ral 7016, gris ral 9006 (en association avec l'anodisé AS1), bronze ral 1247, noir ral 9005 et ton sable proche du ton sable des menuiseries PVC

- Variantes de vitrage (retardateur d'effraction, acoustique, 4 saisons, bio clean etc...) pour double vitrage de 24 ou 28 mm.

- Intercalaire Swissspacer Ultimate noir ou aluminium noir

- Petits intégrés de 26 mm de largeur. Couleur contretypée à la menuiserie (uni ou bi-couleur).

- Cache fiche classique en PVC coloris blanc, noir, gris ou bronze.

- Cache fiche en alu bout plat (sauf OB) : blanc 9016, gris alu finition F9, noir 9005 ou gris 7016.

- Passage Volet Roulant.

- Soubassement plein (panneau isolant de 24 mm ou 28 mm) ou vitré sur porte-fenêtre (crémone) ou porte -balcon (serrure).

- Poignée non Secustick

- Poignée de fenêtre fermant à clé : blanc ou gris clair ral 9006

- Cylindre de sécurité finition nickelée

- Cylindre de sécurité s'entrouvant (mêmes clés) finition nickelée

- Poignée centrée sur fenêtre ou PF 2 vantaux

- Ferrage symétrique sur OF et sur OB 2 vantaux (faux OB)

- Verrou bas à levier et verrou haut automatique sur les fenêtres

- Variante d'habillages pour la pose en rénovation et dépose totale

7/ PERFORMANCES

Finition

- Anodisé QUALANOD Label EWAA.EURAS Classe 20 microns.
- Thermolaqués QUALICOAT qualité MARINE label 60 microns.
- Bi-coloration QUALICOAT qualité MARINE label 60 microns.



	Fenêtre 1 vtl 148 x 125	Fenêtre 2 vtx 148 x 153	Porte fenêtre 2 vtx 218 x 153
Uw	1.3	1.4	1.4
Sw	0.48	0.46	0.48
Tlw	0.65	0.63	0.66

Etanchéité à l'air : A*3

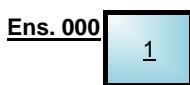
Etanchéité à l'eau : E*7B

Etanchéité au vent : V*B3

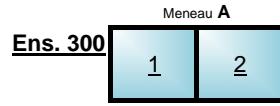
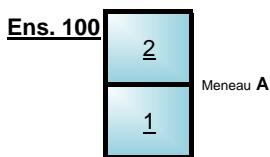
SYNOPTIQUE



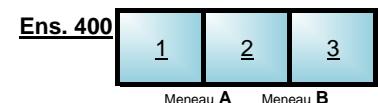
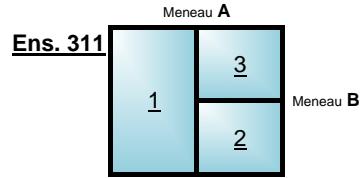
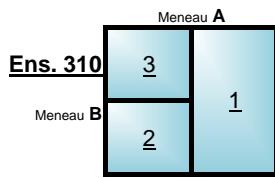
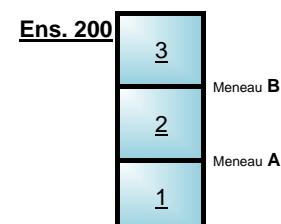
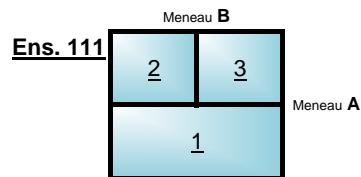
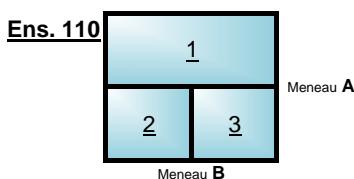
Ensemble 1 zone



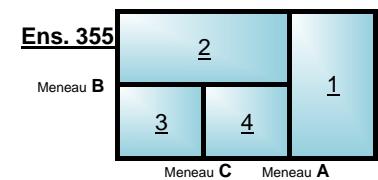
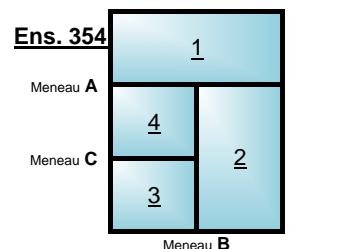
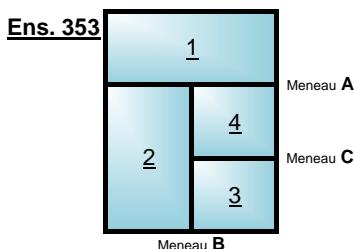
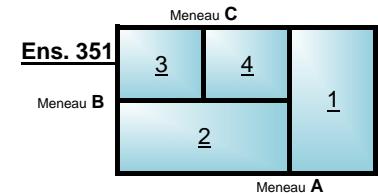
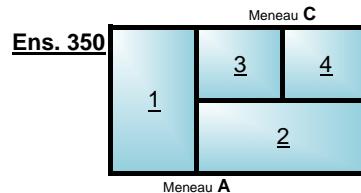
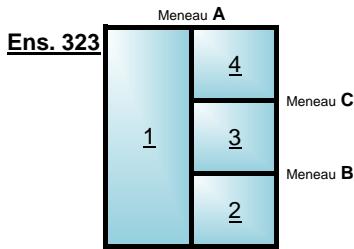
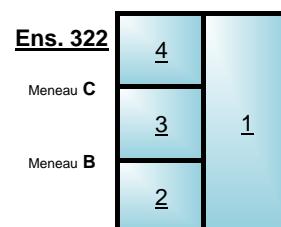
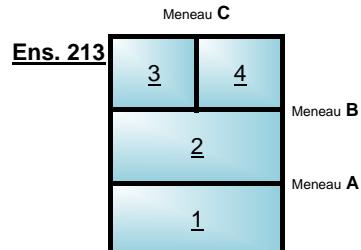
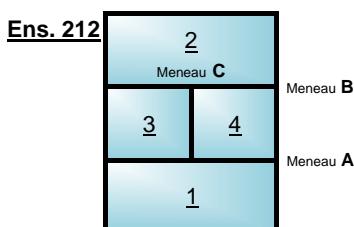
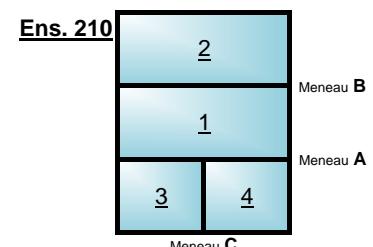
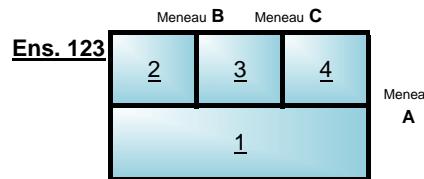
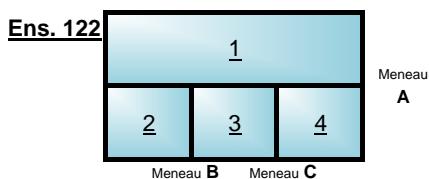
Ensemble 2 zones



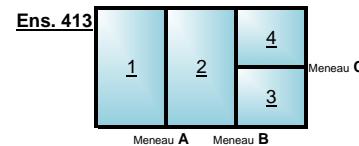
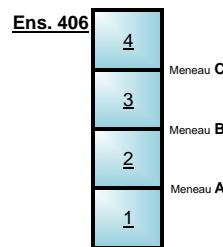
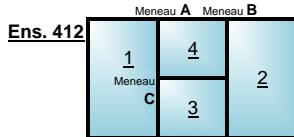
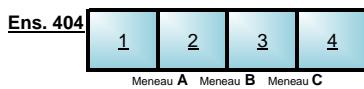
Ensemble 3 zones



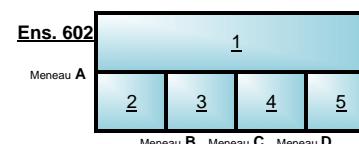
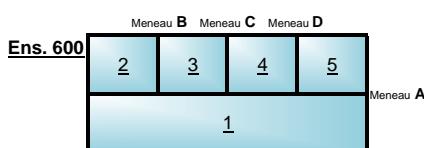
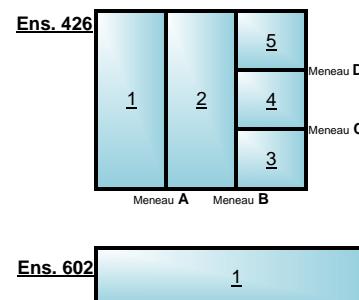
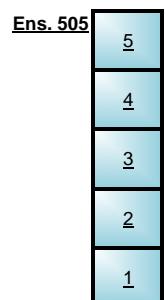
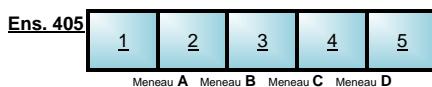
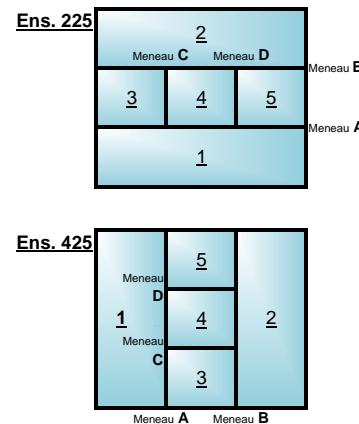
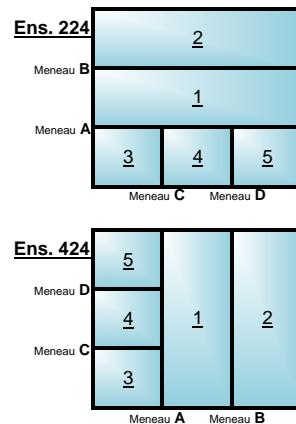
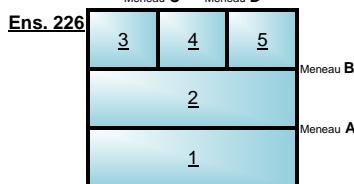
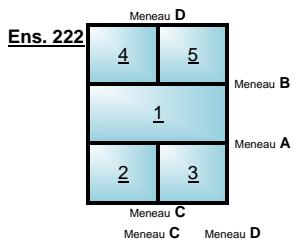
Ensemble 4 zones



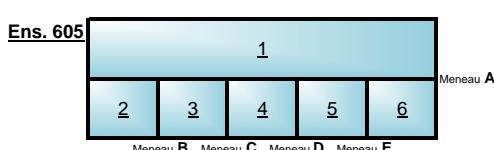
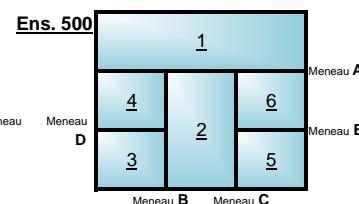
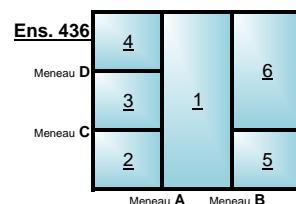
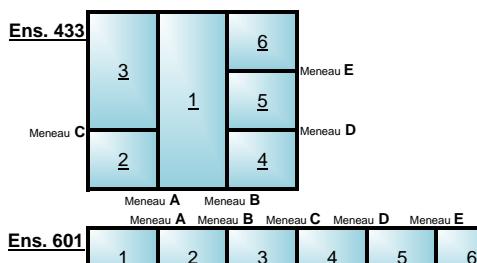
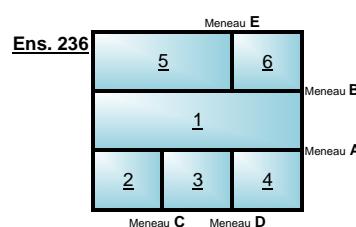
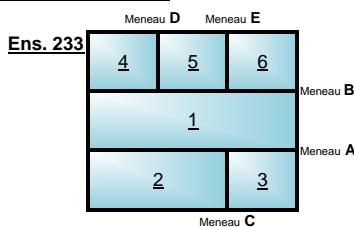
SYNOPTIQUE



Ensemble 5 zones



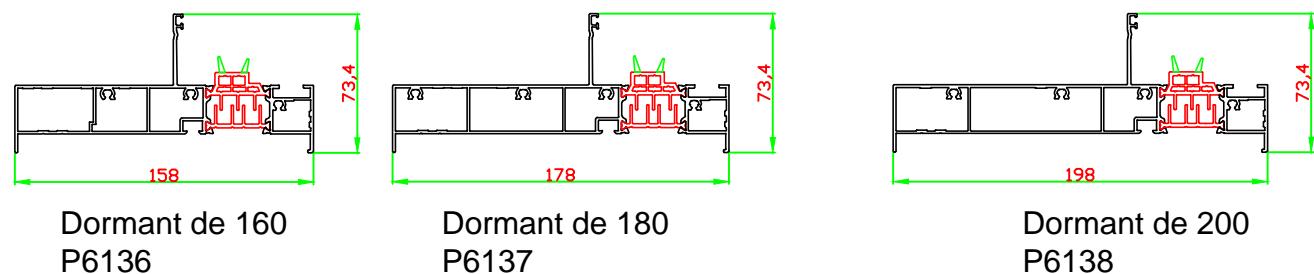
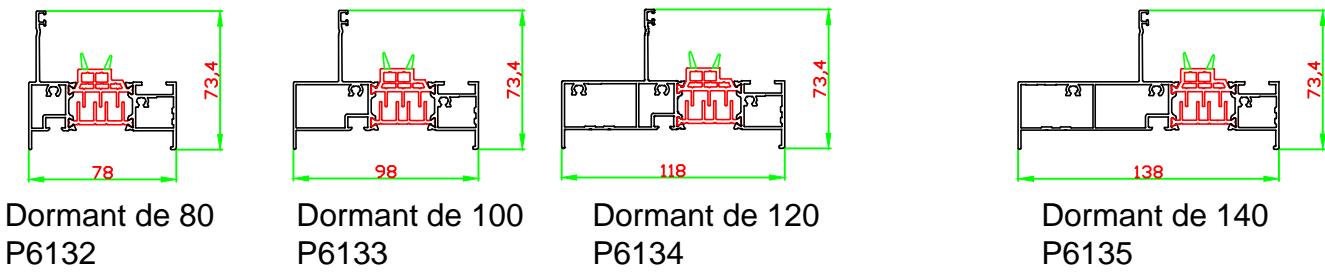
Ensemble 6 zones



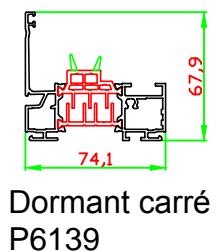
POSTER DES PROFILS

LES DORMANTS

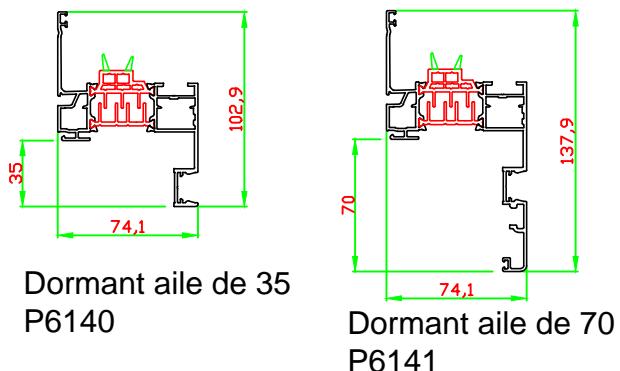
Dormants pose en applique



Dormants dépose totale

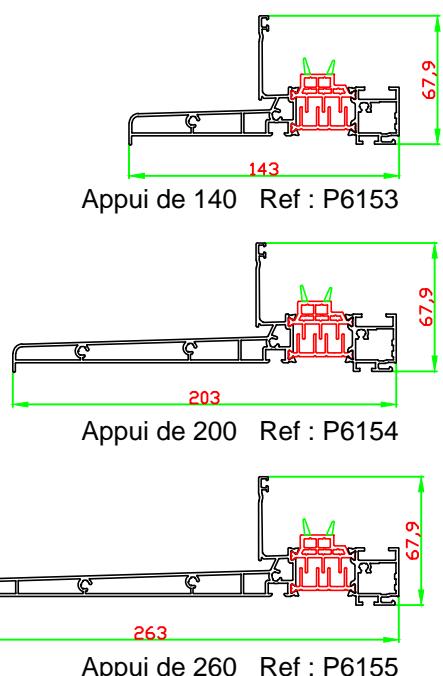
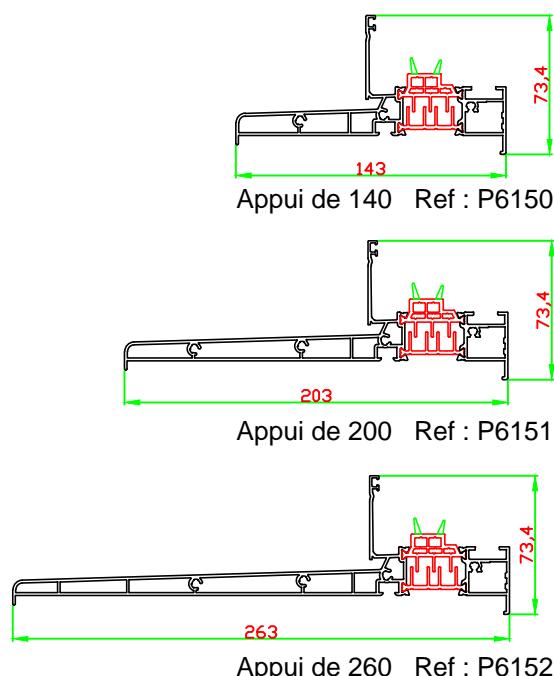


Dormants rénovation



Appui avec aile

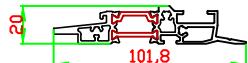
Appui sans aile (pour PF & PB)



POSTER DES PROFILS

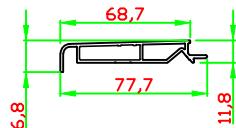
LES DORMANTS (suite)

Le seuil PMR



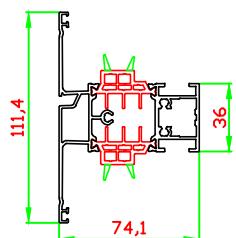
Seuil de 20 mm PMR
P6156

L'appui élargi

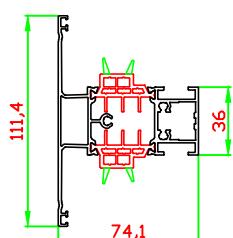


Appui élargi P6401

Traverse et meneau



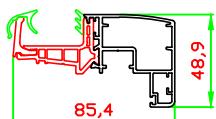
Traverse intermédiaire
P6142



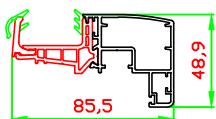
Meneau
P6143

LES OUVRANTS

Ouvrants principal

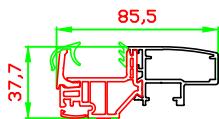


Ouvrant avec parcloses
de 24 mm P6020

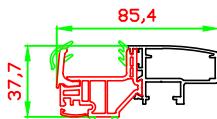


Ouvrant avec parcloses
de 28 mm P6021

Ouvrants secondaire

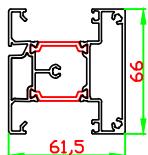


Ouvrant avec
parcloses de
24 mm P6022



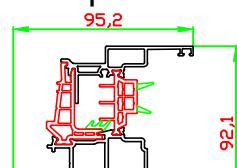
Ouvrant avec
parcloses de
28 mm P6023

Traverse intermédiaire



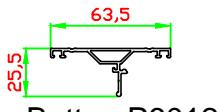
Traverse intermédiaire
P6014

Complément de porte balcon

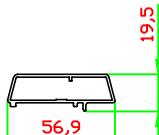


Complément PB
P6026

Battue et battement



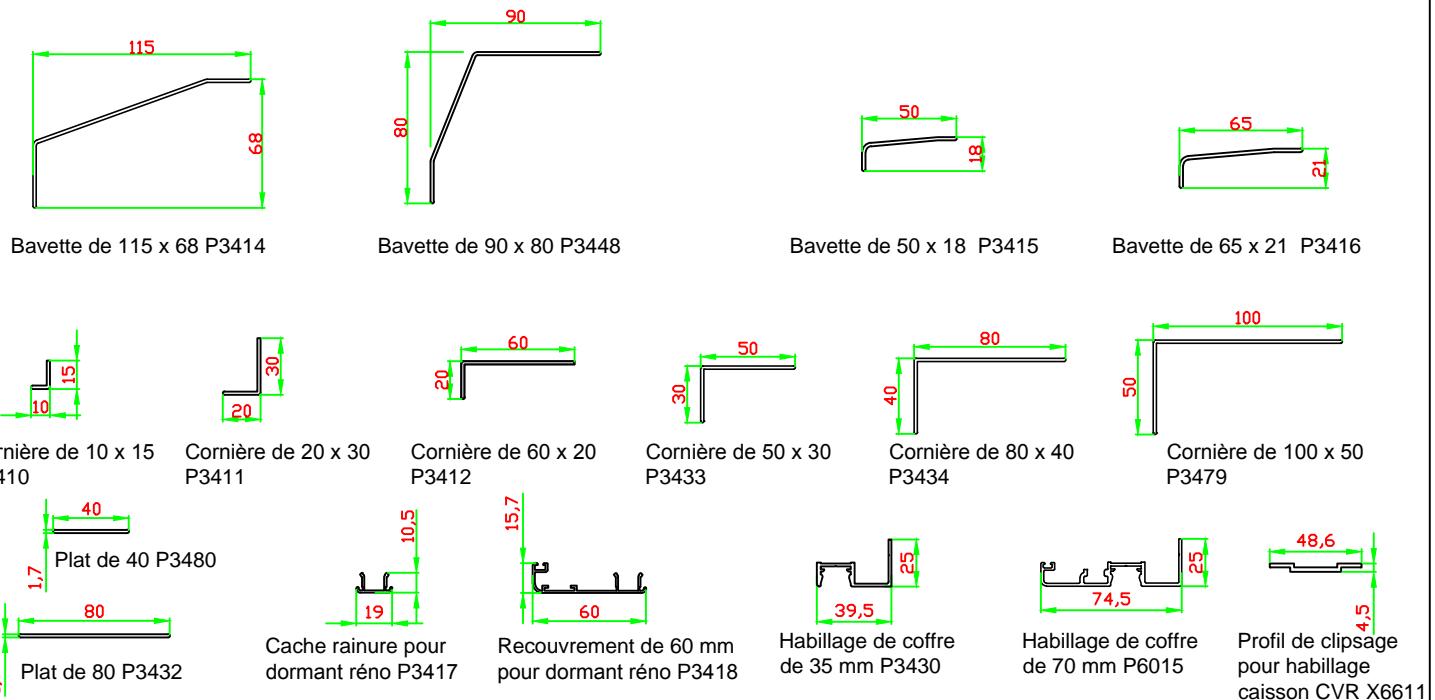
Battue P6012



Battement poignée
centrée P6012

POSTER DES PROFILS

LES HABILLAGES



LES FOURRURES



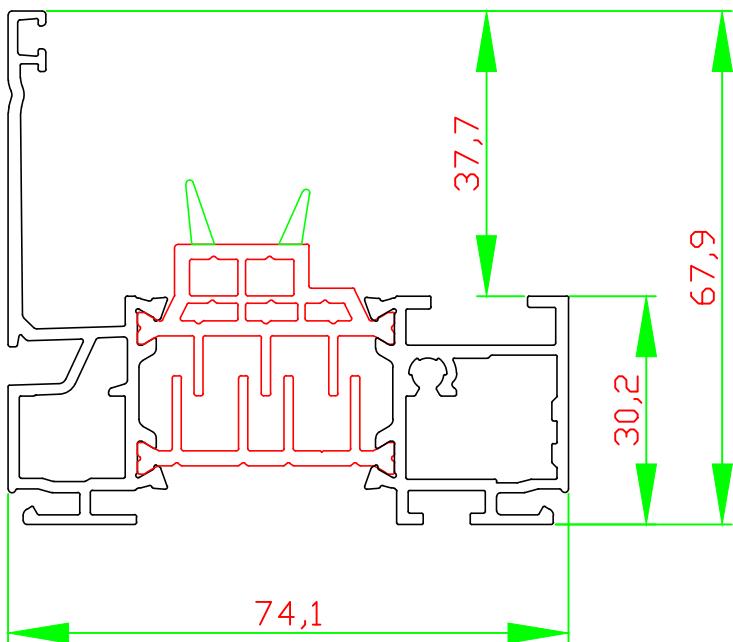
LES COULISSES



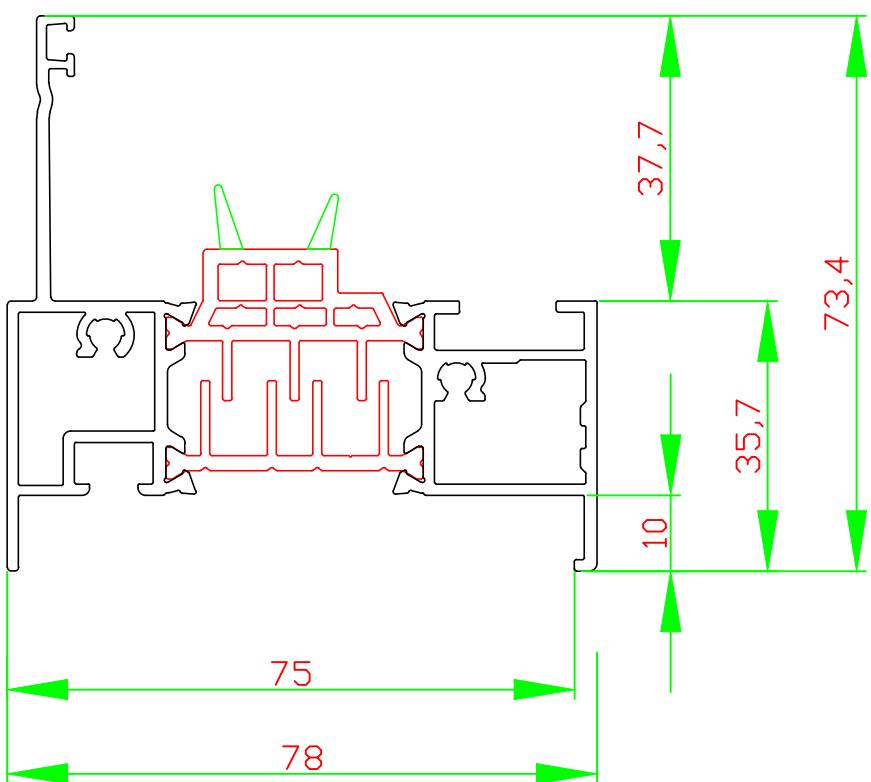
LES COMPLEMENTS



POSTER DES PROFILS

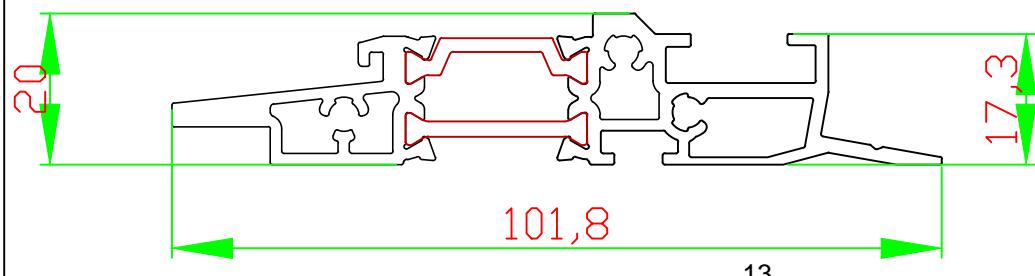


Dormant carré P6139

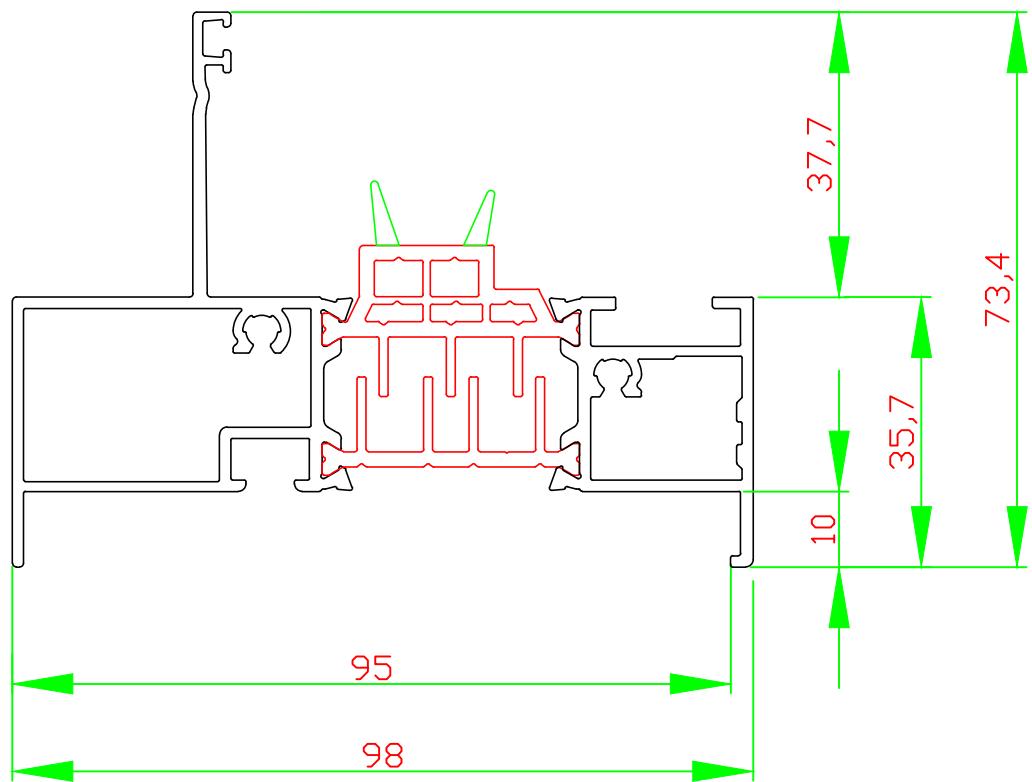


Dormant monobloc de 80 P6132

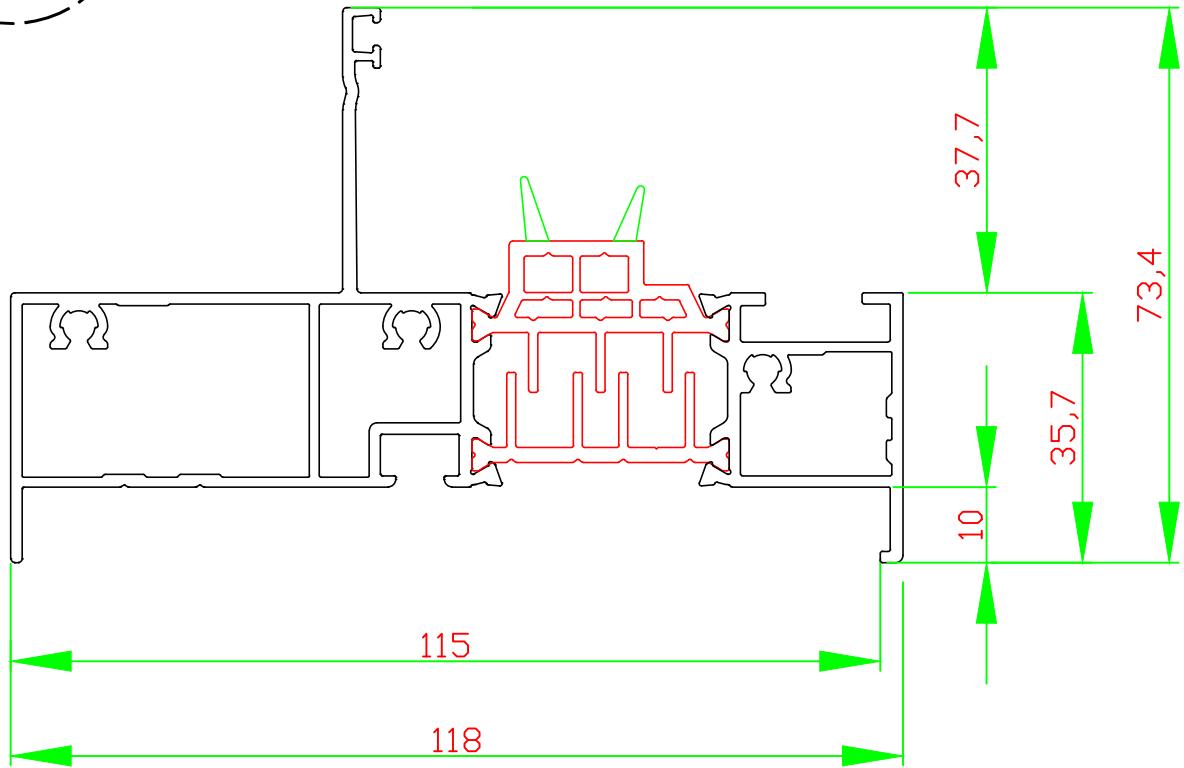
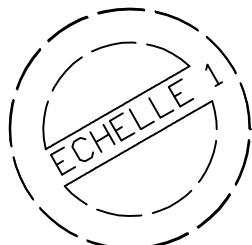
Seuil PMR P6156



POSTER DES PROFILS

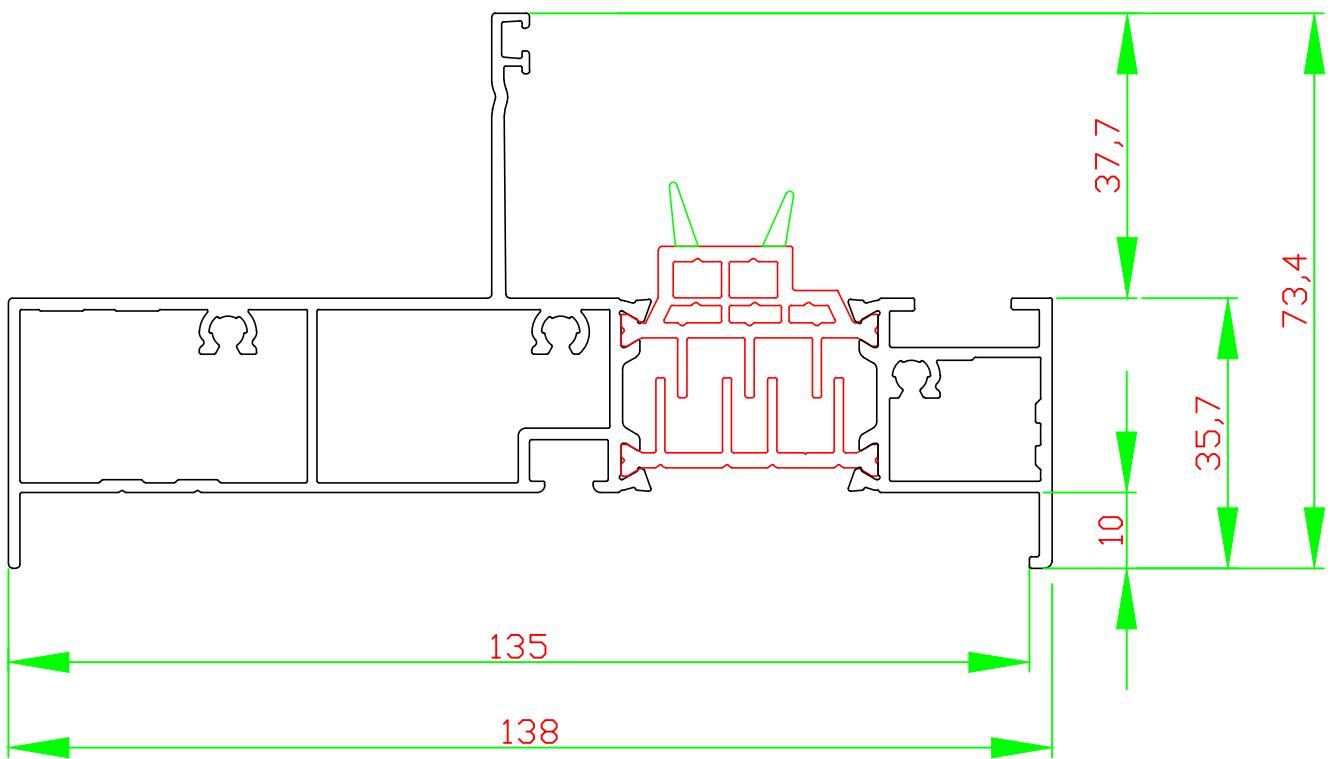


Dormant monobloc de 100 P6133

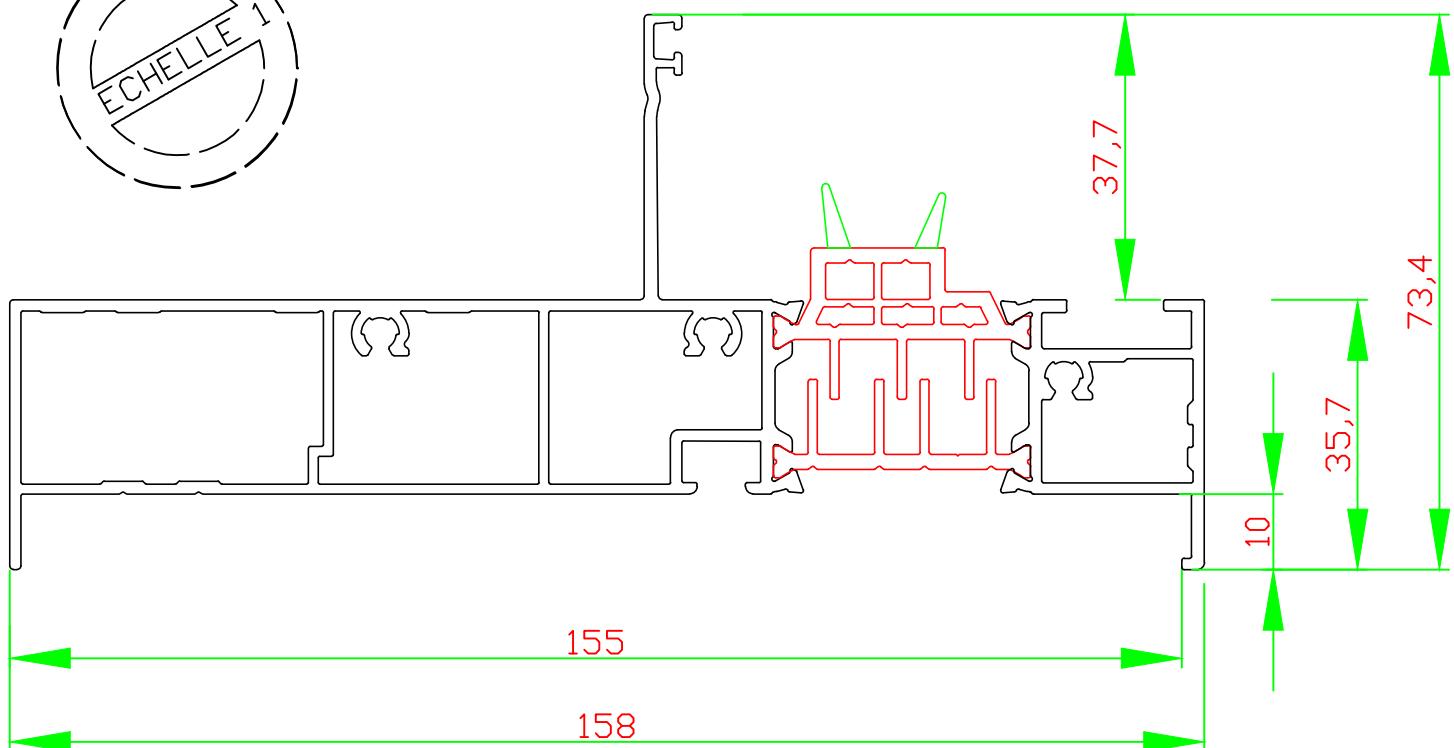
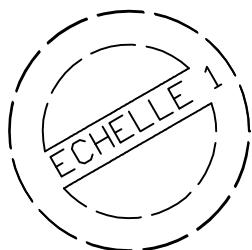


Dormant monobloc de 120 P6134

POSTER DES PROFILS

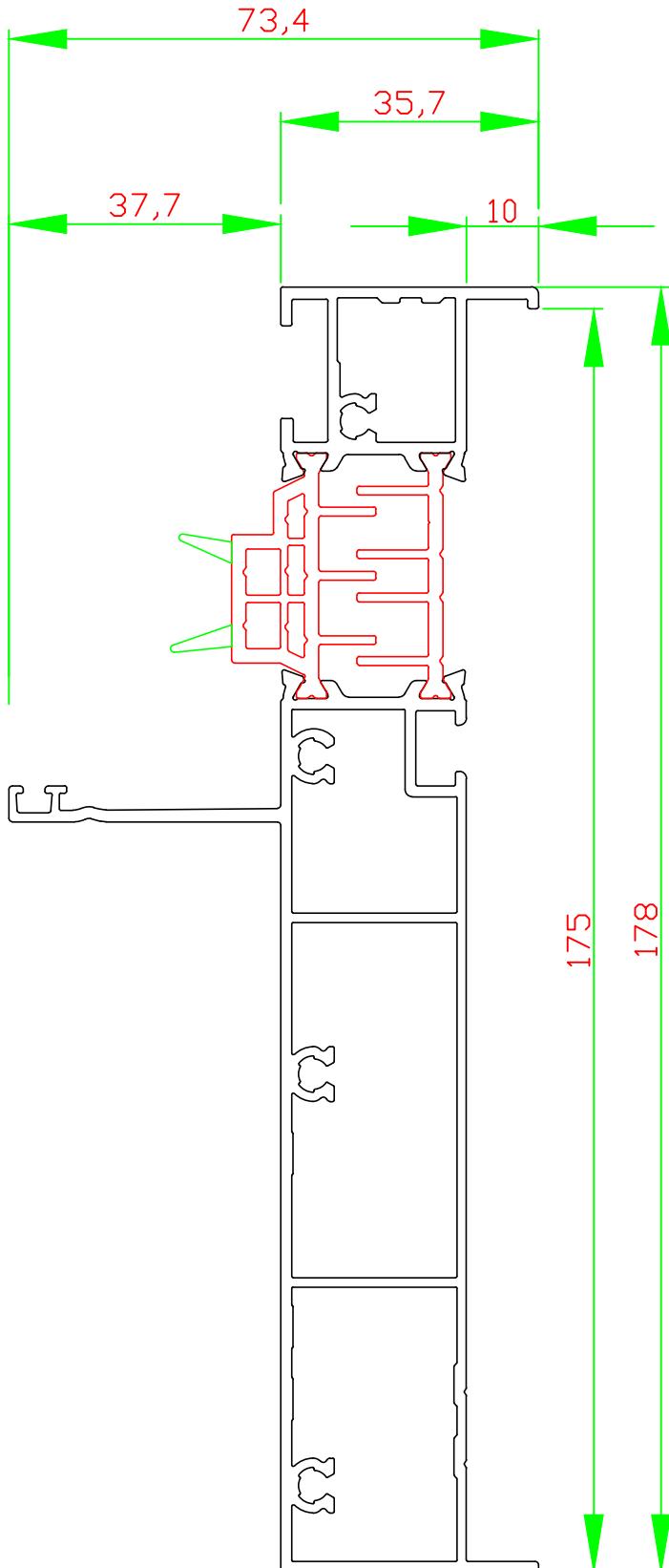


Dormant monobloc de 140 P6135

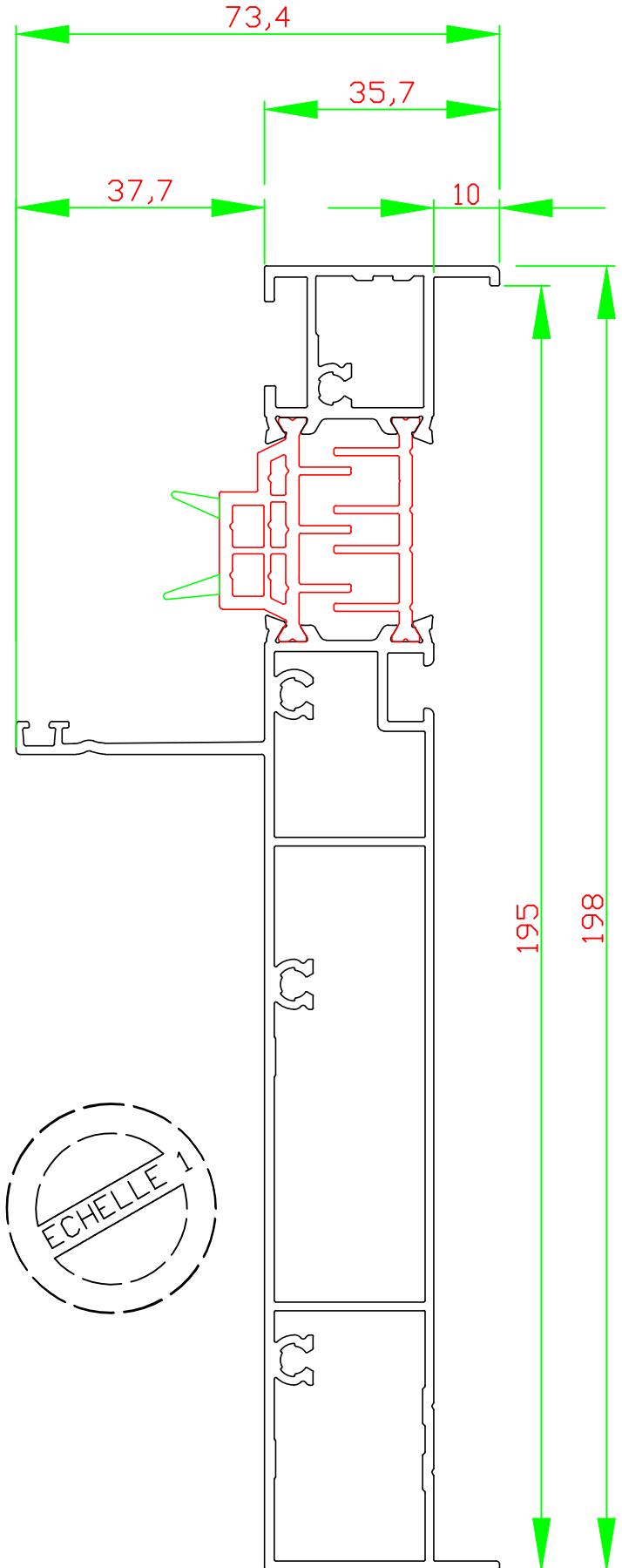


Dormant monobloc de 160 P6136

POSTER DES PROFILS



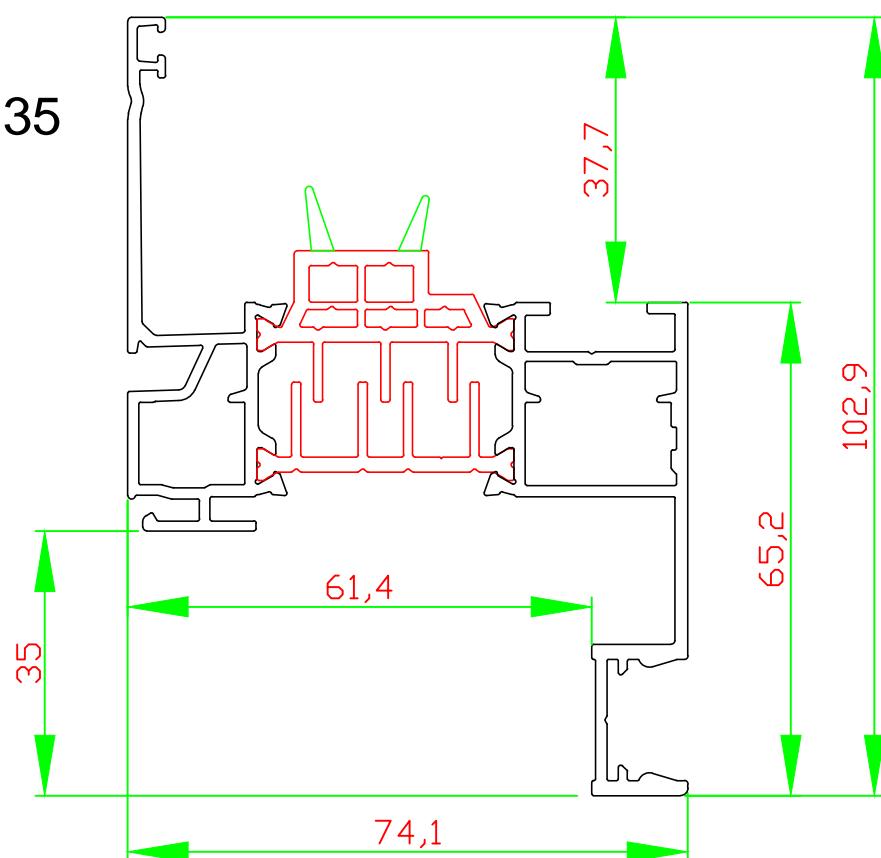
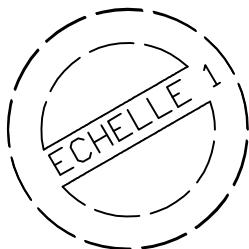
Dormant monobloc de
180 P6137



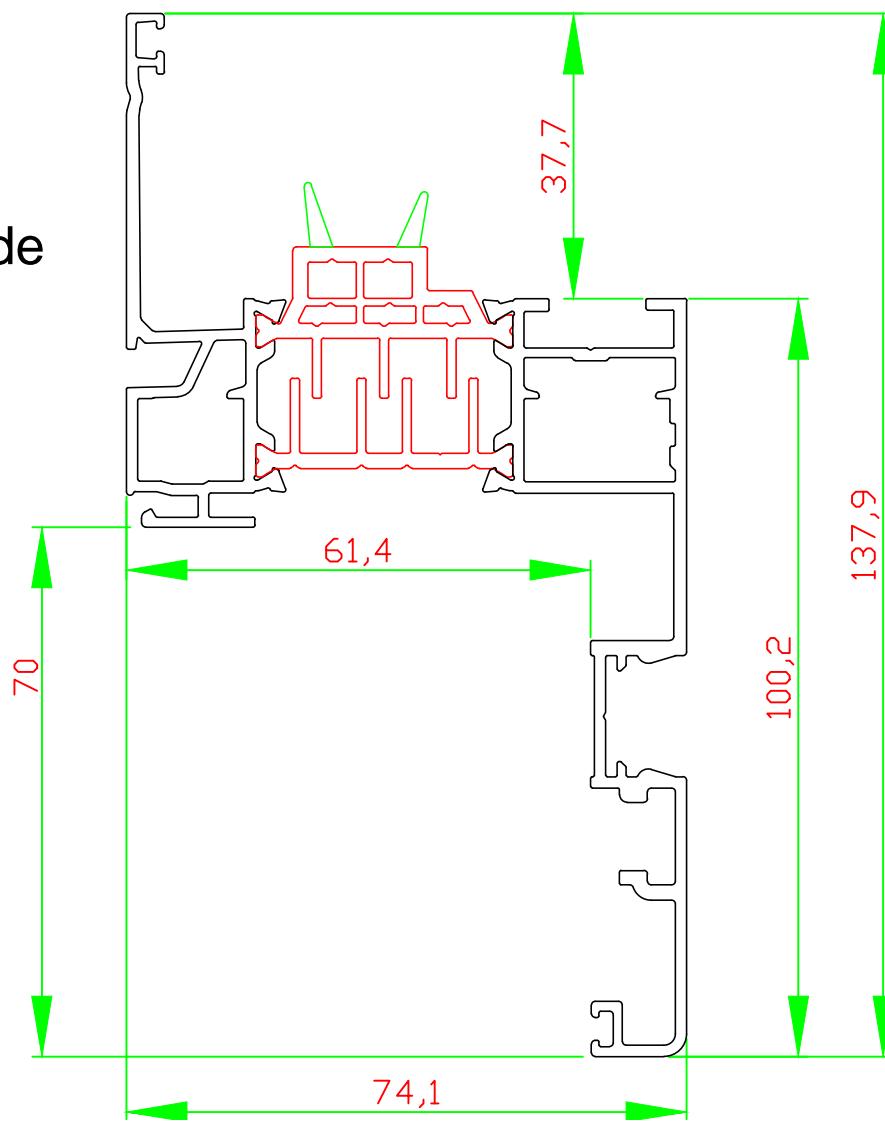
Dormant monobloc de
200 P6138

POSTER DES PROFILS

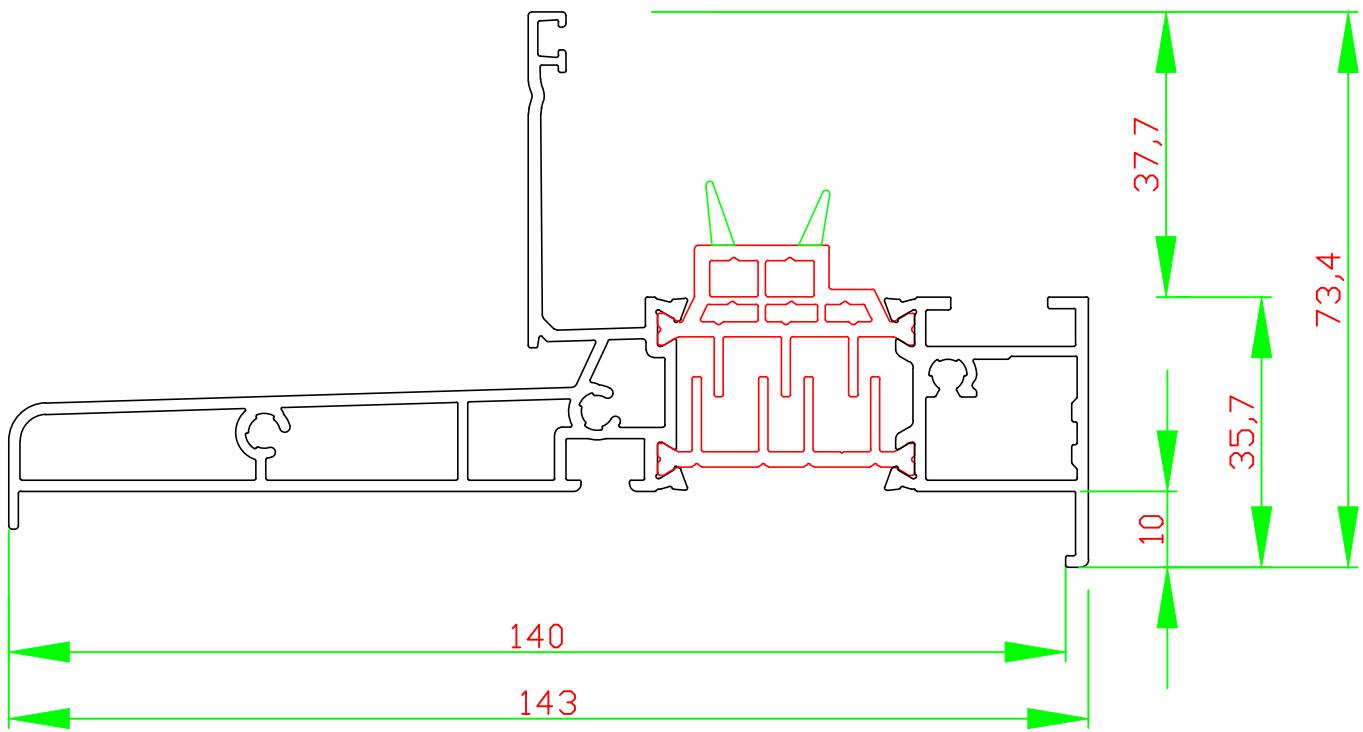
Dormant aile de 35
P6140



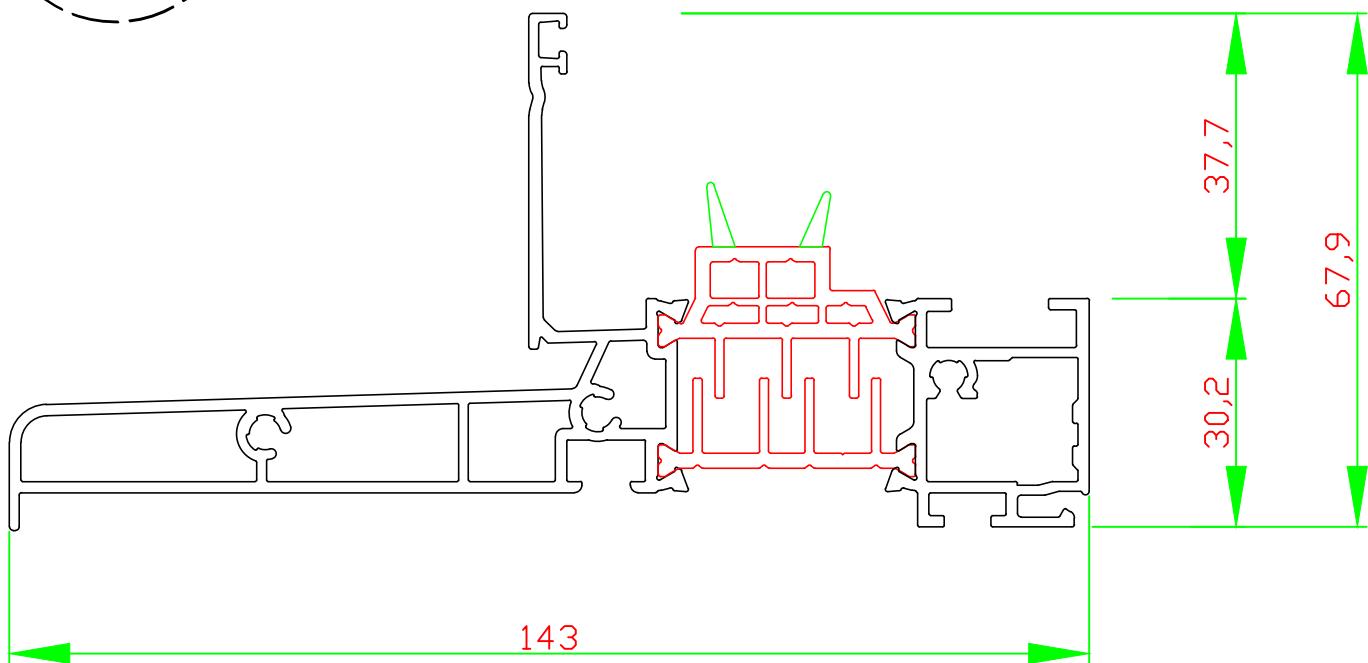
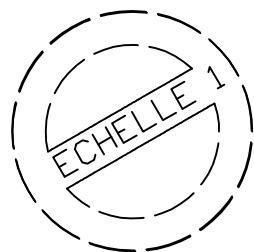
Dormant aile de
70
P6141



POSTER DES PROFILS

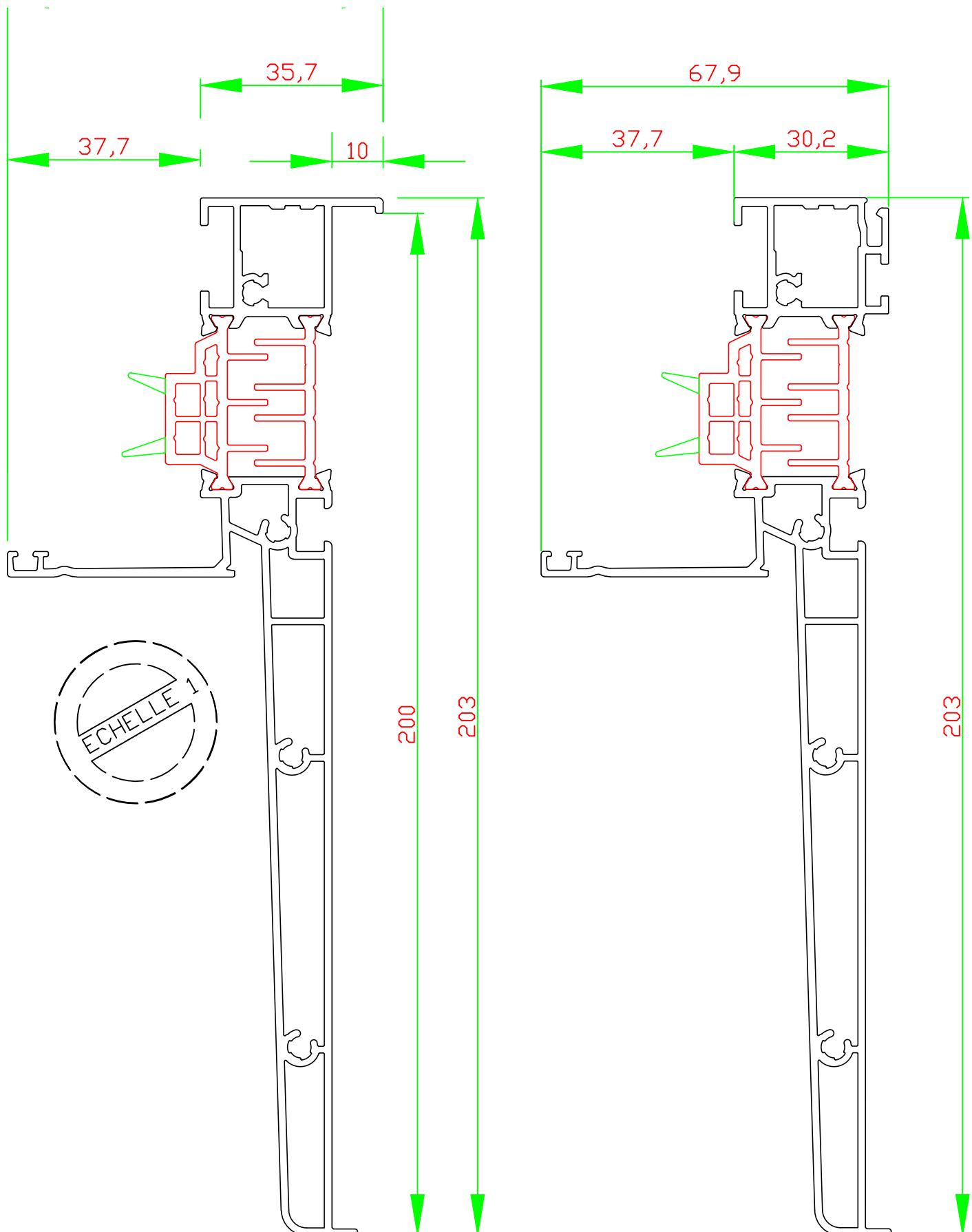


Appui de 140 Ref : P6150



Appui de 140 sans aile Ref : P6153

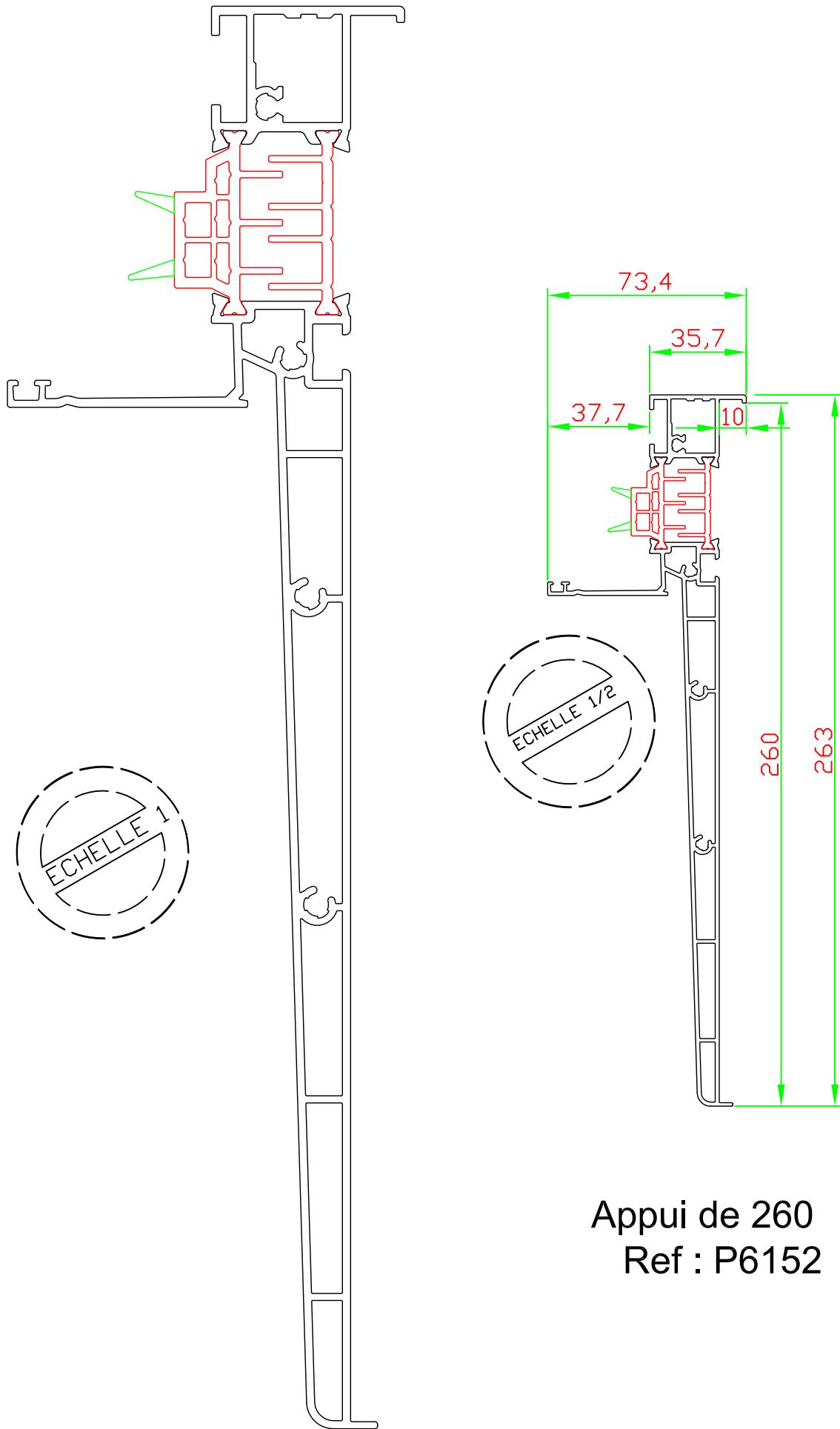
POSTER DES PROFILS



Appui de 200
Ref : P6151

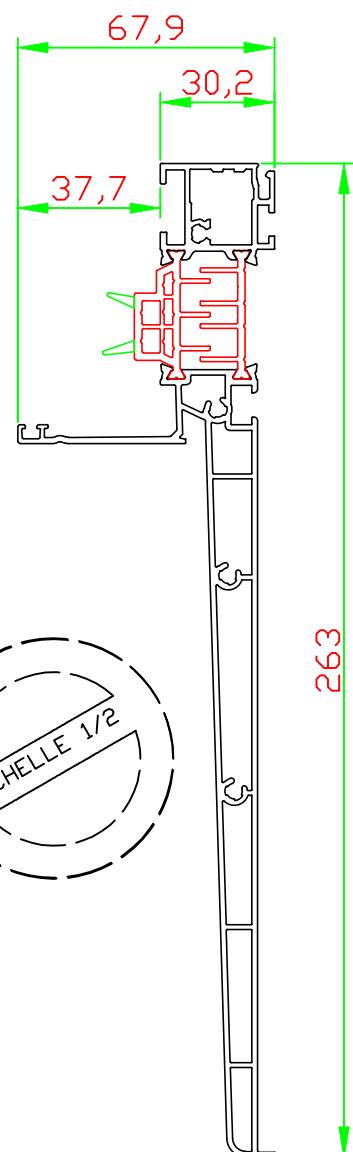
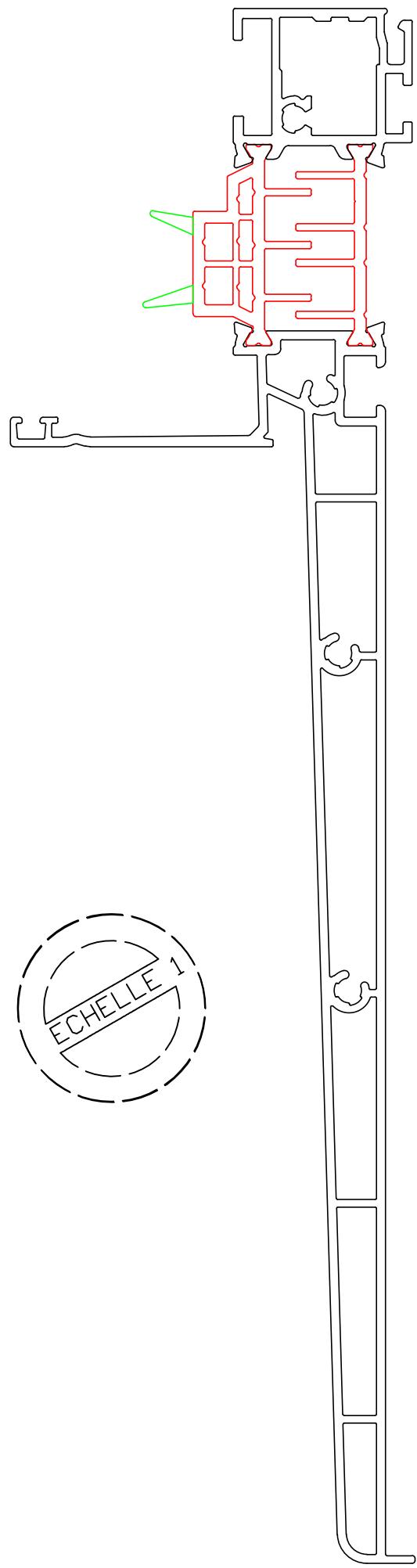
Appui de 200 sans aile
Ref : P6154

POSTER DES PROFILS



Appui de 260
Ref : P6152

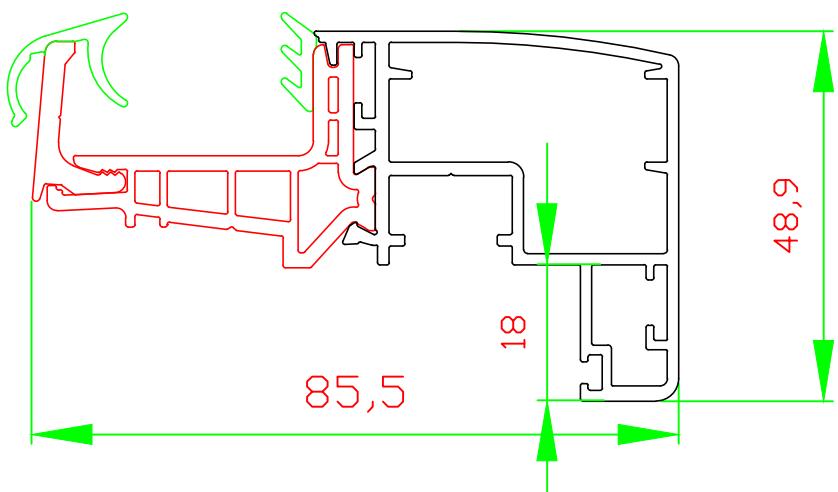
POSTER DES PROFILS



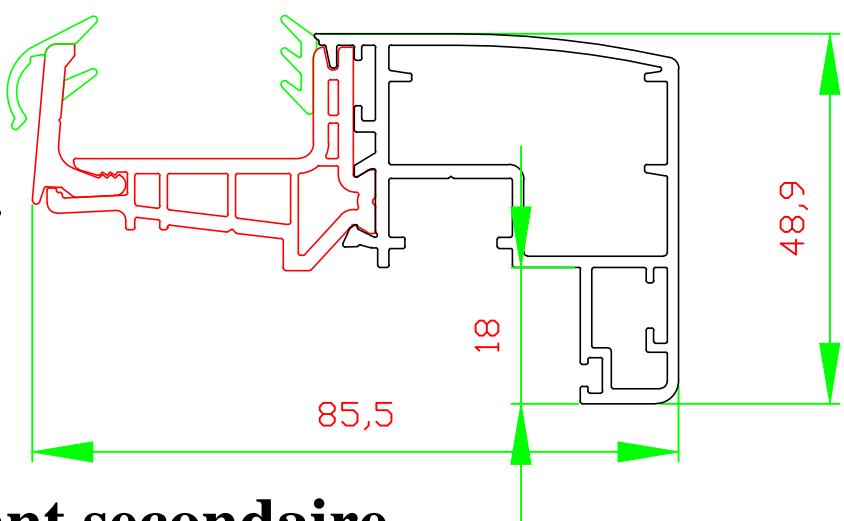
Appui de 260 sans aile
Ref : P6155

POSTER DES PROFILS

Ouvrant principal

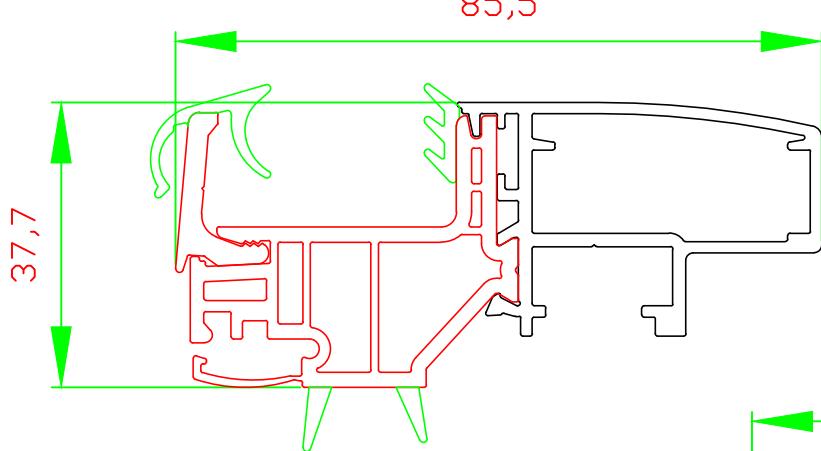


Ouvrant P6020 pour
vitrage de 24 mm

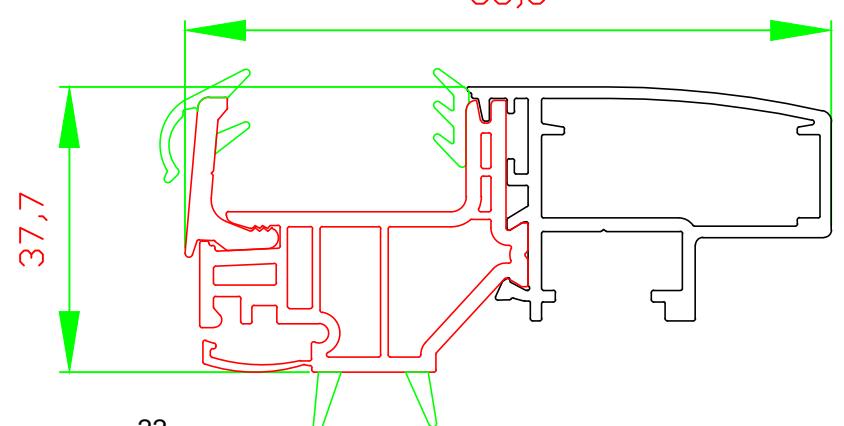


Ouvrant P6021 pour
vitrage de 28 mm

Ouvrant secondaire



Ouvrant P6022 pour
vitrage de 24 mm

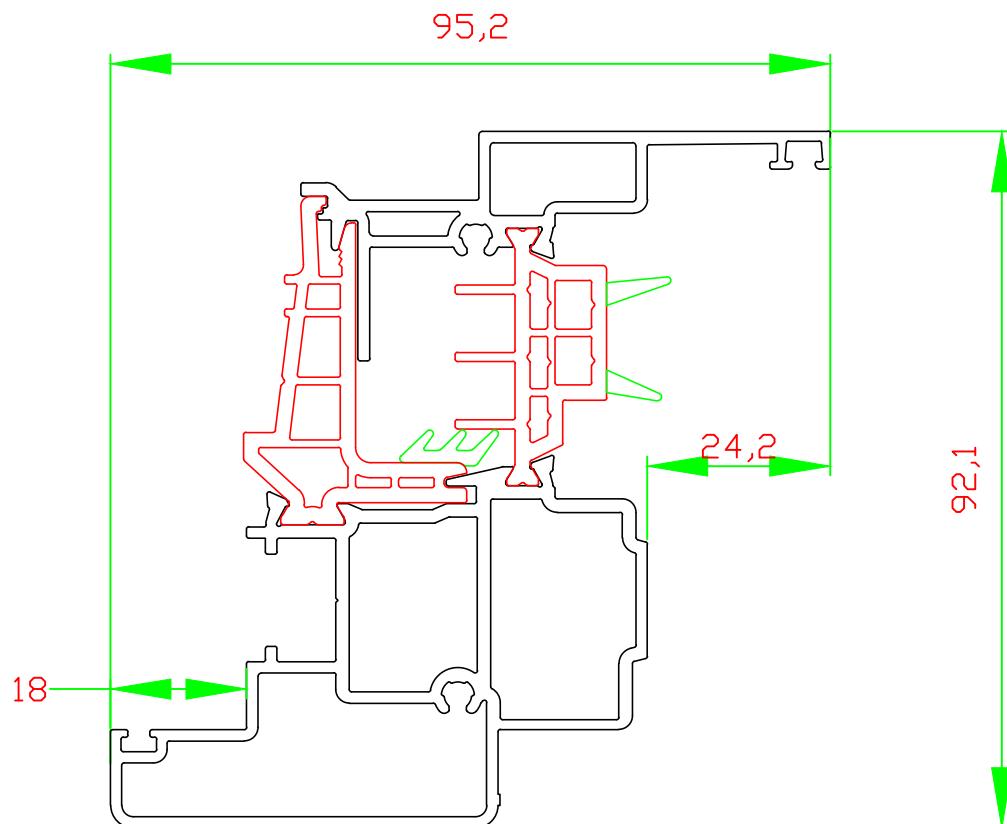


Ouvrant P6023 pour
vitrage de 28 mm

POSTER DES PROFILS

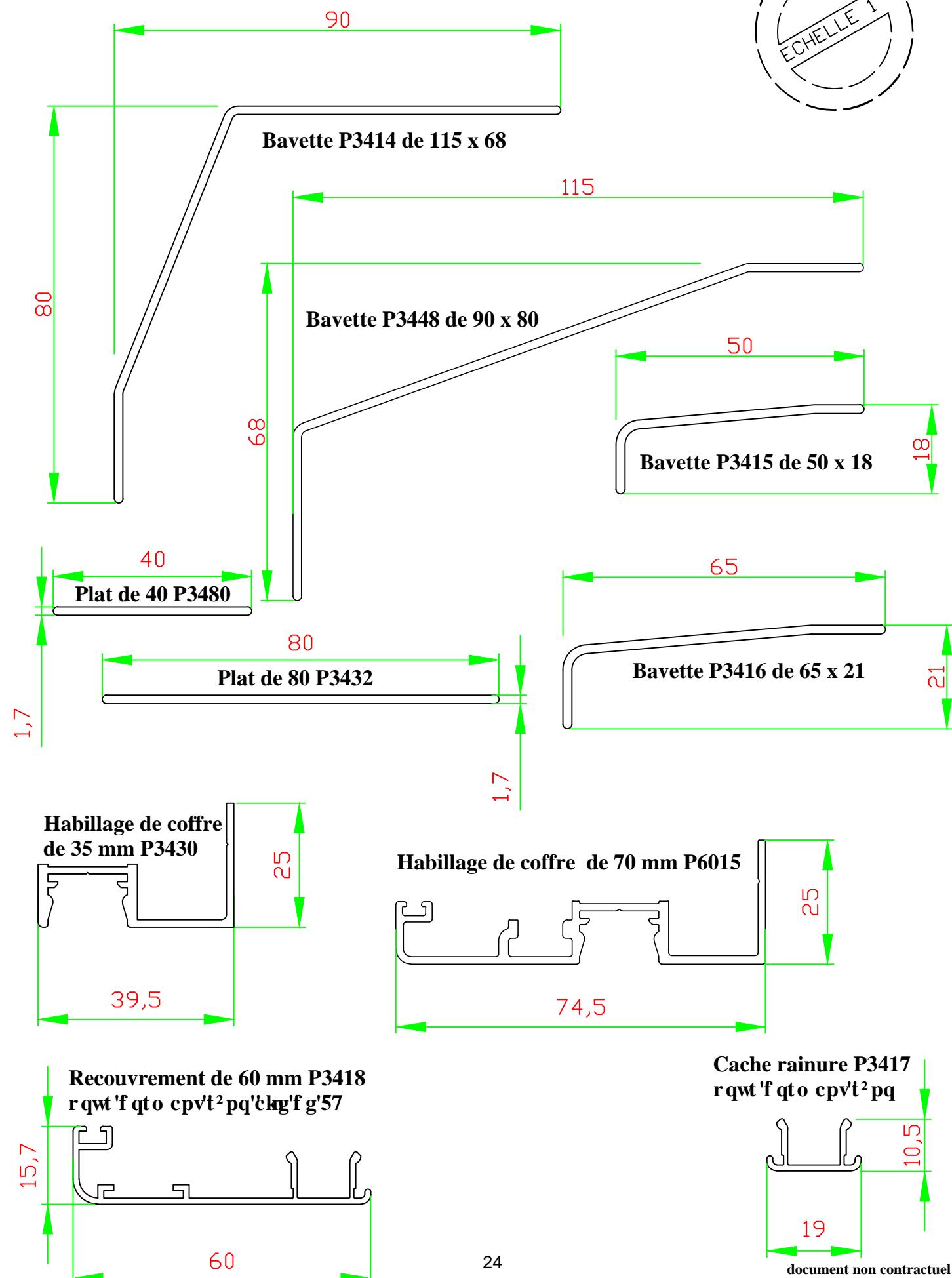
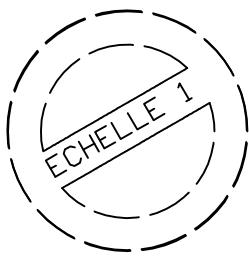
Ouvrant principal

Eeqo rñø o gpv'f g'r qt vg'dcñeqp'R8248



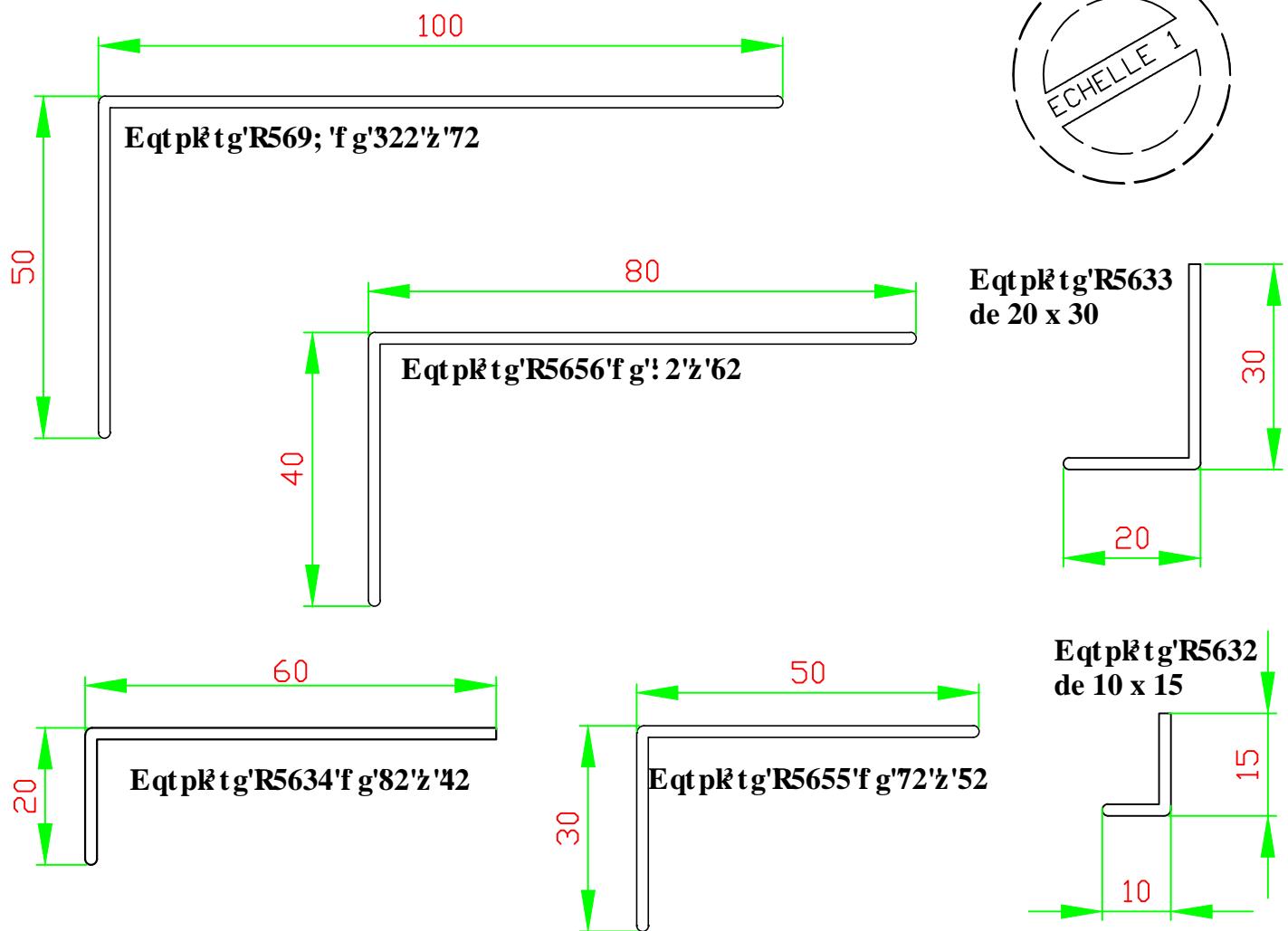
POSTER DES PROFILS Menuiserie VISUAL

Les habillages



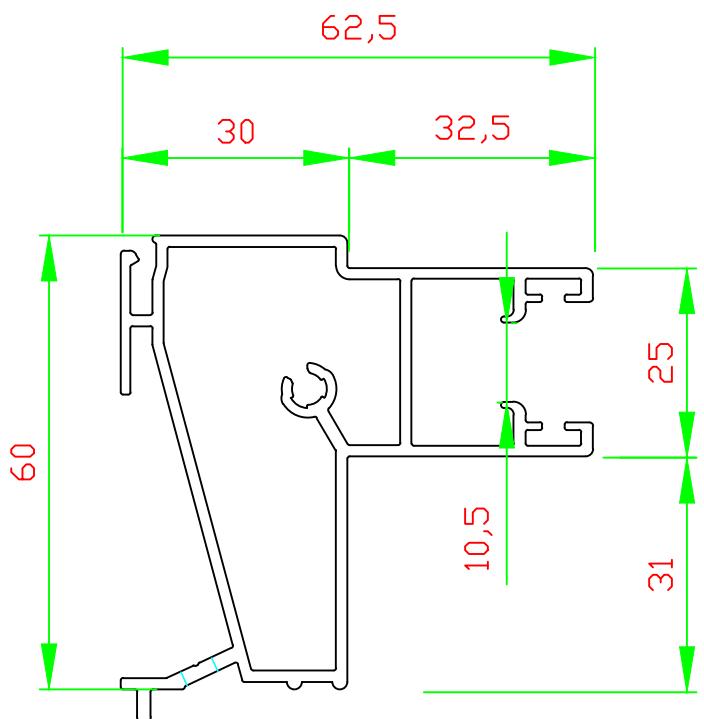
POSTER DES PROFILS Menuiserie VISUAL

Les habillages



Les coulisses

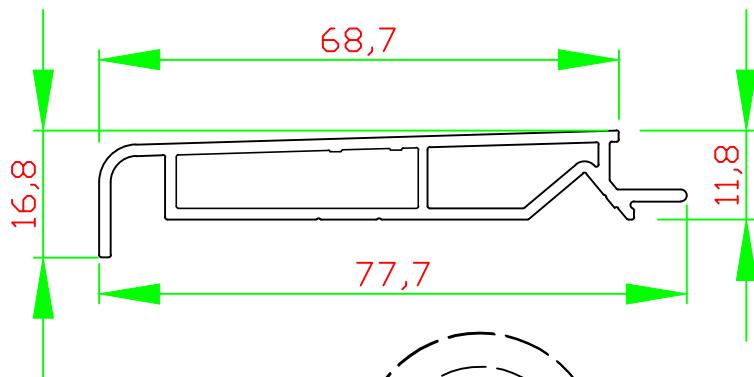
Vcr² g' eqwkgug' R564;



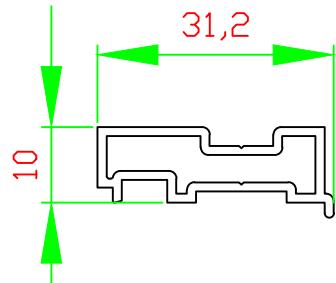
POSTER DES PROFILS Menuiserie VISUAL

N)cr r wk² mct i k

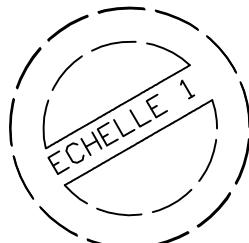
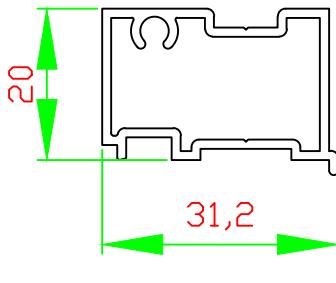
Ngu'hqwt t wt gu'qw'vcr² gu



Vcr²g'f g'32'R5623

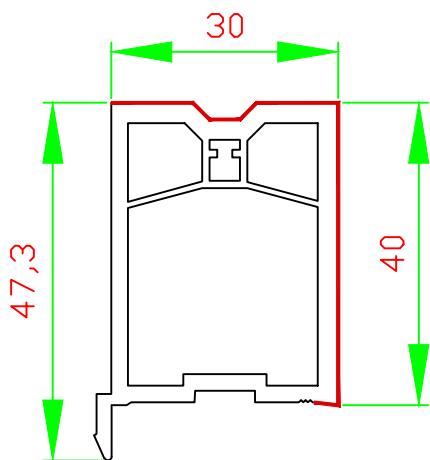


Vcr²g'f g'42'R5624

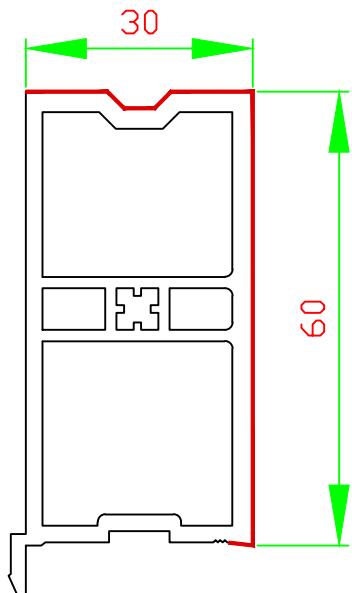
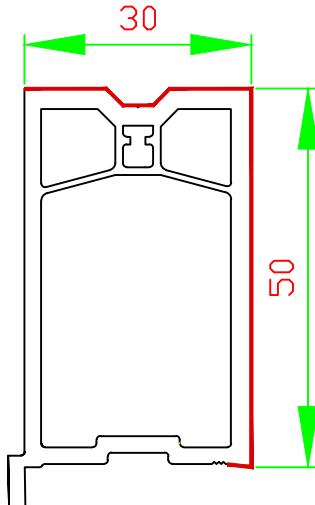


Vcr²g'RXE'f g'82'R932:
r qwt 'f² ecnri g'EXT

Vcr²g'RXE'f g'62'Z9329
r qwt 'f² ecnri g'EXT

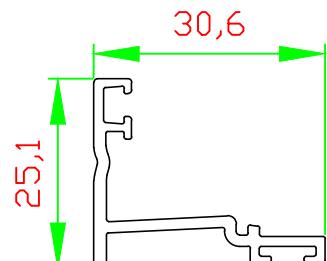


Vcr²g'RXE'f g'72'Z5372
r qwt 'f² ecnri g'EXT

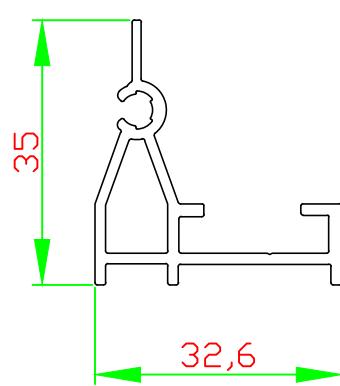


Ngu'eqo r n̄ o gpw

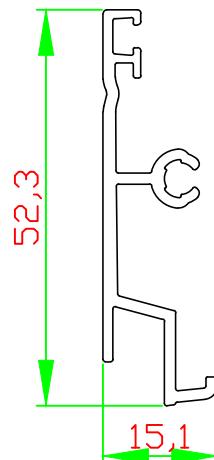
Parclose alu P6355 pour
porte balcon avec seuil PMR



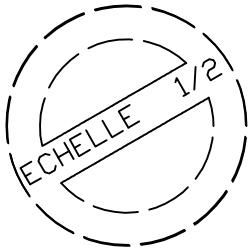
Epo r n̄ o gpv'gv² t lgwt 'R8344
pour VD avec seuil PMR



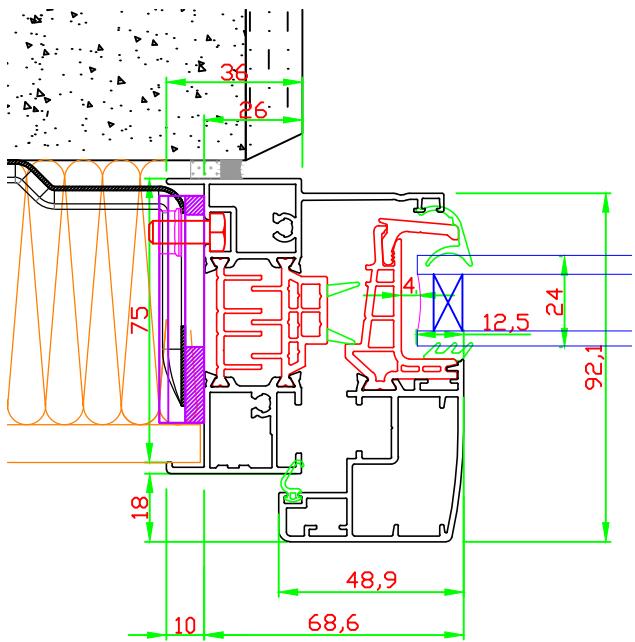
Epo r n̄ o gpv'gv² t lgwt 'R8345
pour VD avec seuil PMR



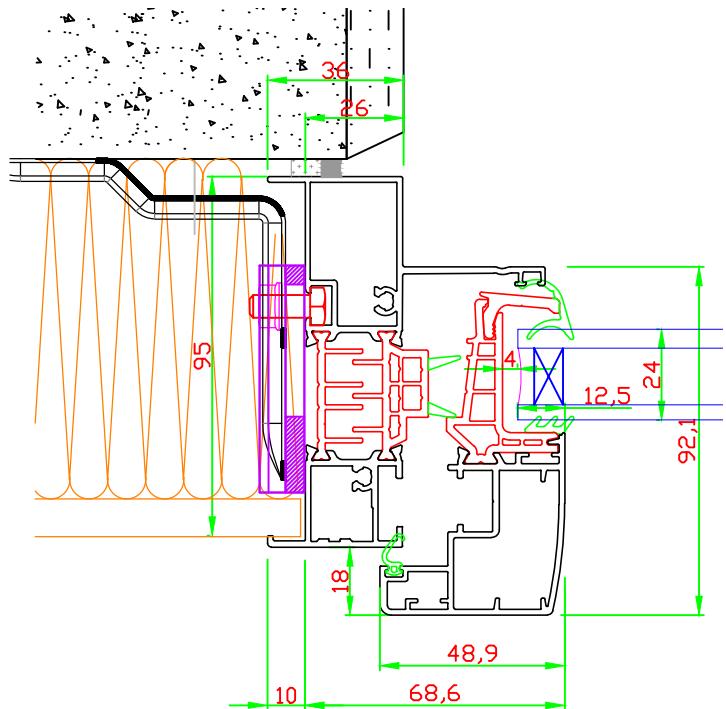
LES MASSES DE RIVE



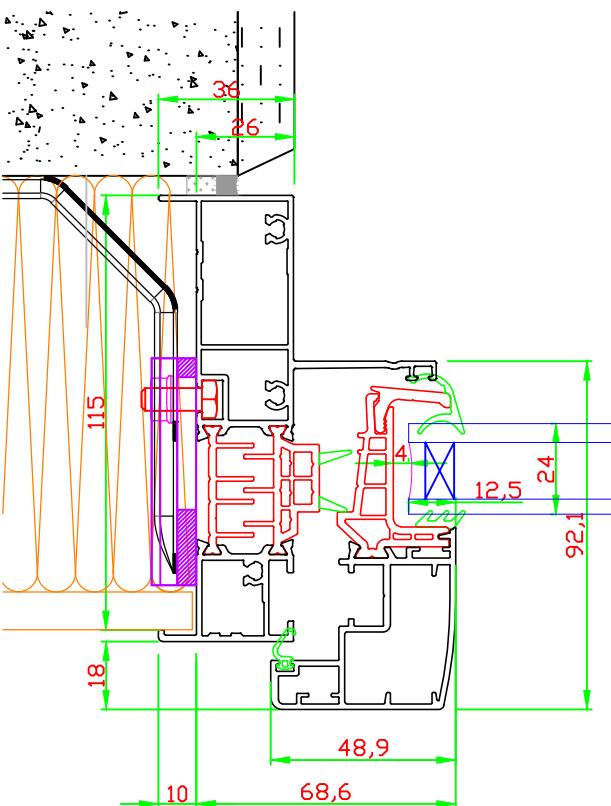
Ouvrant principal P6020 avec dormant P6132 pour isolation de 80 mm



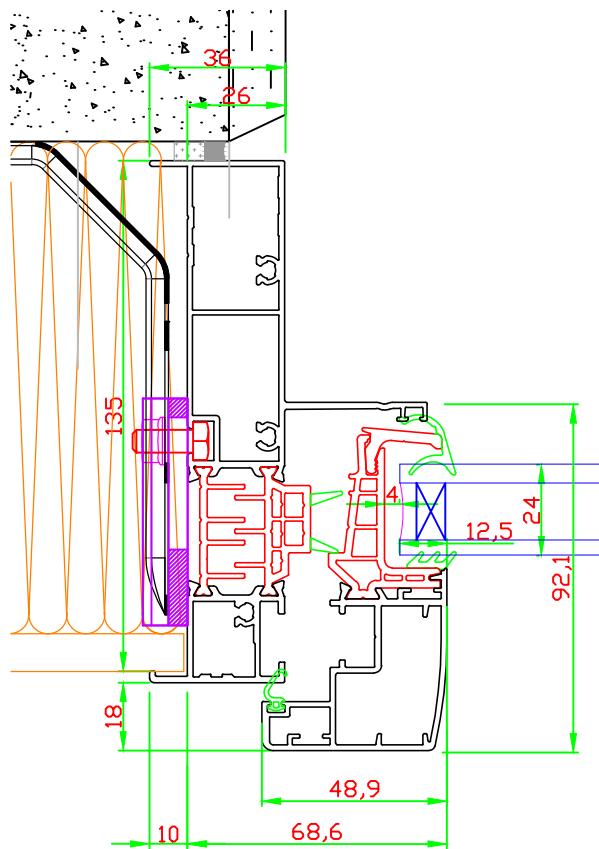
Ouvrant principal P6020 avec dormant P6133 pour isolation de 100 mm



Ouvrant principal P6020 avec dormant P6134 pour isolation de 120 mm

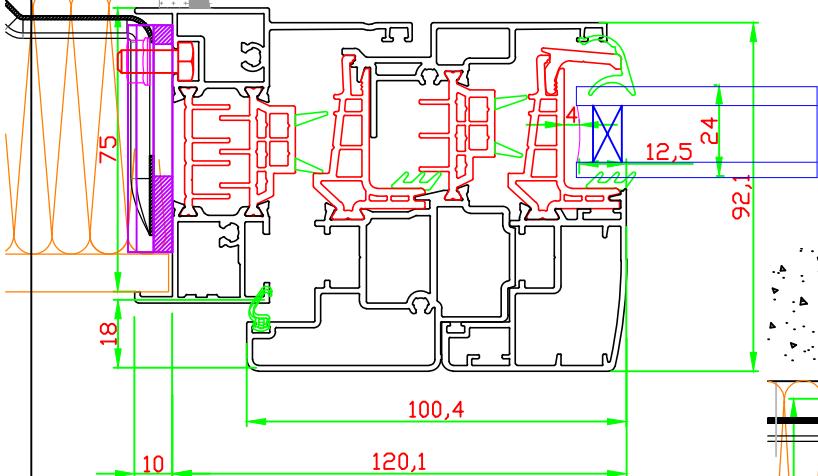
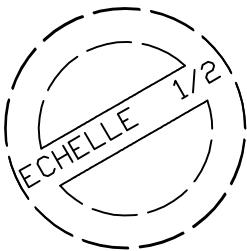


Ouvrant principal P6020 avec dormant P6135 pour isolation de 140 mm

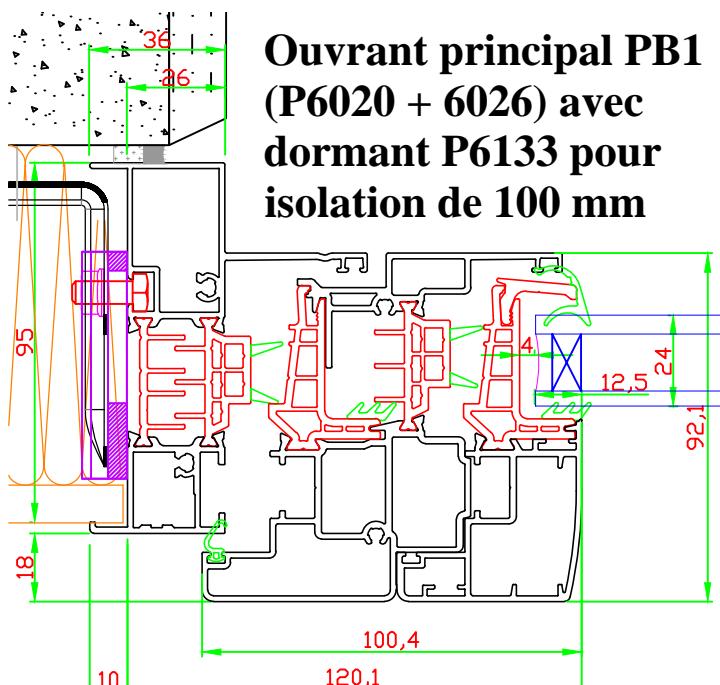


LES MASSES DE RIVE

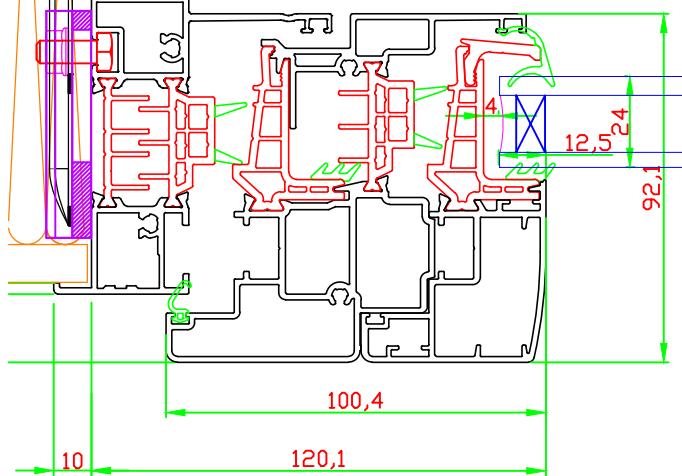
Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6132 pour
isolation de 80 mm



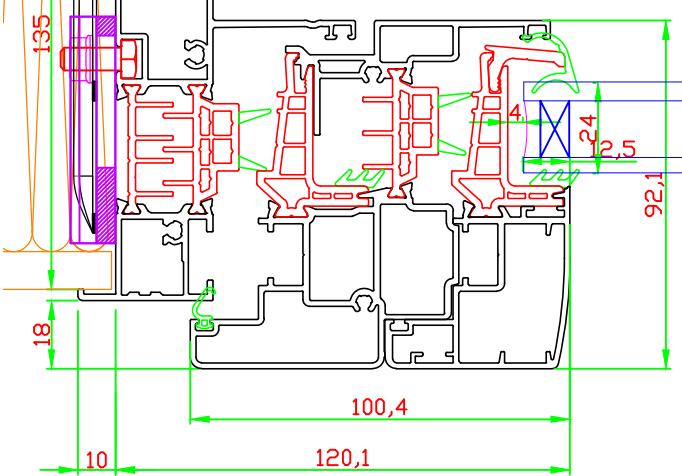
Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6133 pour
isolation de 100 mm



Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6134 pour
isolation de 120 mm

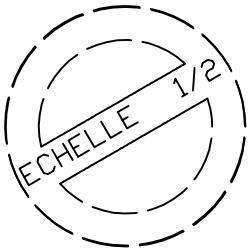
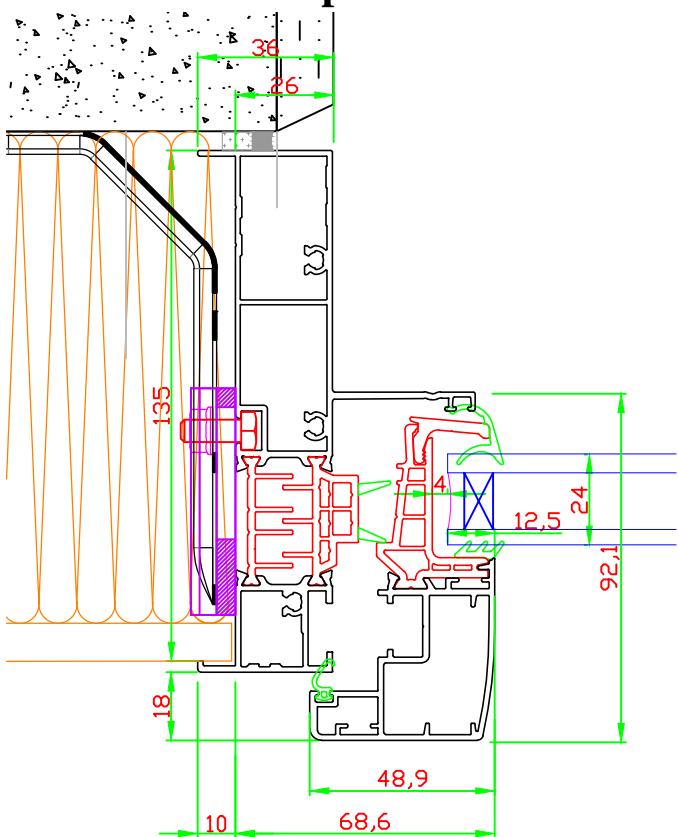


Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6135 pour
isolation de 140 mm

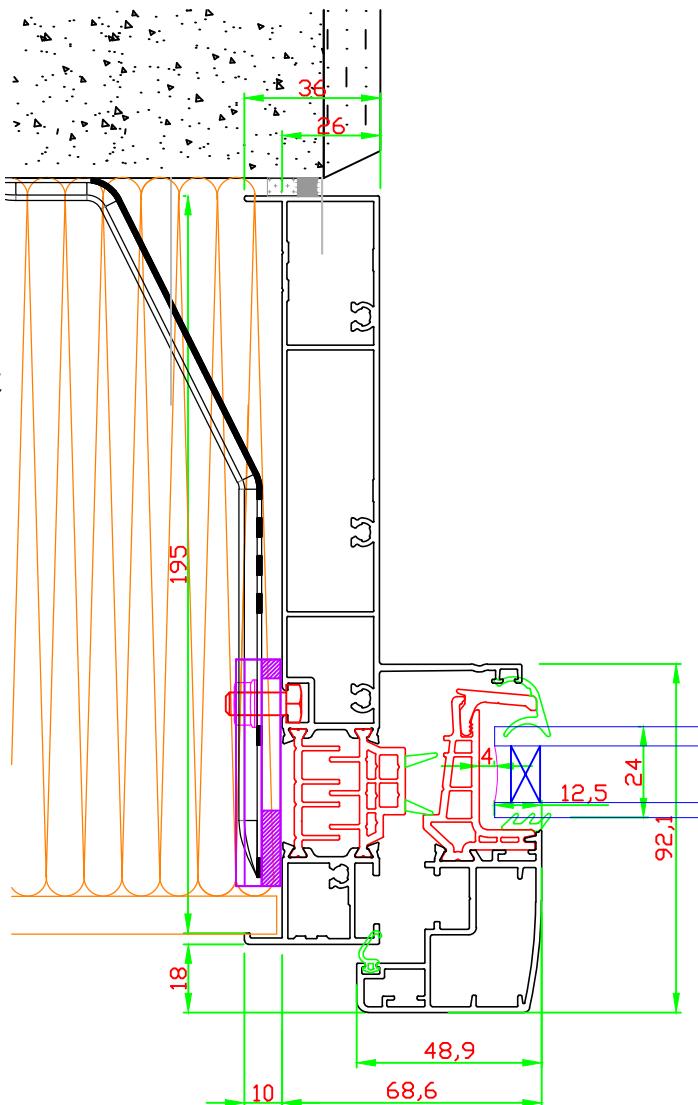


LES MASSES DE RIVE

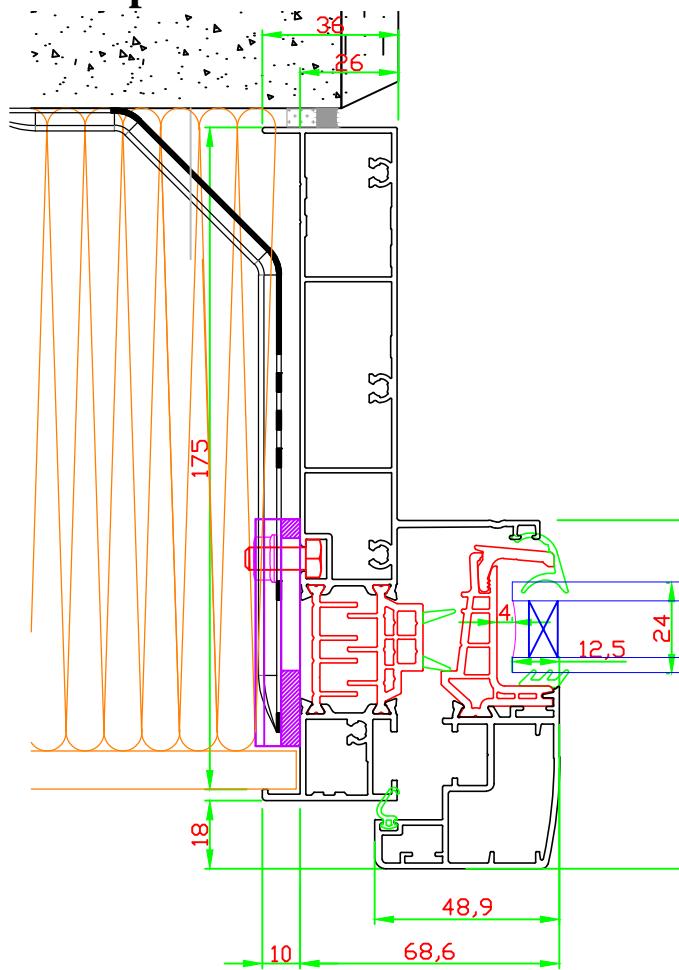
Ouvrant principal P6020 avec
dormant P6136 pour isolation de 160 mm



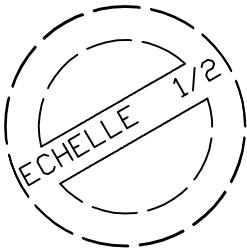
Ouvrant principal P6020 avec
dormant P6138 pour isolation de 200 mm



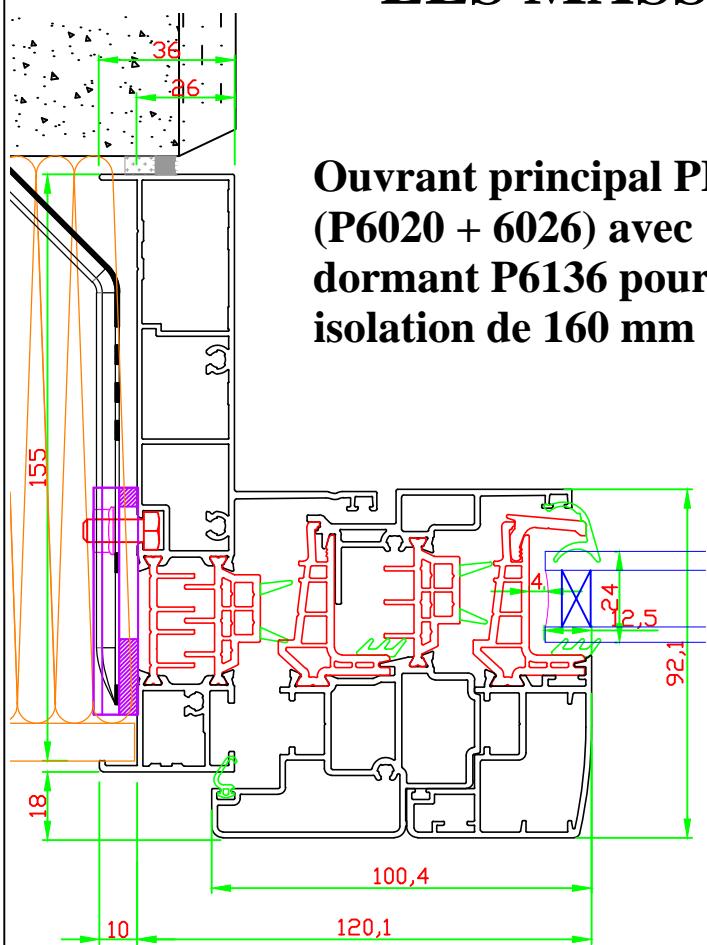
Ouvrant principal P6020 avec dormant
P6137 pour isolation de 180 mm



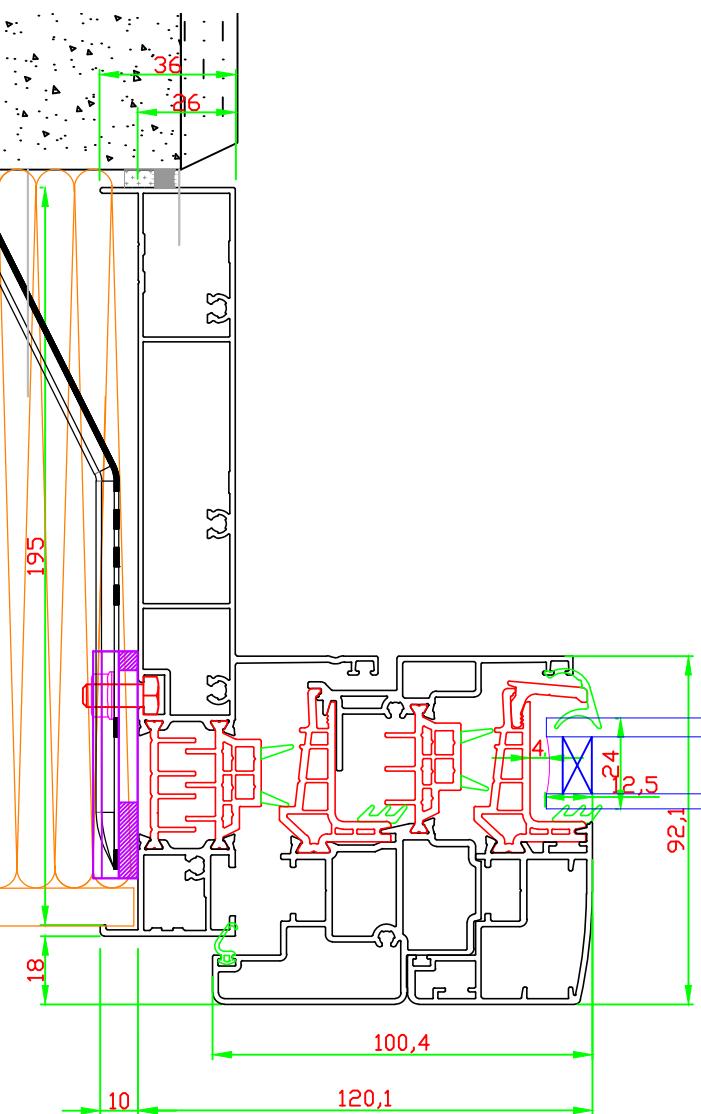
LES MASSES DE RIVE



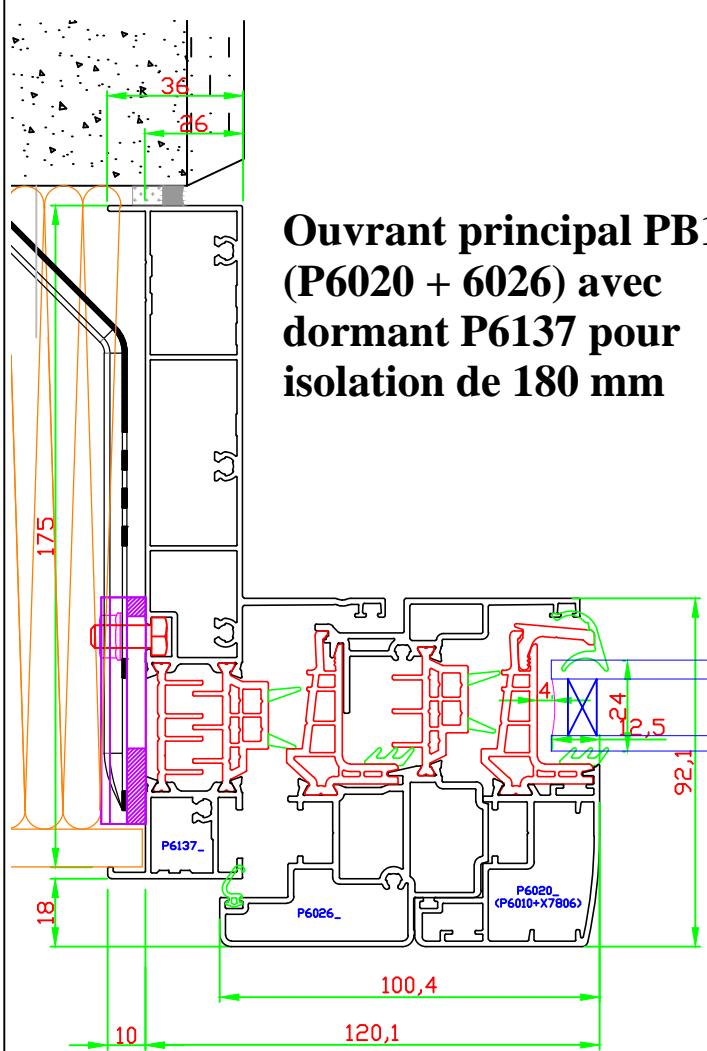
Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6136 pour
isolation de 160 mm



Ouvrant principal PB1 (P6020
+ 6026) avec dormant P6138
pour isolation de 200 mm

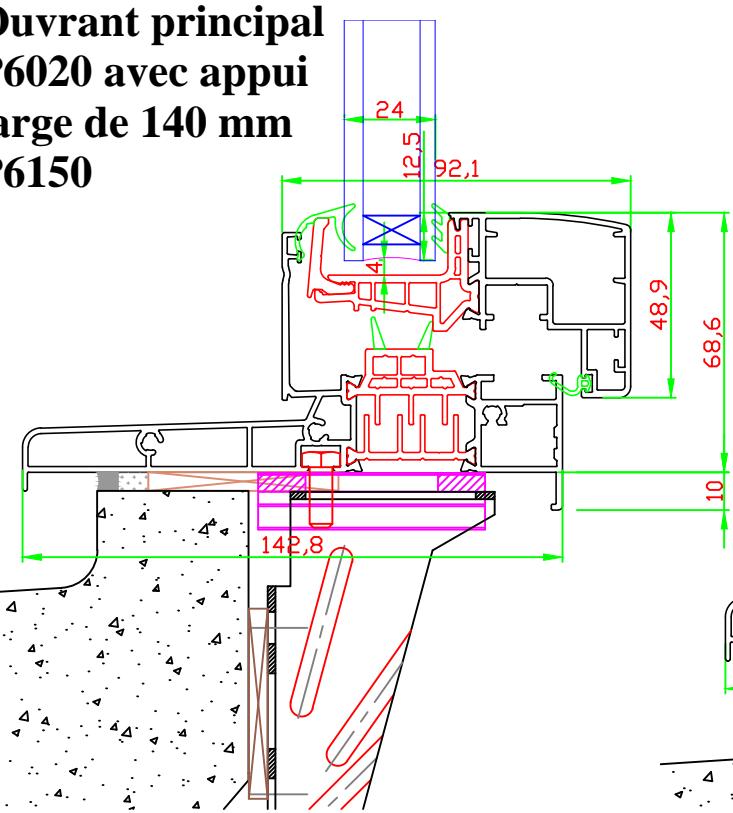


Ouvrant principal PB1
(P6020 + 6026) avec
dormant P6137 pour
isolation de 180 mm

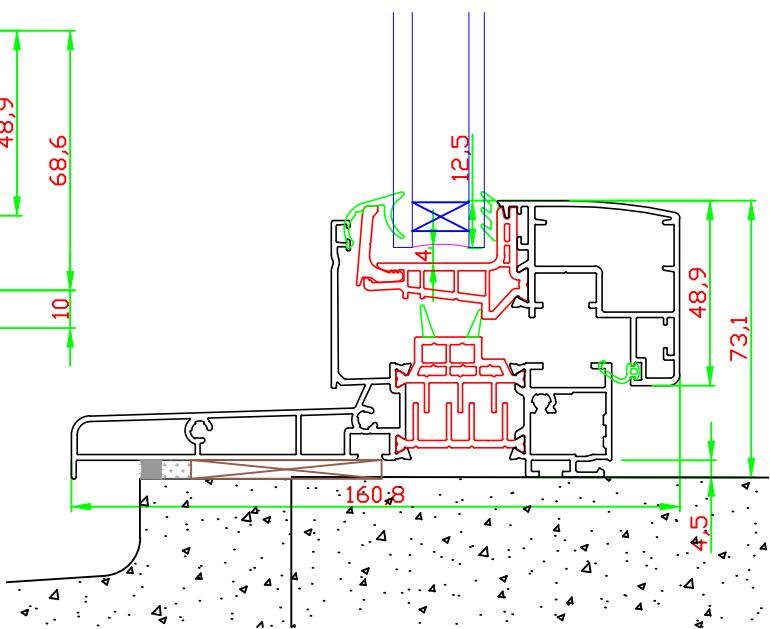


LES MASSES EN PARTIE BASSE

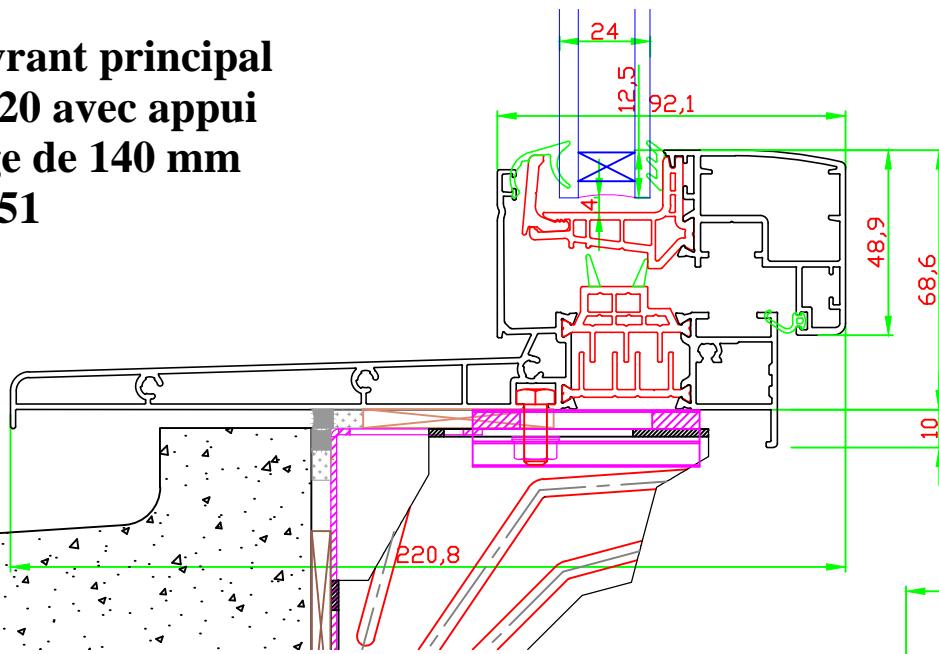
Ouvrant principal
P6020 avec appui
large de 140 mm
P6150



Ouvrant principal P6020
avec appui large de 140
mm P6153 pour PF

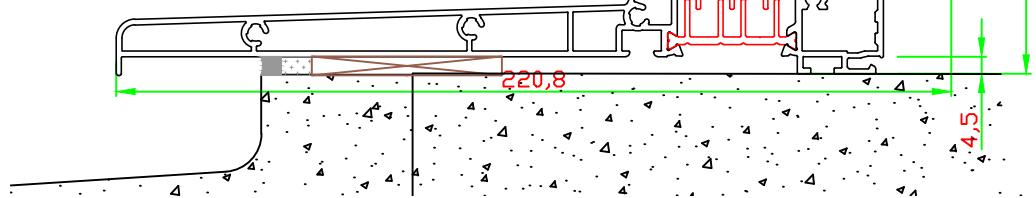


Ouvrant principal
P6020 avec appui
large de 140 mm
P6151



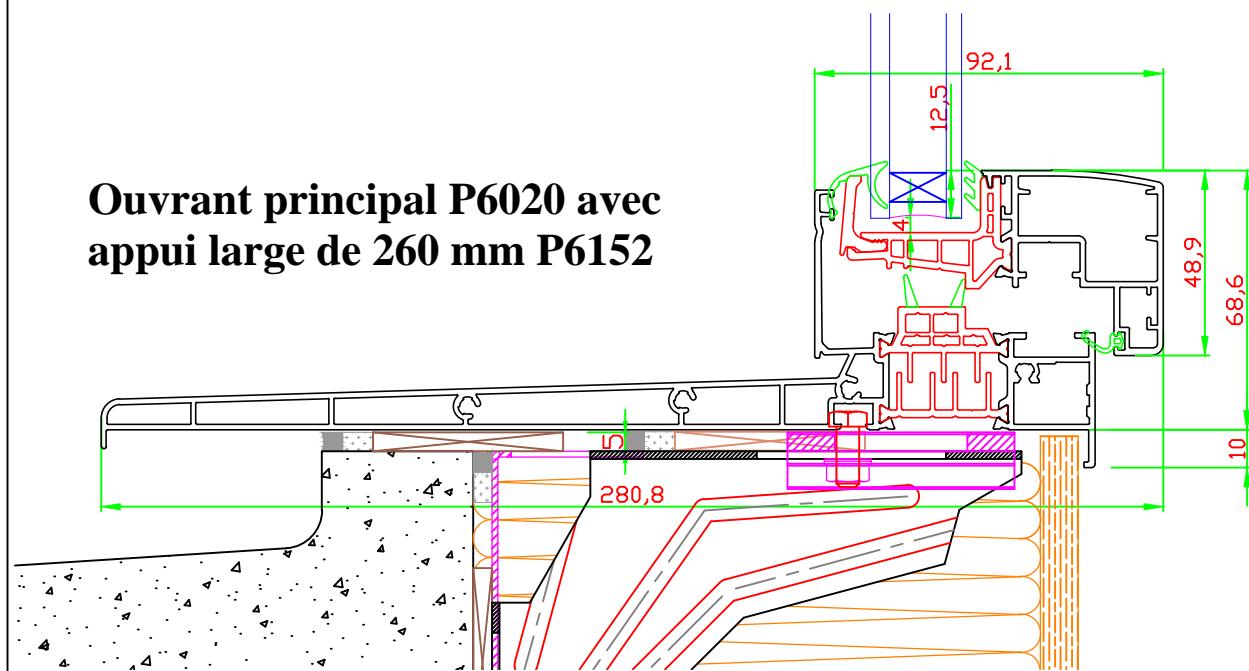
ECHELLE 1/2

Ouvrant principal P6020
avec appui large de 140
mm P6154 pour PF

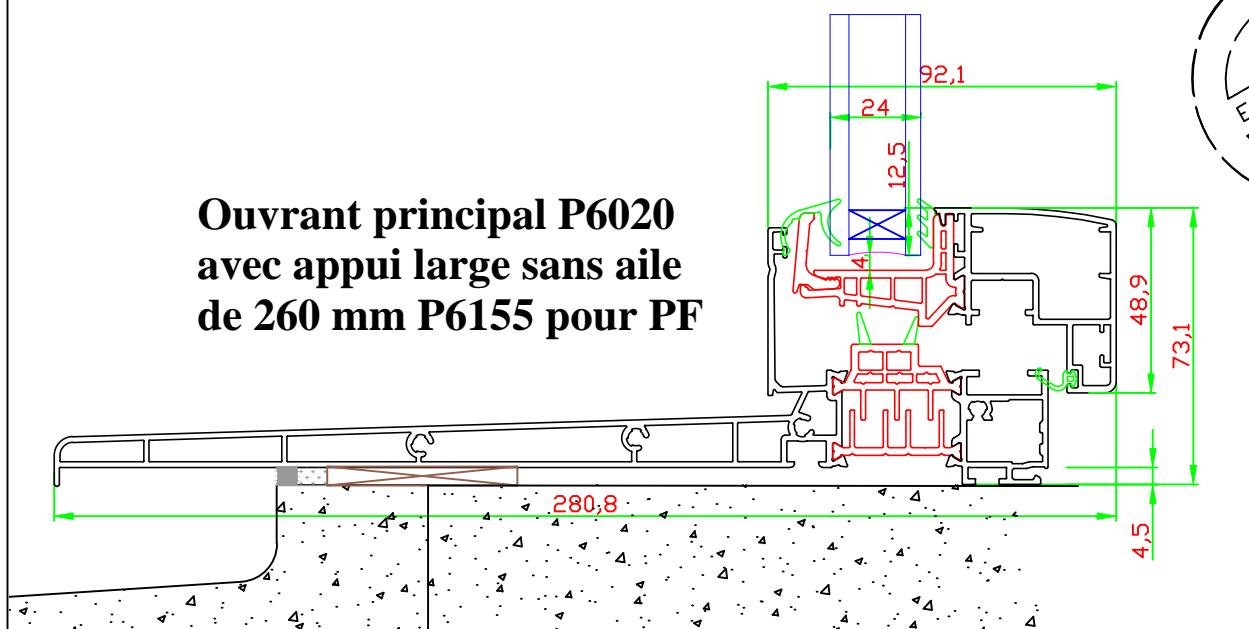


LES MASSES EN PARTIE BASSE

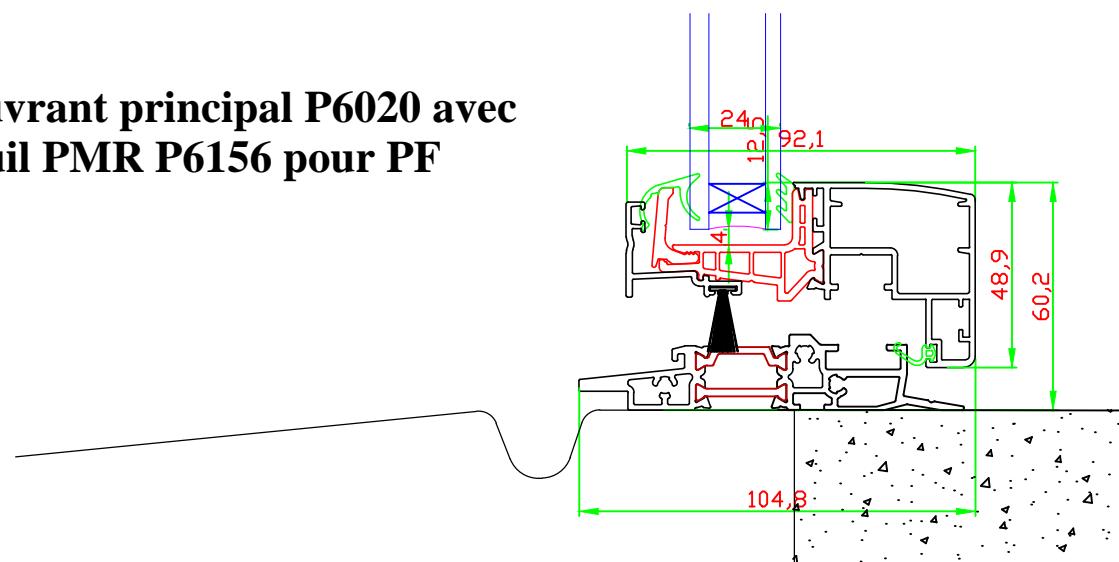
Ouvrant principal P6020 avec appui large de 260 mm P6152



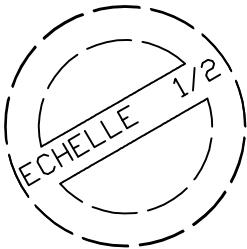
Ouvrant principal P6020 avec appui large sans aile de 260 mm P6155 pour PF



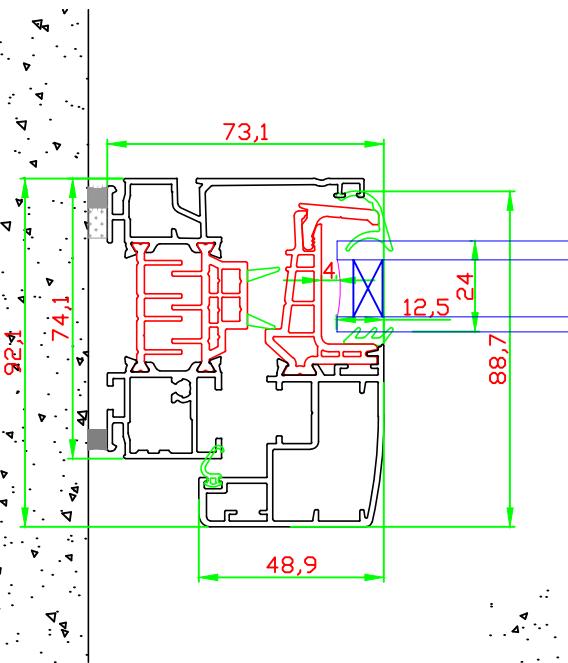
Ouvrant principal P6020 avec seuil PMR P6156 pour PF



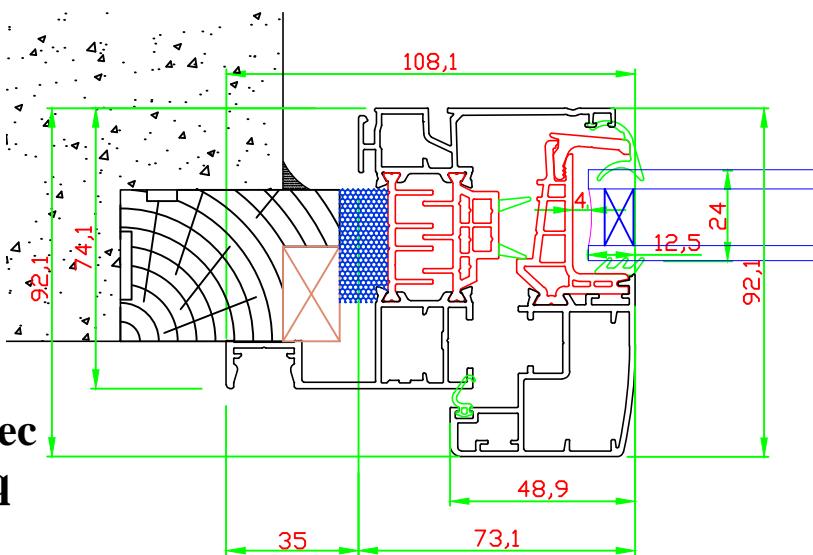
LES MASSES DE RIVE



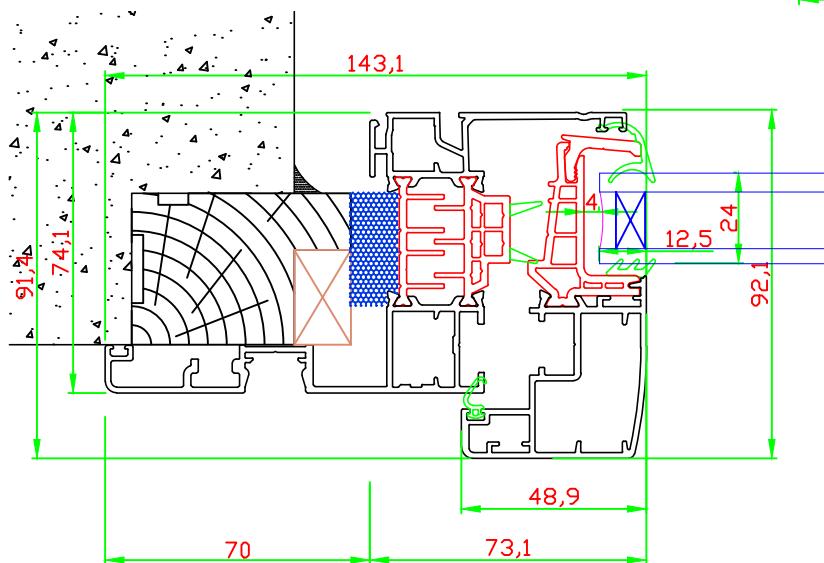
Ouvrant principal P6020 avec dormant P6139 pour pose en f² r qug'vqvcng



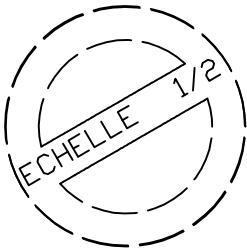
Ouvrant principal P6020 avec f qto cpv'R8362't qug'gp't² pq sur dormant existant



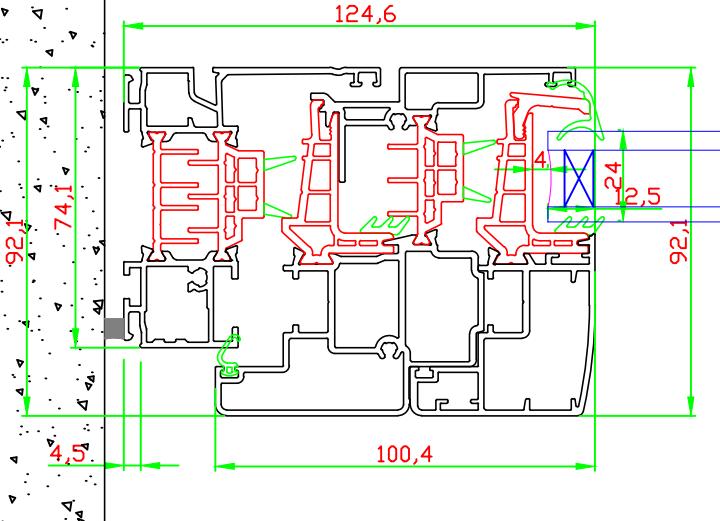
Ouvrant principal P6020 avec f qto cpv'R8363't qug'gp't² pq sur dormant existant



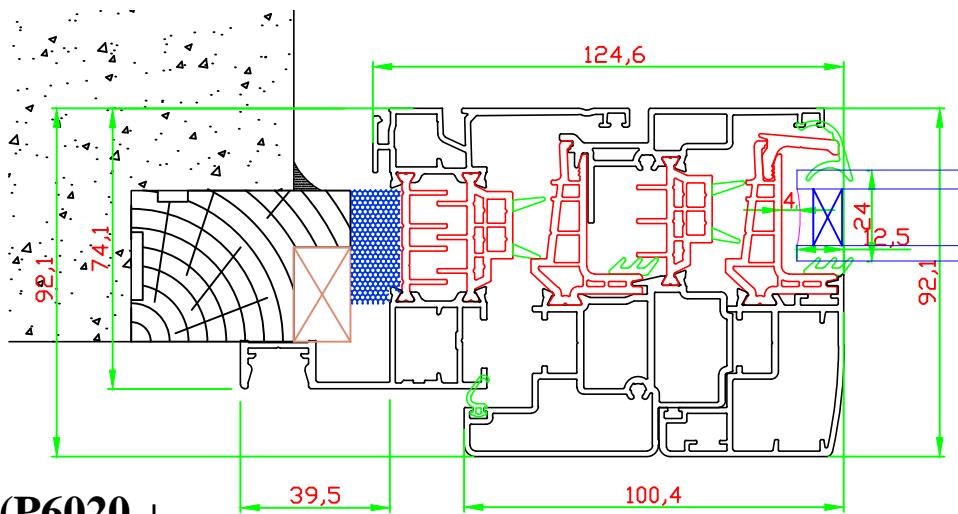
LES MASSES DE RIVE



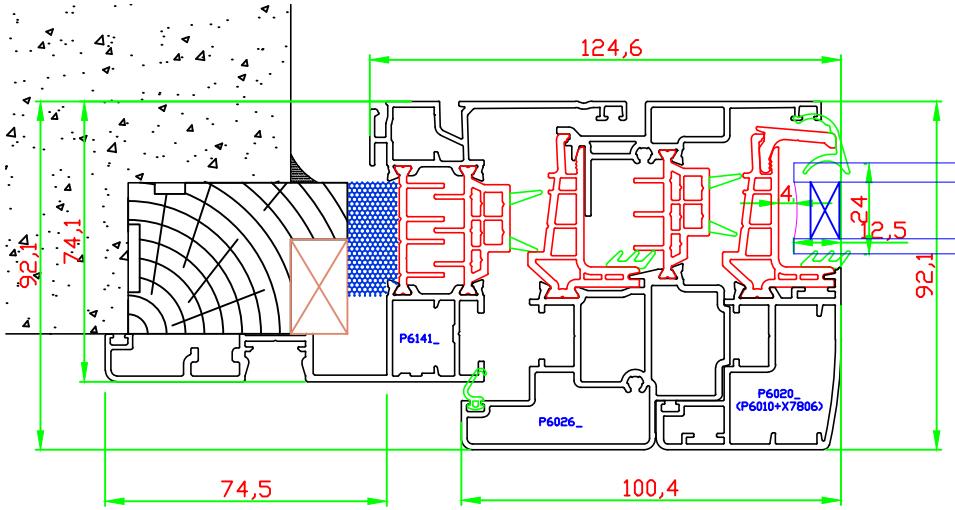
Ouvrant principal PB1 (P6020 + 6026) avec dormant P6139
r qwt 't quq'gp'f² r quq'vqcng



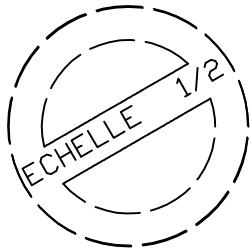
Ouvrant principal PB1 (P6020 + 6026) avec dormant P6140 pose
gp't² pq'twt 'f qt o cpv'gzkmcpv



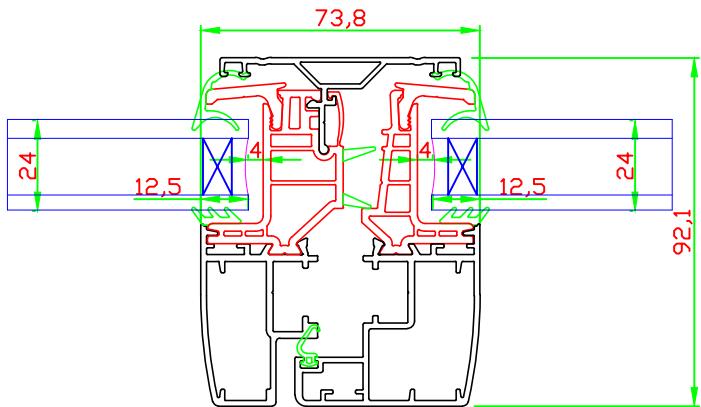
Ouvrant principal PB1 (P6020 + 6026) avec dormant P6141 pose
gp't² pq'twt 'f qt o cpv'gzkmcpv



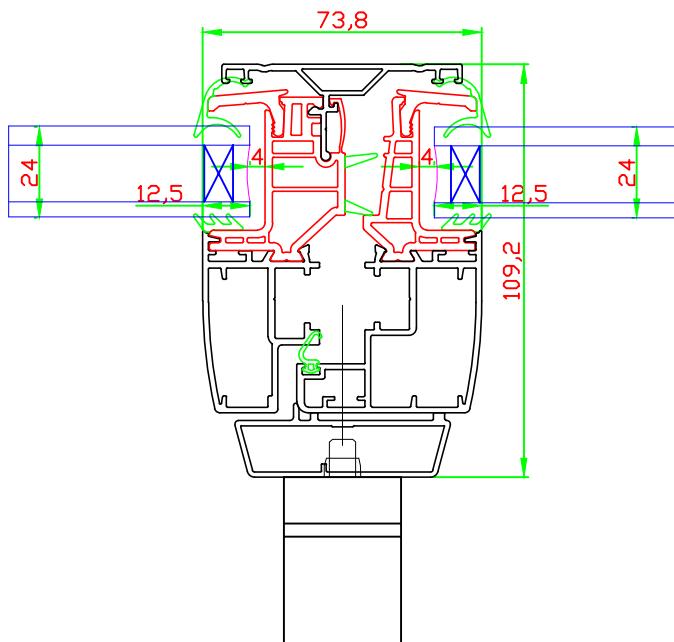
LES MASSES CENTRALES



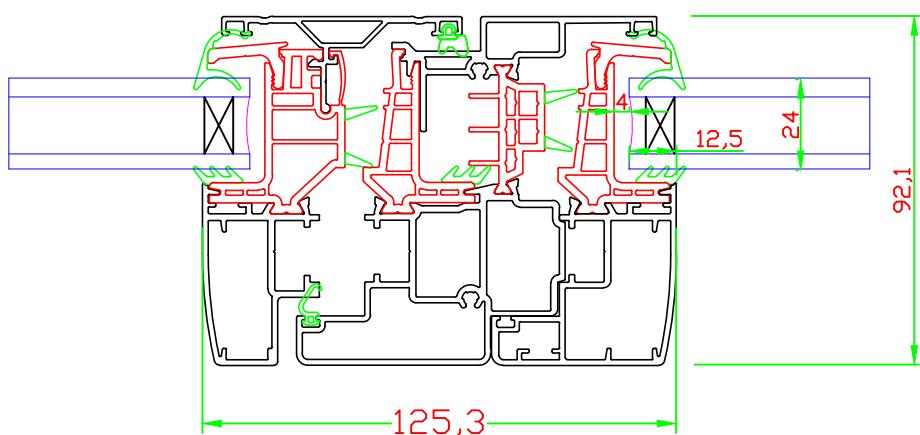
O cug'ègpvt cng'hgp' vt g.'QD'gv'RH'4'xcpvcwz



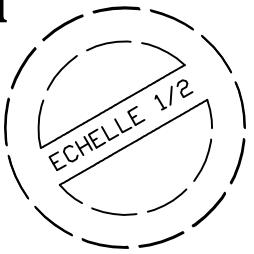
O cug'ègpvt cng'hgp' vt g.'QD'gv'RH'4'xcpvcwz
cxge'hqr vlqp'r qki p²g'ègpvt²g



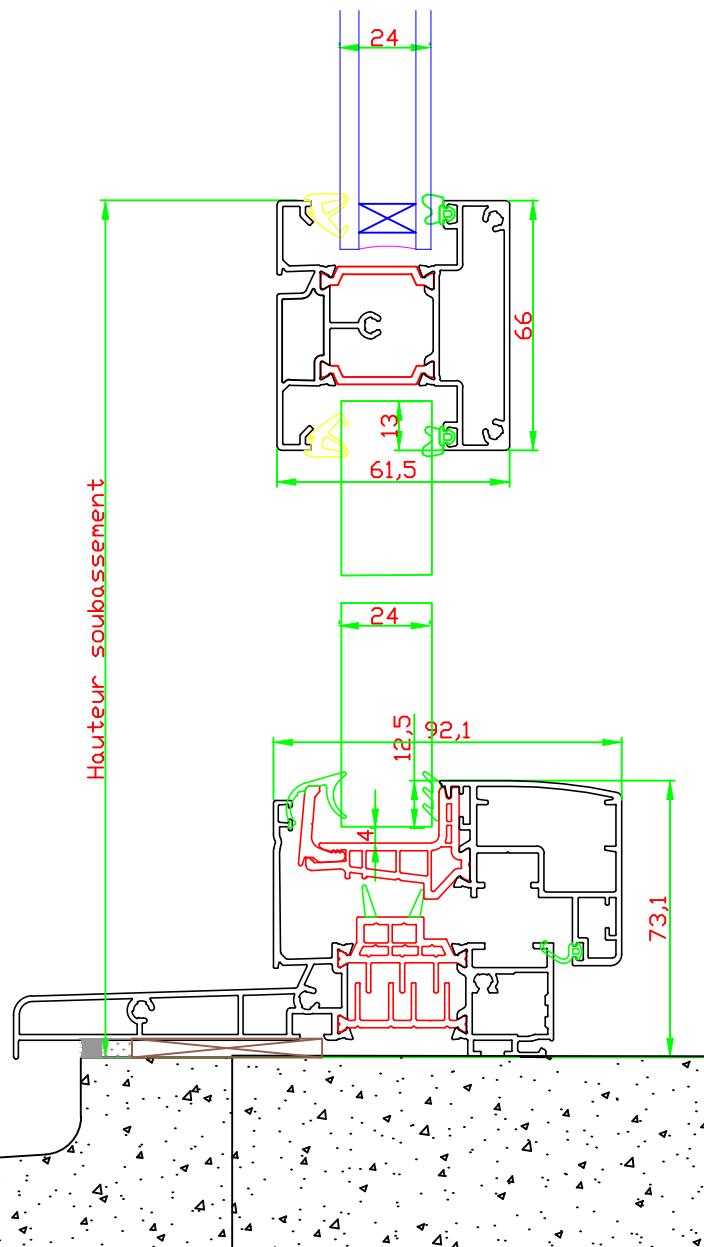
Masse centrale PB 2 vantaux



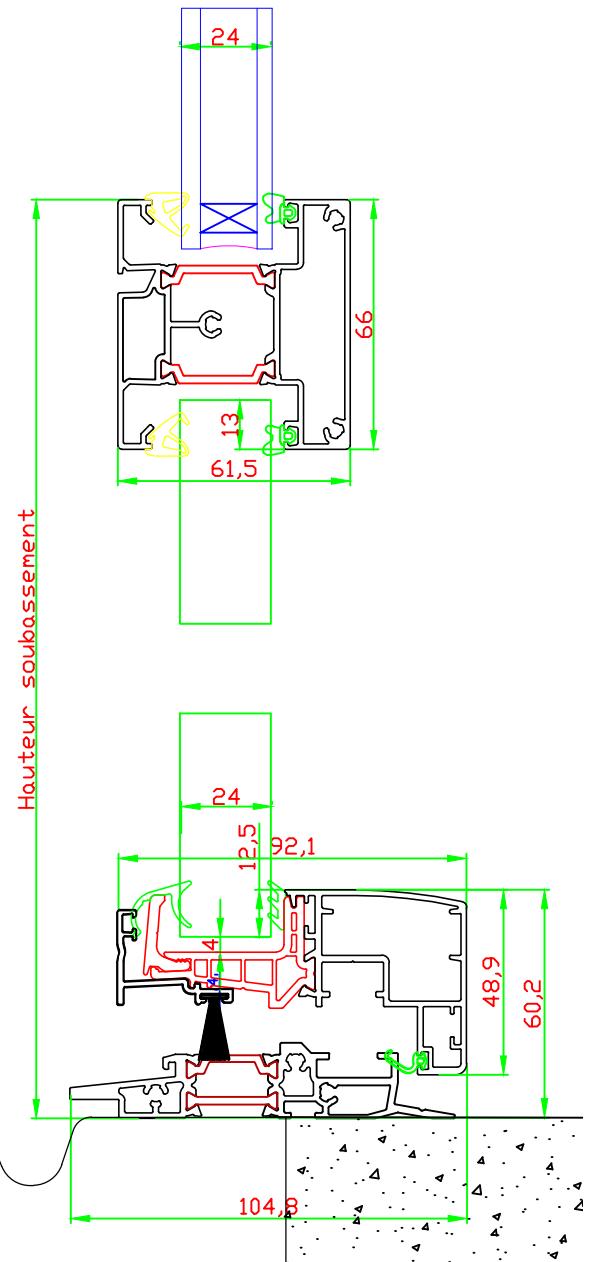
Soubassement sur PF ou PB Visual



Soubassement avec appui large sans aile



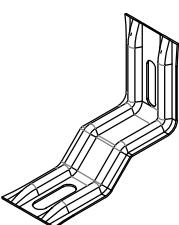
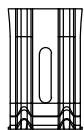
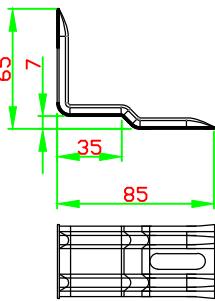
Soubassement avec seuil PMR



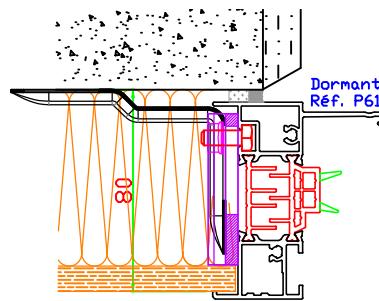
EQUERRE DE POSE pour Menuiserie VISUAL

Pattes pour isolation de 80 mm

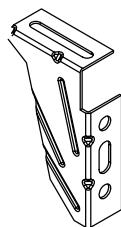
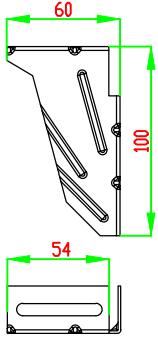
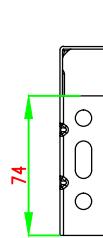
rcwg'lev'tcng'g'v'j cwg



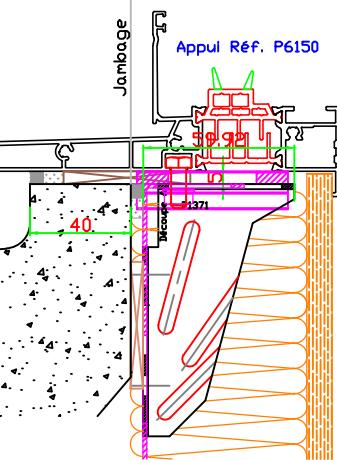
ref P1357



patte pour partie basse

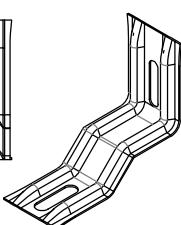
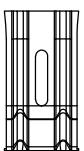
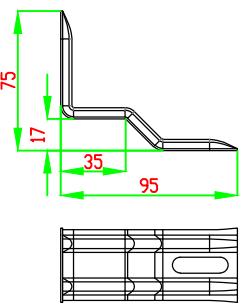


ref P1371

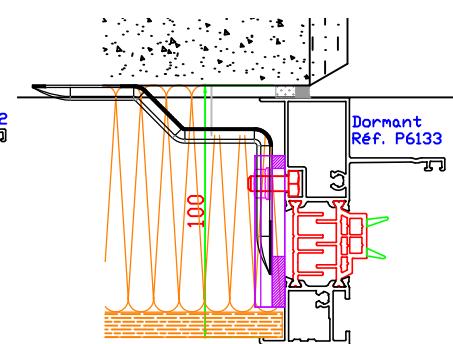
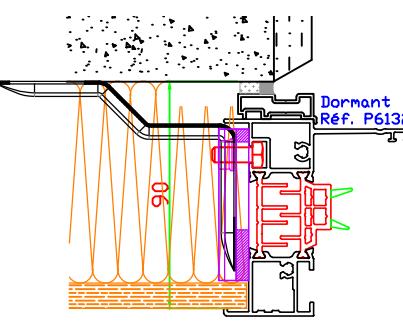


Pattes pour isolations de 90 et 100 mm

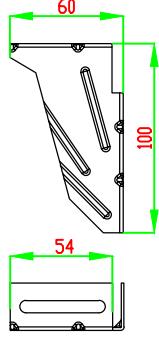
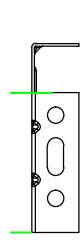
rcwg'lev'tcng'g'v'j cwg



ref P1368



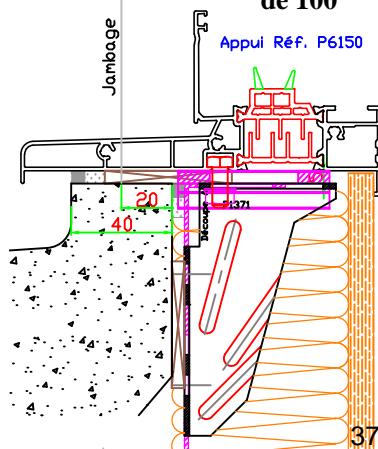
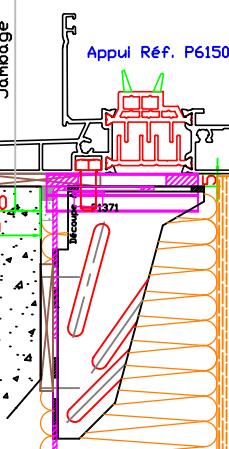
patte pour partie basse



ref P1371

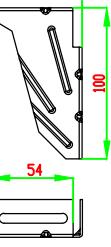
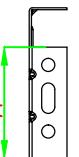
isolation de 100

isolation de 90



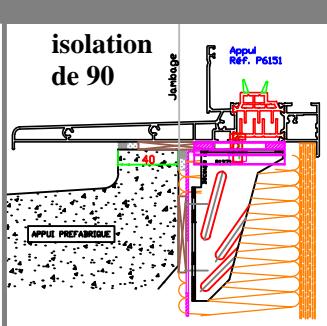
RCWGU'R QWT 'CRR WKG'G'DCUG'CXGE'CRR WKD'WQP'F'2 R QT V'

patte pour partie basse

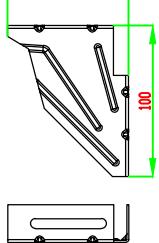
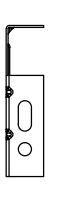


ref P1371

isolation de 90

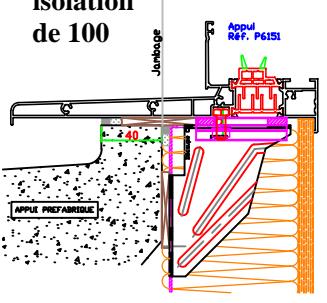


patte pour partie basse



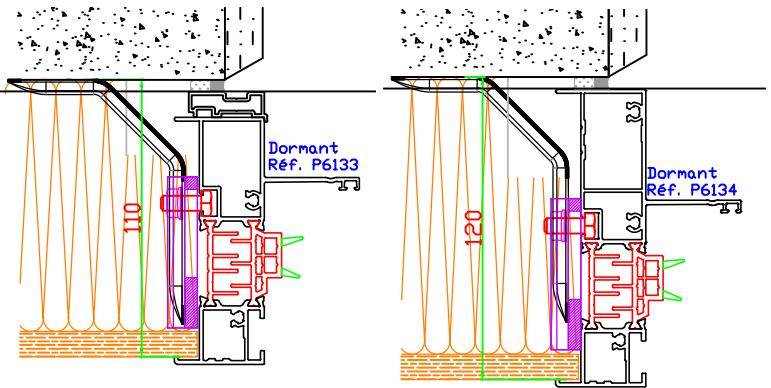
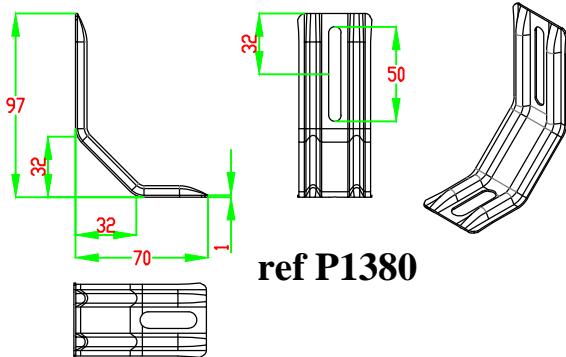
ref P1372

isolation de 100

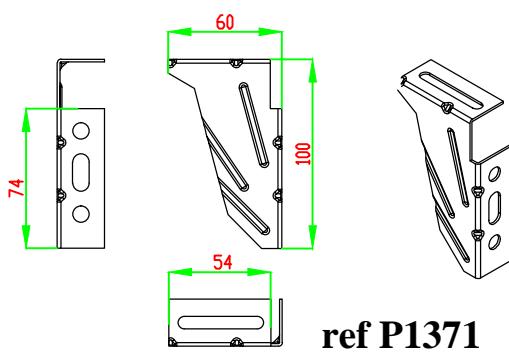


EQUERRE DE POSE pour Menuiserie VISUAL

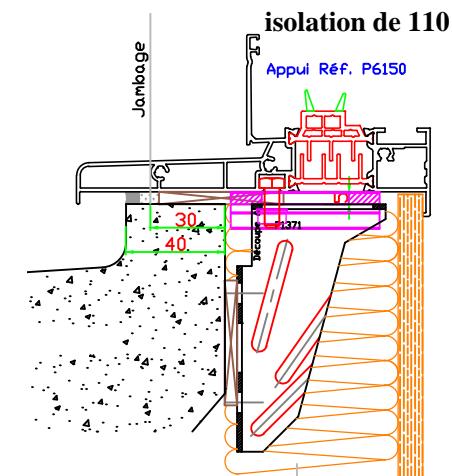
Pattes pour isolation de 110 et 120 mm



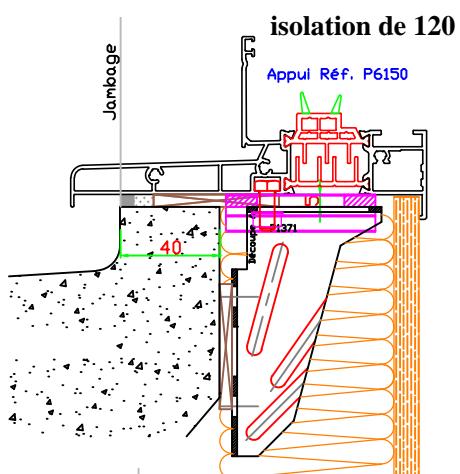
patte pour partie basse



ref P1371



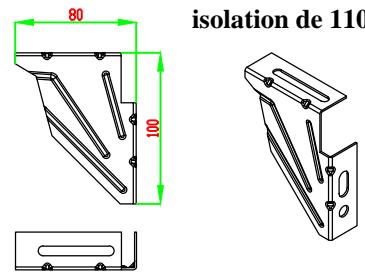
isolation de 110



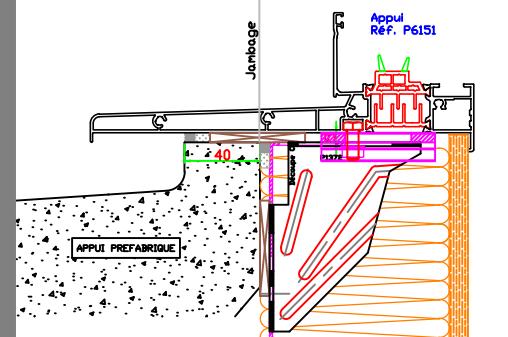
isolation de 120

Revgu'r qwt 'crr wkf g'dcug'cxge'crr wkd'wqp'f²r qt v

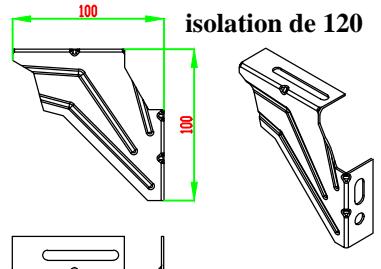
patte pour partie basse



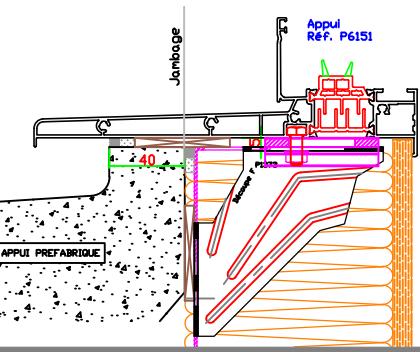
ref P1372



patte pour partie basse

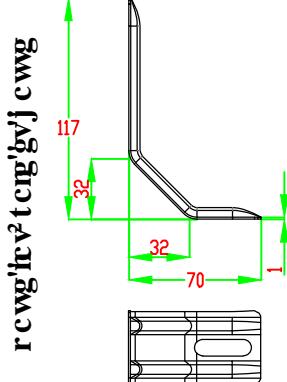


ref P1373

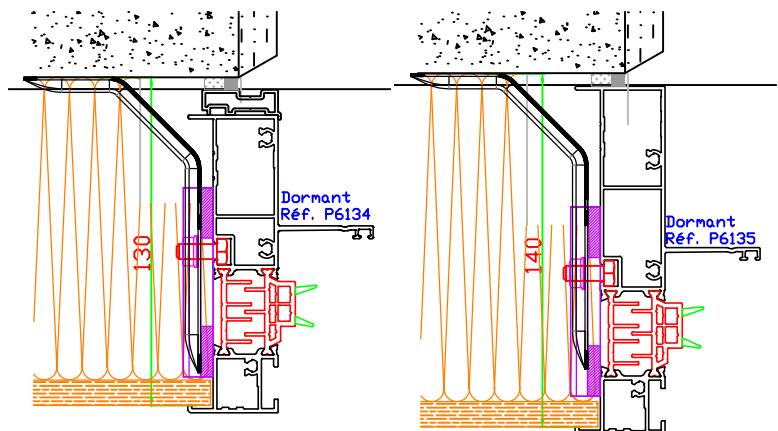


EQUERRE DE POSE pour Menuiserie VISUAL

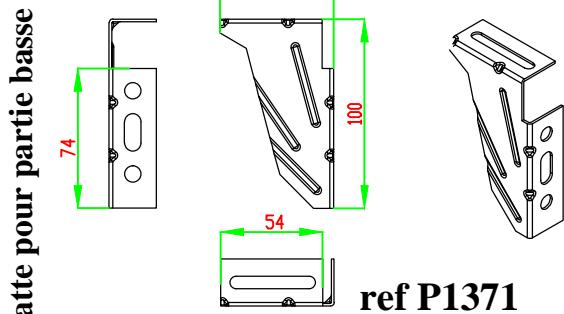
Pattes pour isolation de 130 et 140 mm



ref P1381

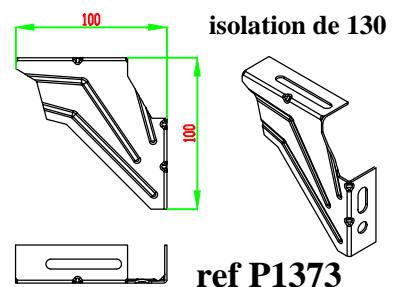


Rewgu'l qwt 'er r wkf g'dcug'cxge'cr r wkd'wp'f'2r qt v'

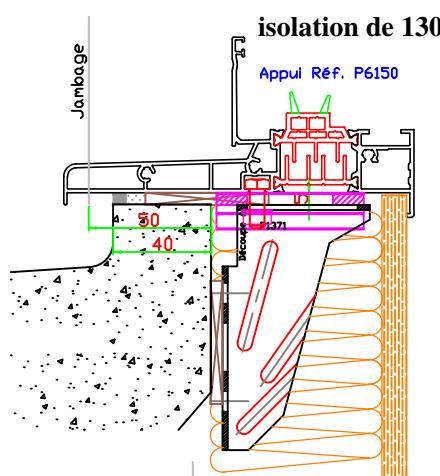


Rewgu'l qwt 'er r wkgp'qr vqp'cxge'cr r wkd'wp'cri p'

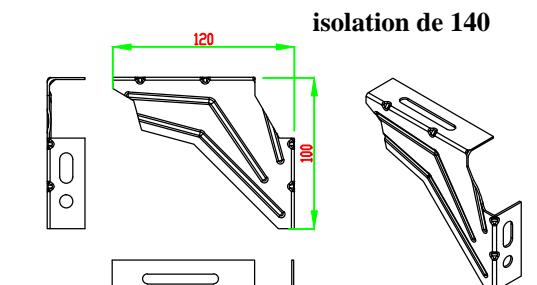
patte pour partie basse



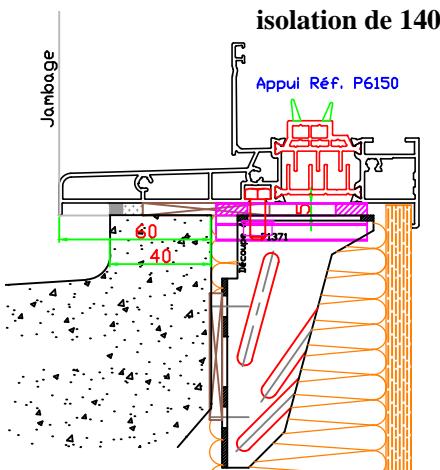
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patte pour partie basse

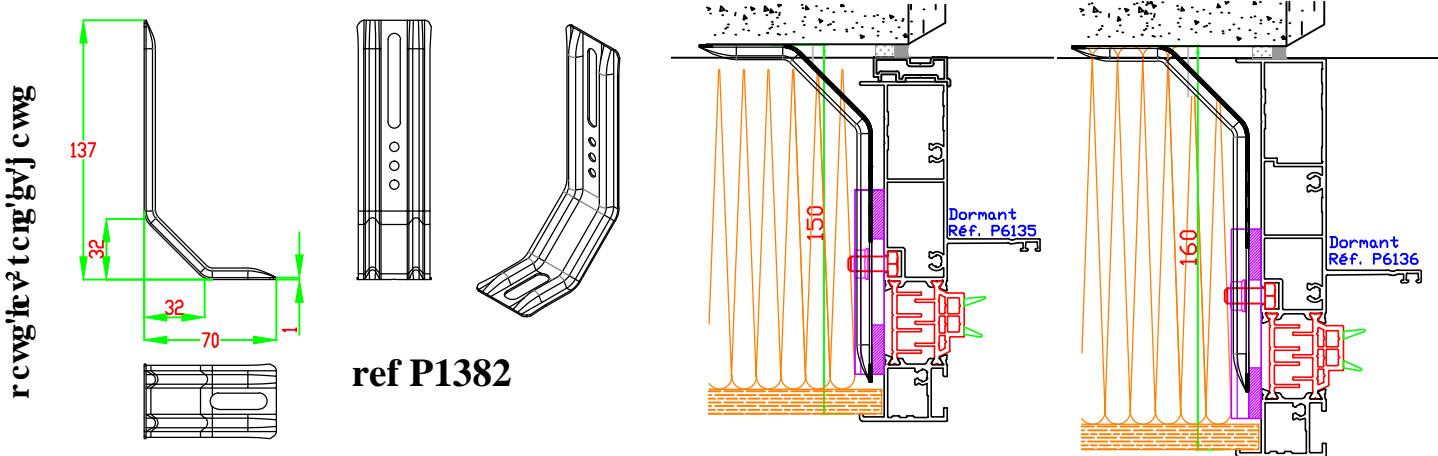


ref P1374

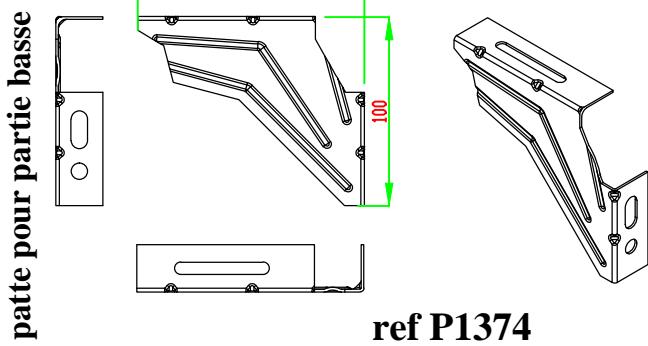


EQUERRE DE POSE pour Menuiserie VISUAL

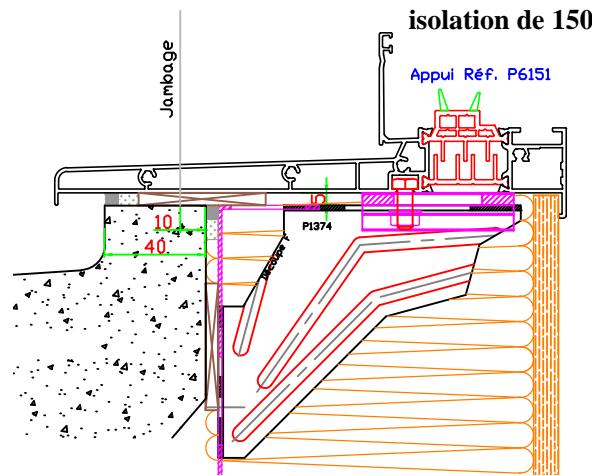
Pattes pour isolation de 150 et 160 mm



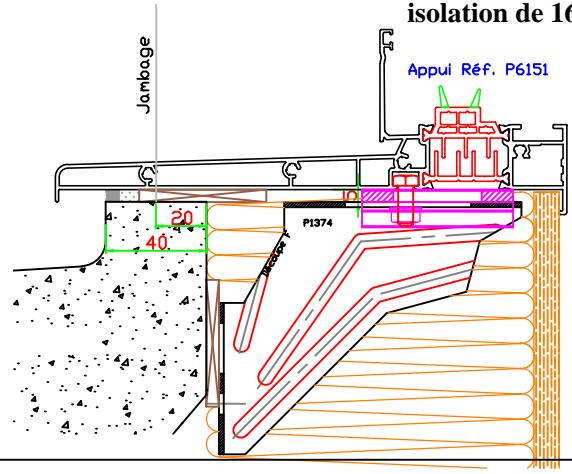
Rewgu'r qwt 'crr wkf g'dcug'cxge'crr wkd2 wqp'f² r qt v²



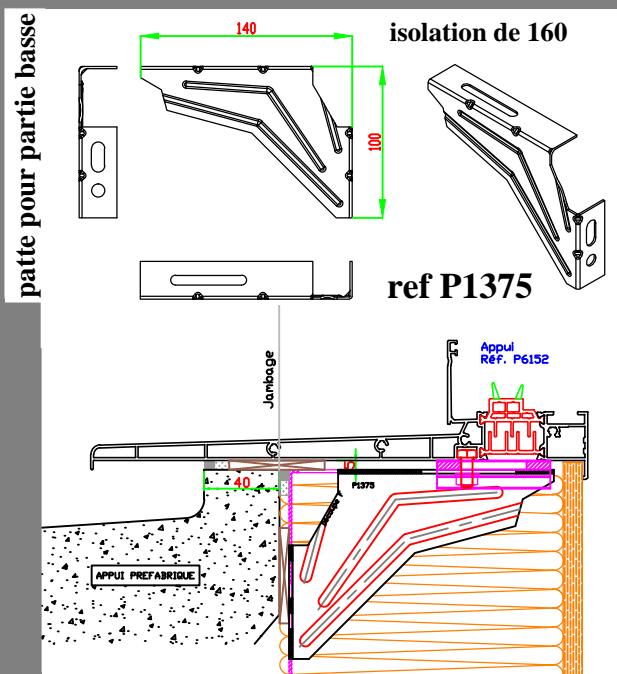
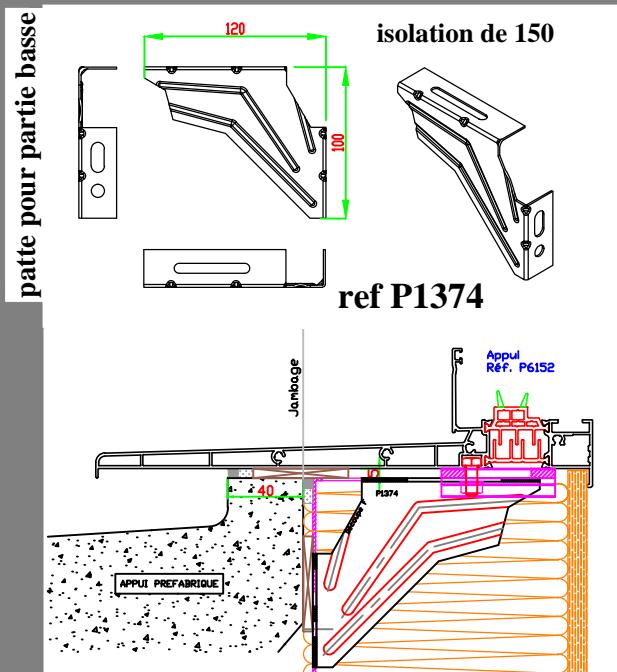
ref P1374



isolation de 160

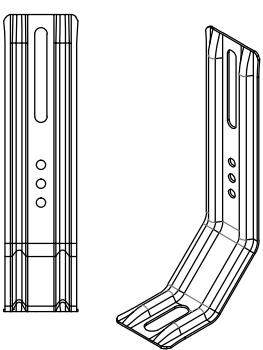
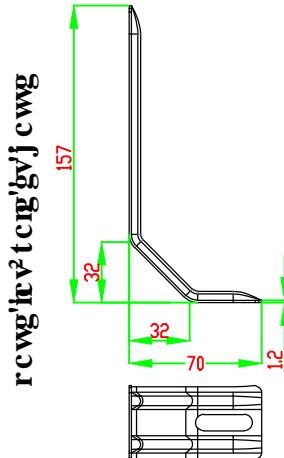


Rewgu'r qwt 'crr wkgp'qr vqp'cxge'crr wkd2 wqp'cni p²

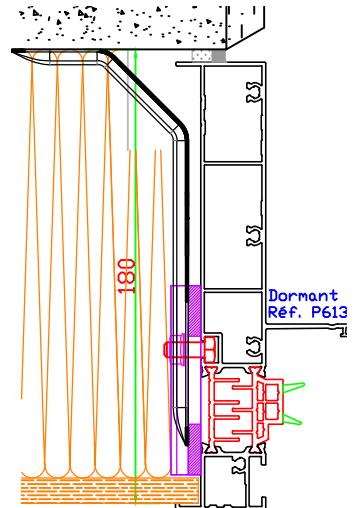
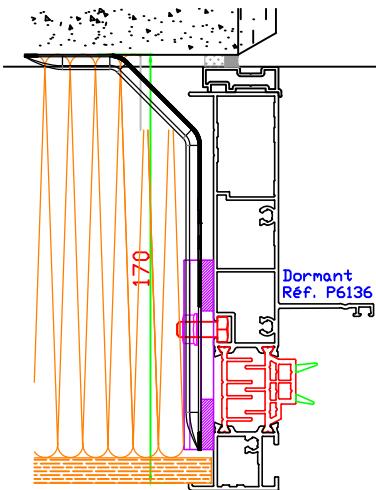


EQUERRE DE POSE pour Menuiserie VISUAL

Pattes pour isolation de 170 et 180 mm

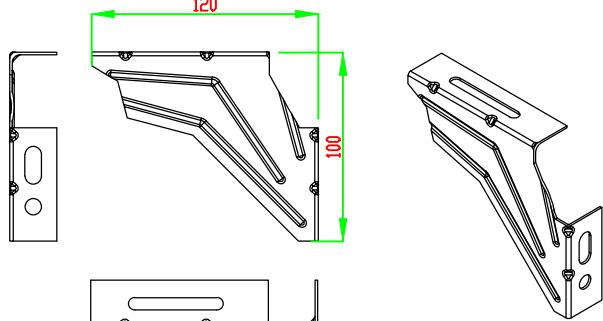


ref P1383



Rewguf'qwt 'cr r wkf g'dcug'cxege'cr r wkd2 wqp'f² r qt v²

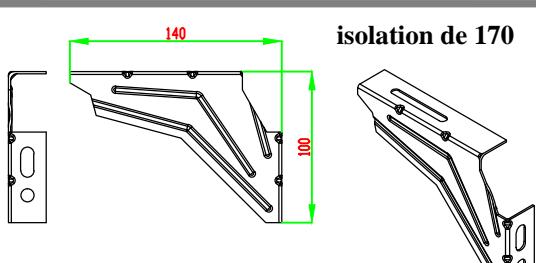
pattes pour partie basse



ref P1374

Rewguf'qwt 'cr r wkgp'qr wqp'cxege'cr r wkd2 wqp'tek p²

pattes pour partie basse

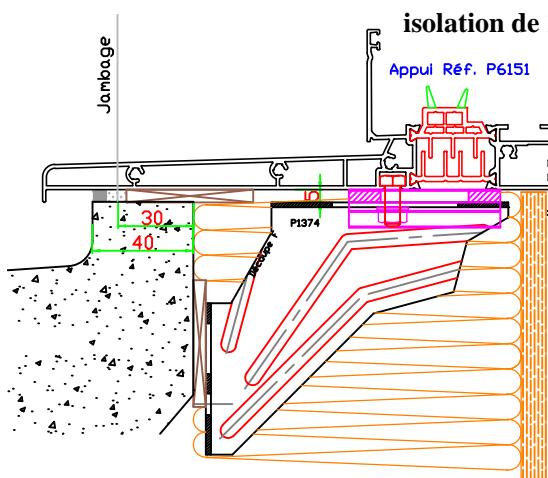


ref P1375

Janbage

isolation de 170

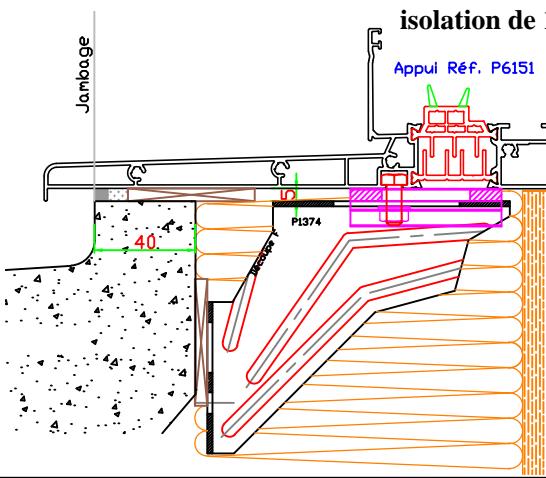
Appui Réf. P6151



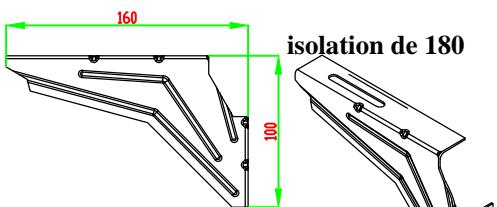
Janbage

isolation de 180

Appui Réf. P6151



pattes pour partie basse



ref P1376

Janbage

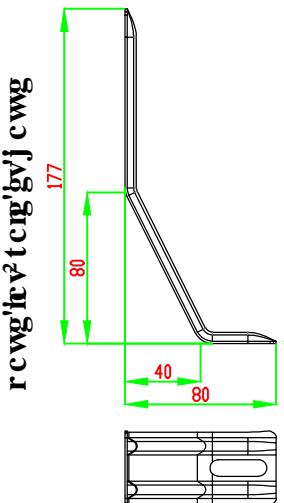
isolation de 180

Appui Réf. P6152

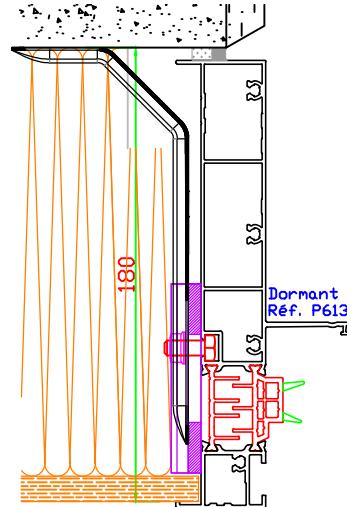
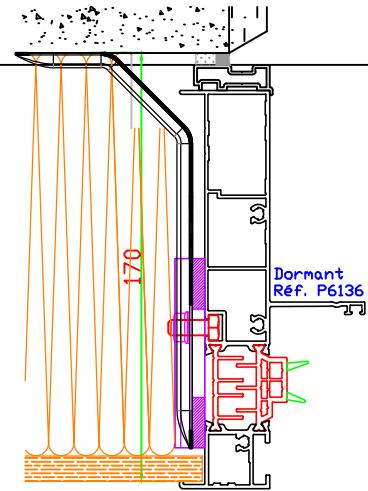
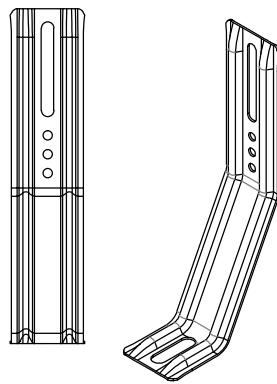


EQUERRE DE POSE pour Menuiserie VISUAL

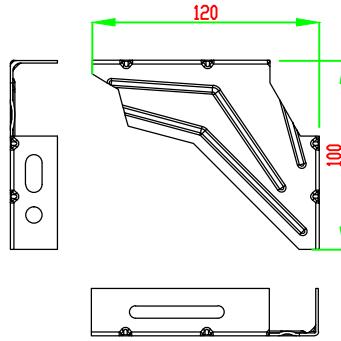
Pattes pour isolation de 190 et 200 mm



ref P1384

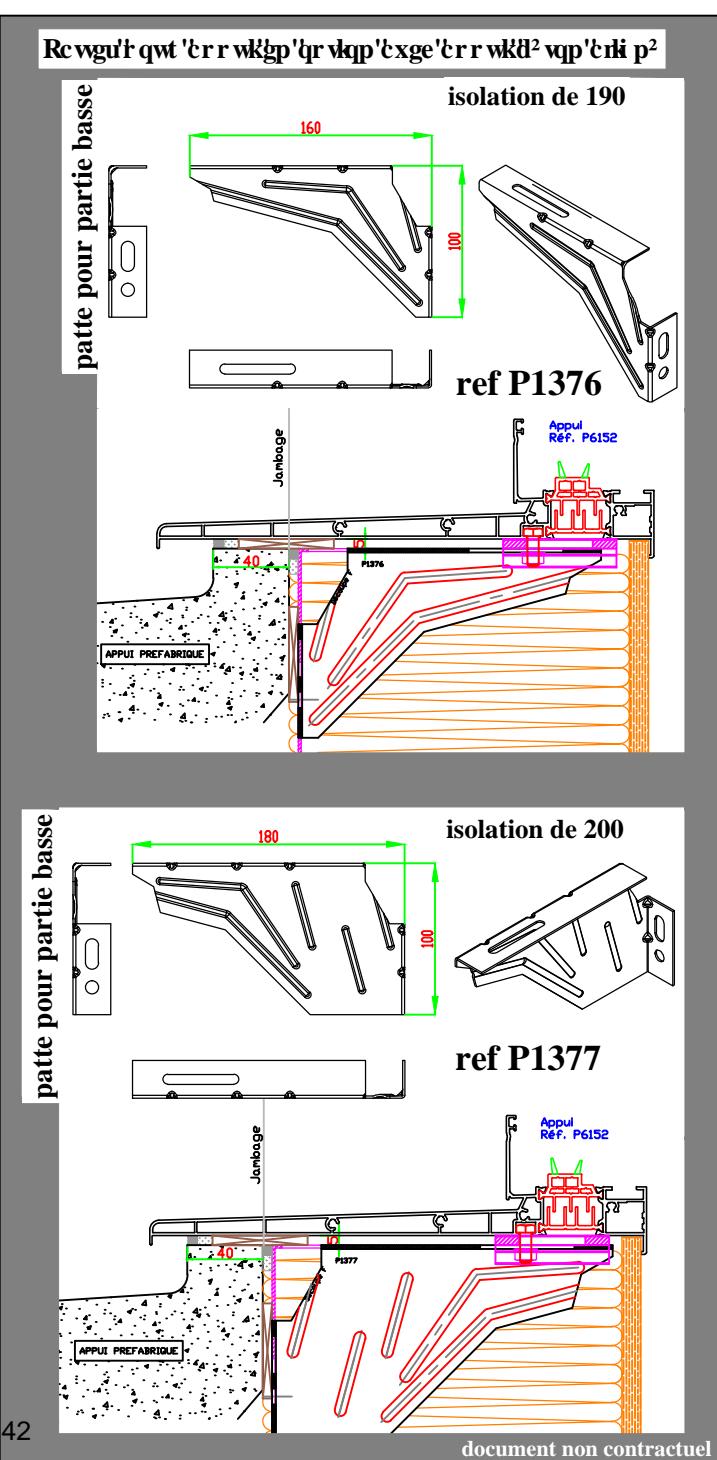
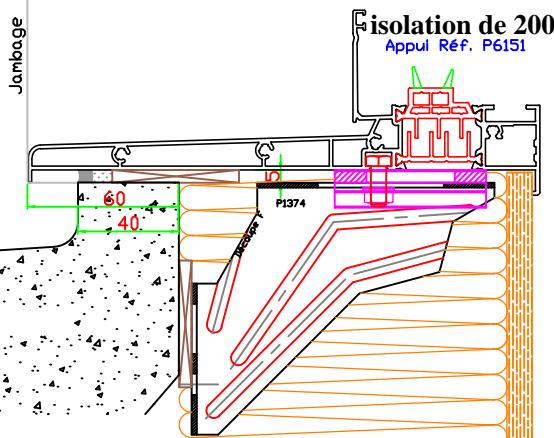
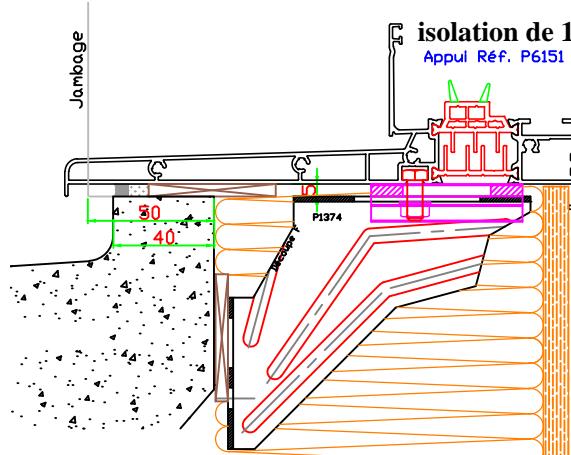


patte pour partie basse



ref P1374

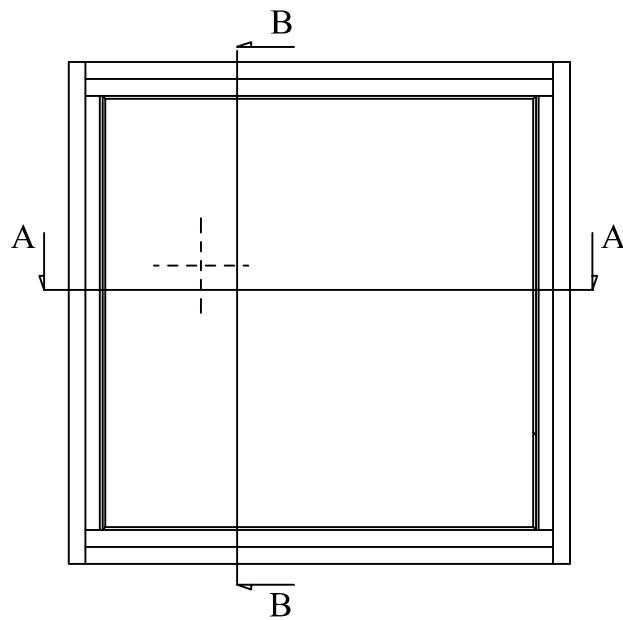
isolation de 190
Appui Réf. P6151



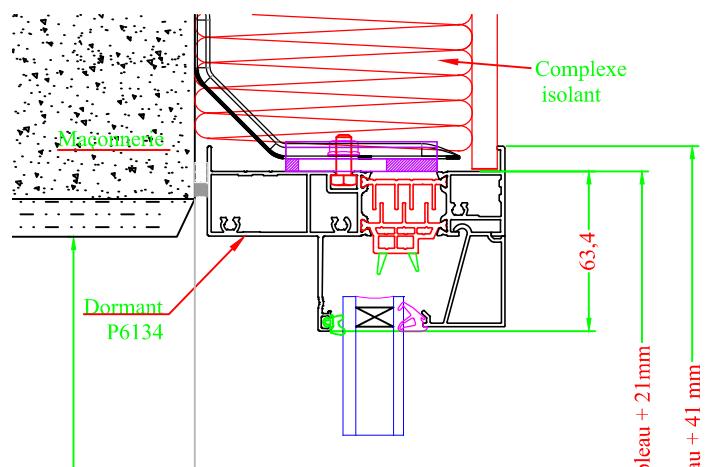
PLAN EN ELEVATION Menuiserie VISUAL

Ej -wku'lkzg'f qt o cpv'b qpqdnqe

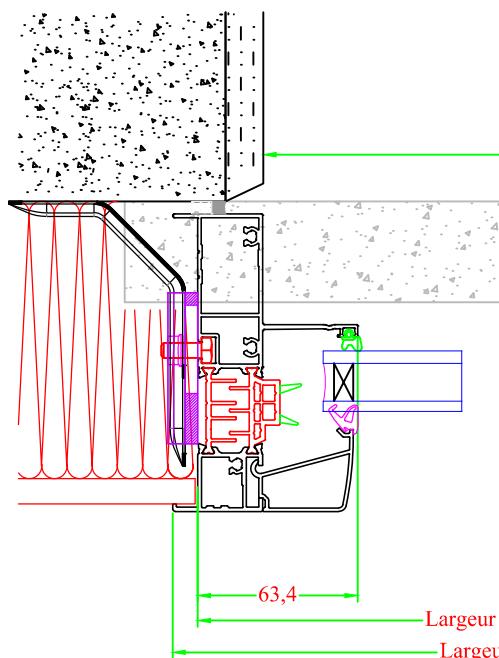
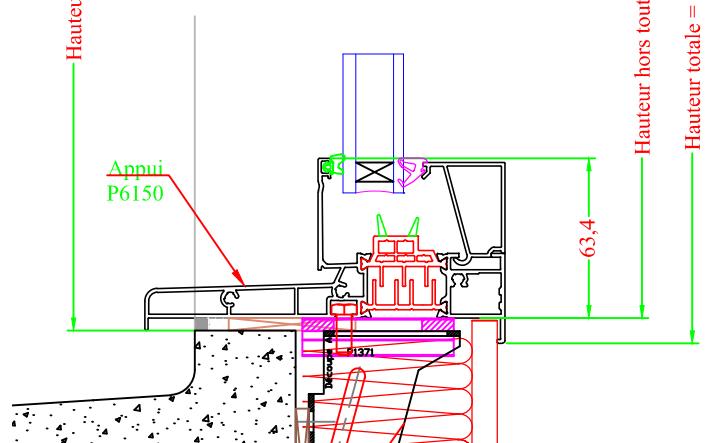
(pose en applique avec isolation)



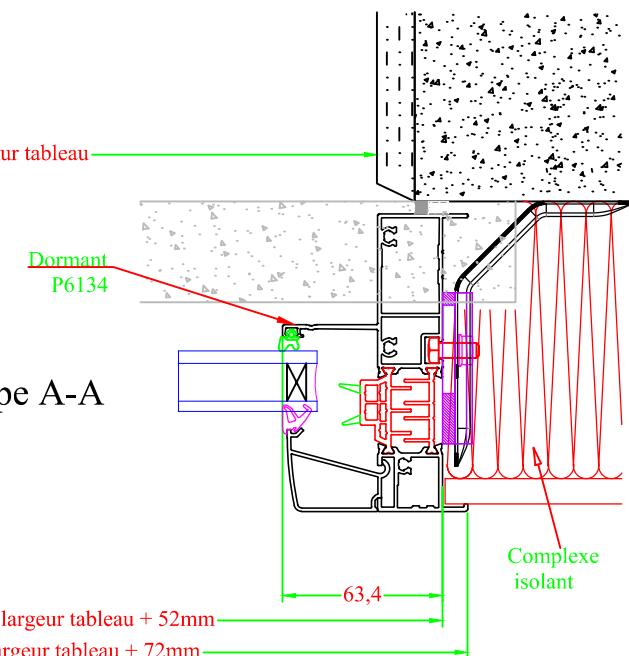
Traverses filantes par rapport aux montants



Coupe B-B



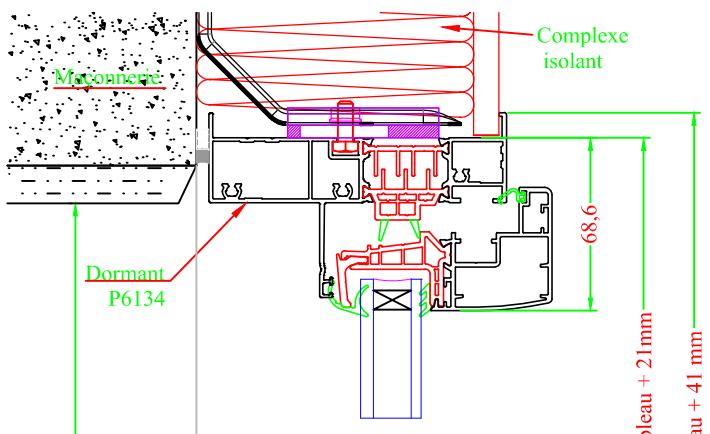
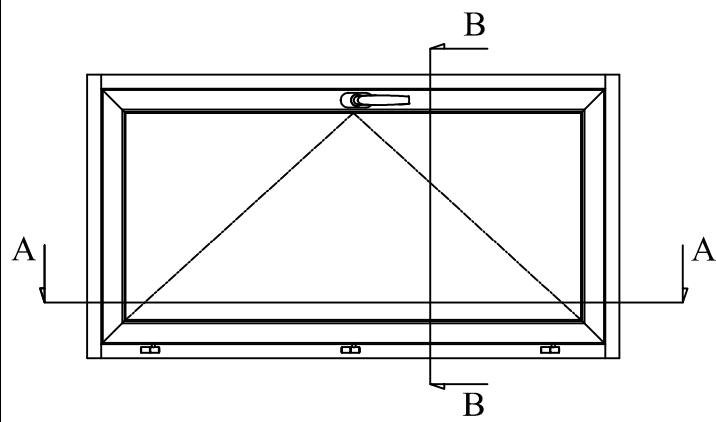
Coupe A-A



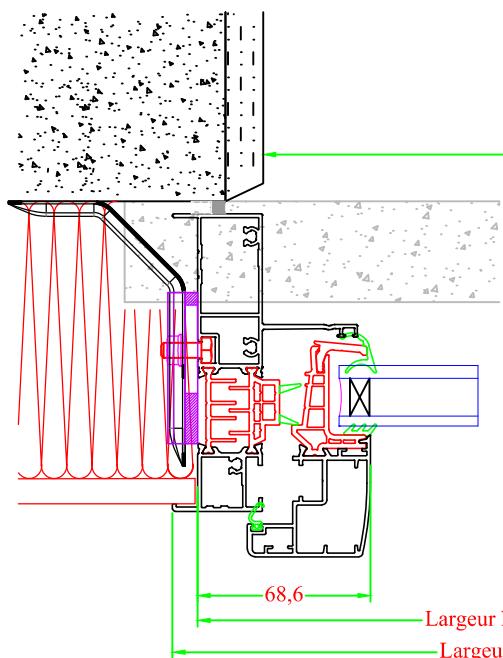
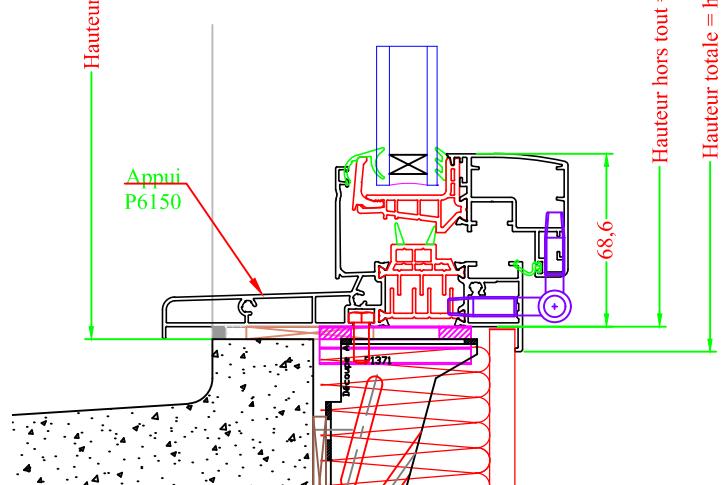
PLAN EN ELEVATION Menuiserie VISUAL

Ej -wku'cdcwpv'f qto cpv'o qpqdmqe

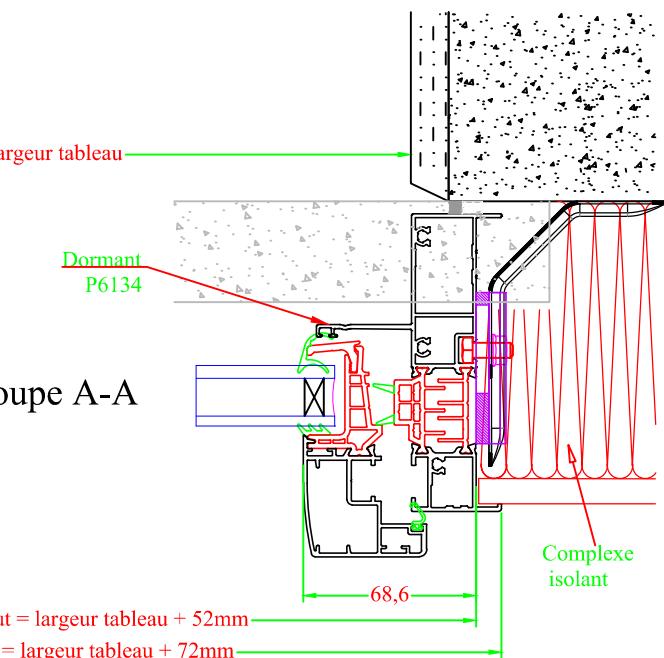
(pose en applique avec isolation)



Coupe B-B



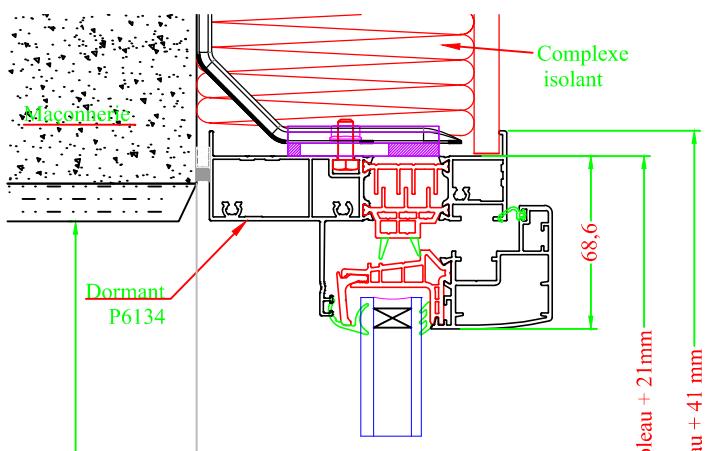
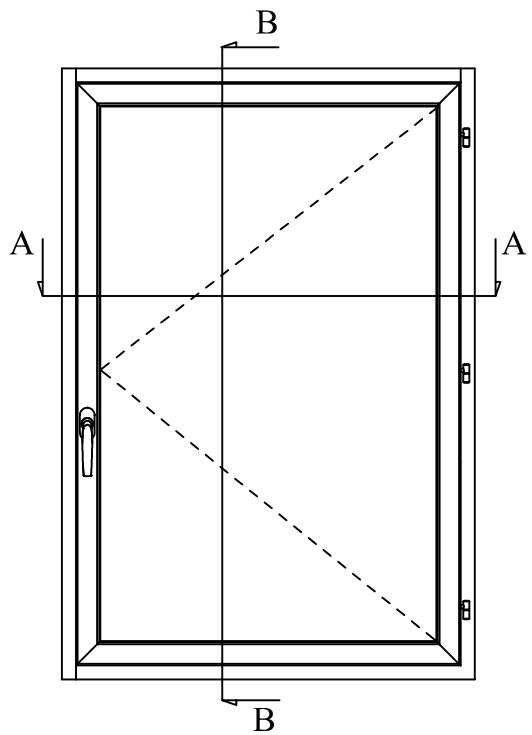
Coupe A-A



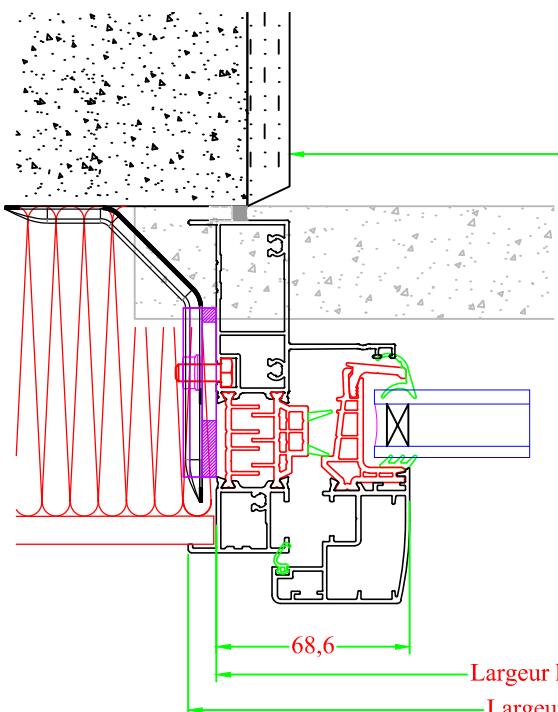
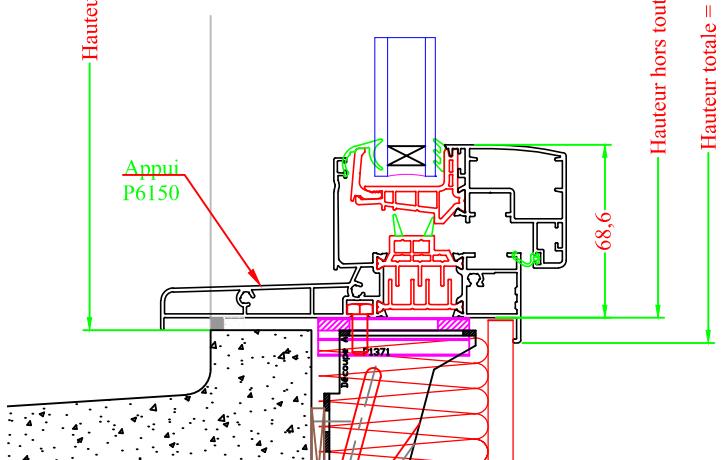
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'3'xcpwckif qt o cpv'b qpqdnqe

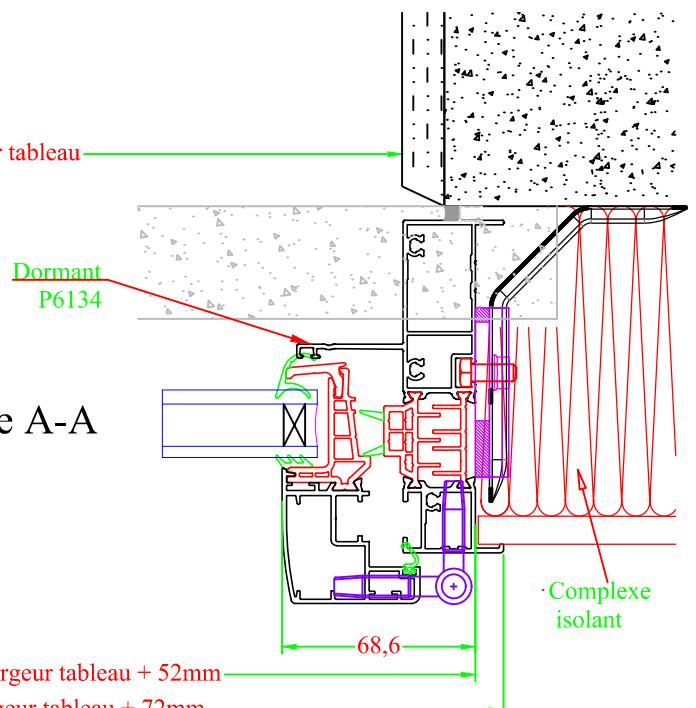
(pose en applique avec isolation)



Coupe B-B



Coupe A-A

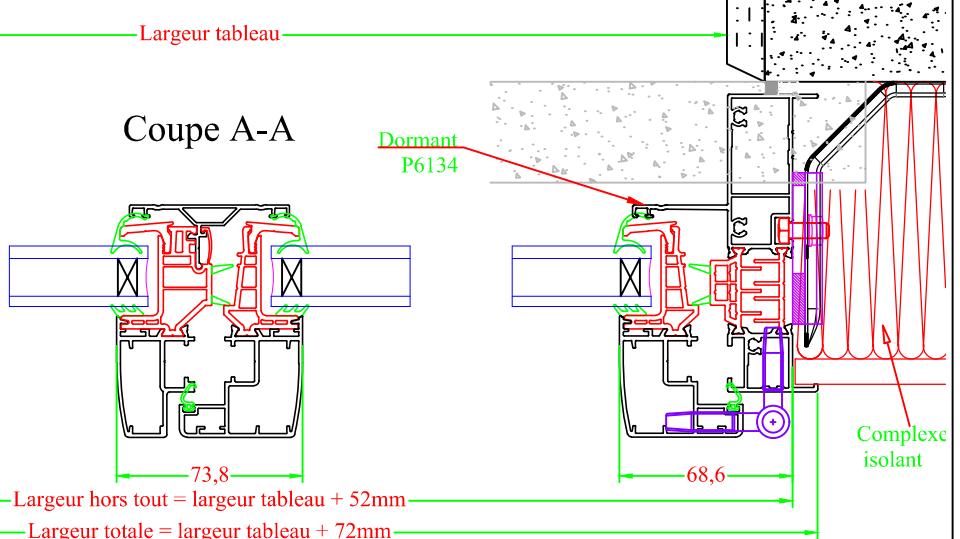
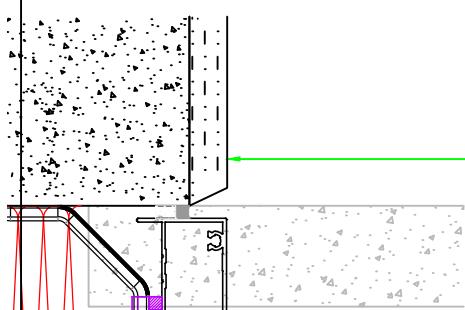
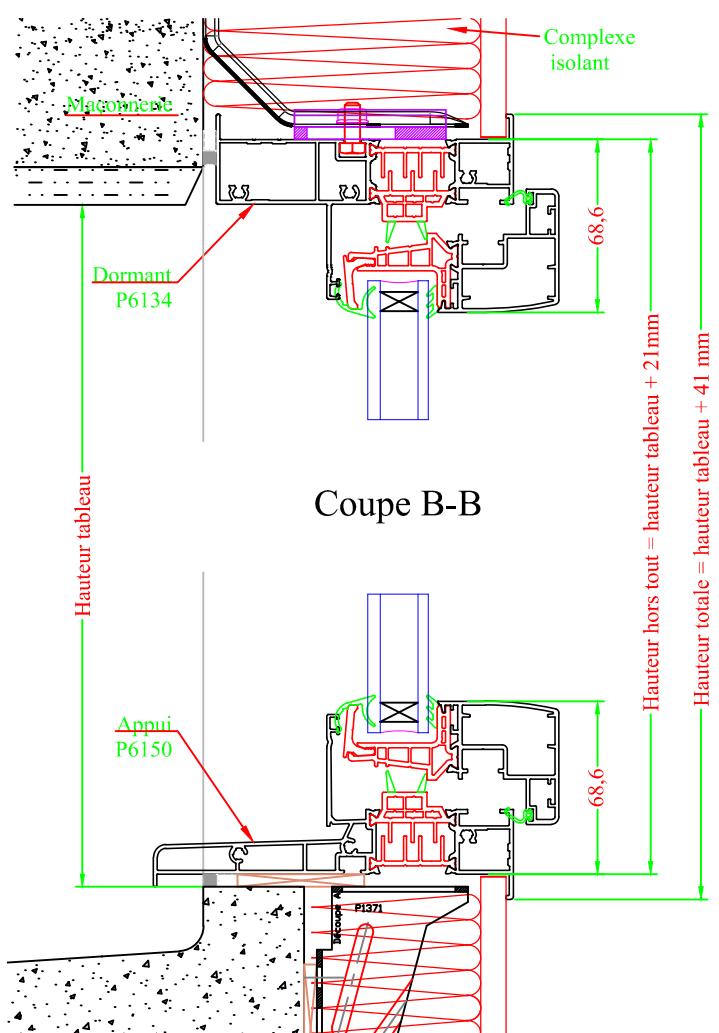
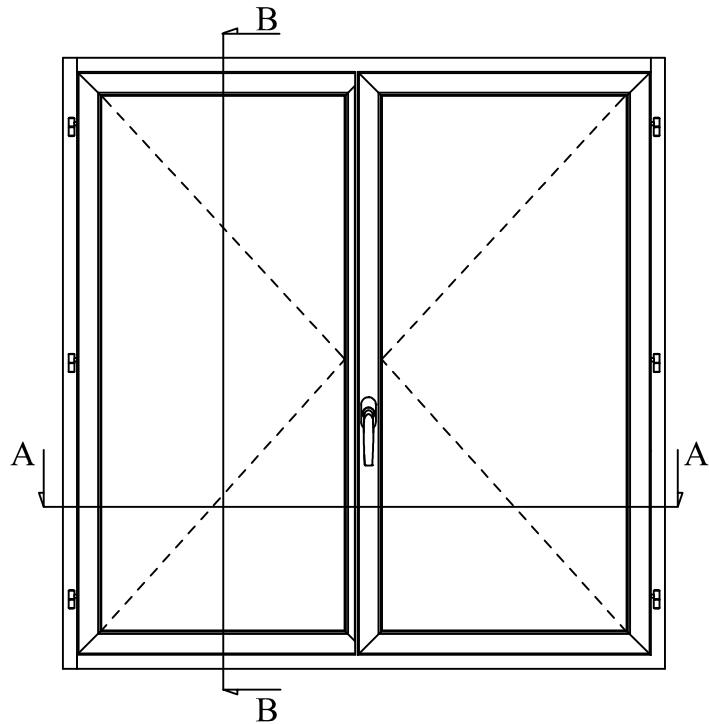


Largeur hors tout = largeur tableau + 52mm
Largeur totale = largeur tableau + 72mm

PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz'f qt o cpv'b qpqdnqe

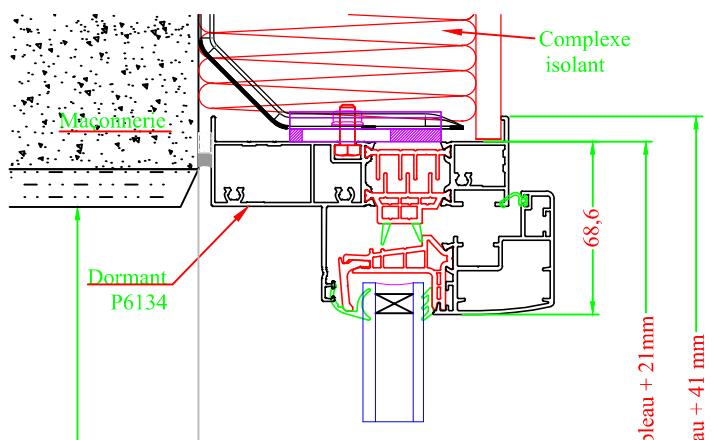
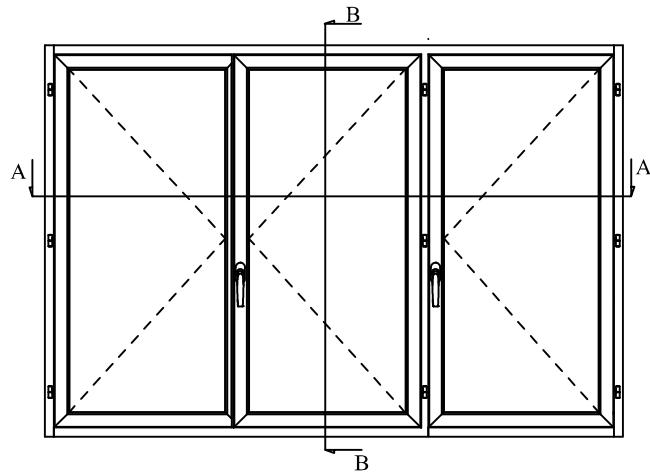
(pose en applique avec isolation)



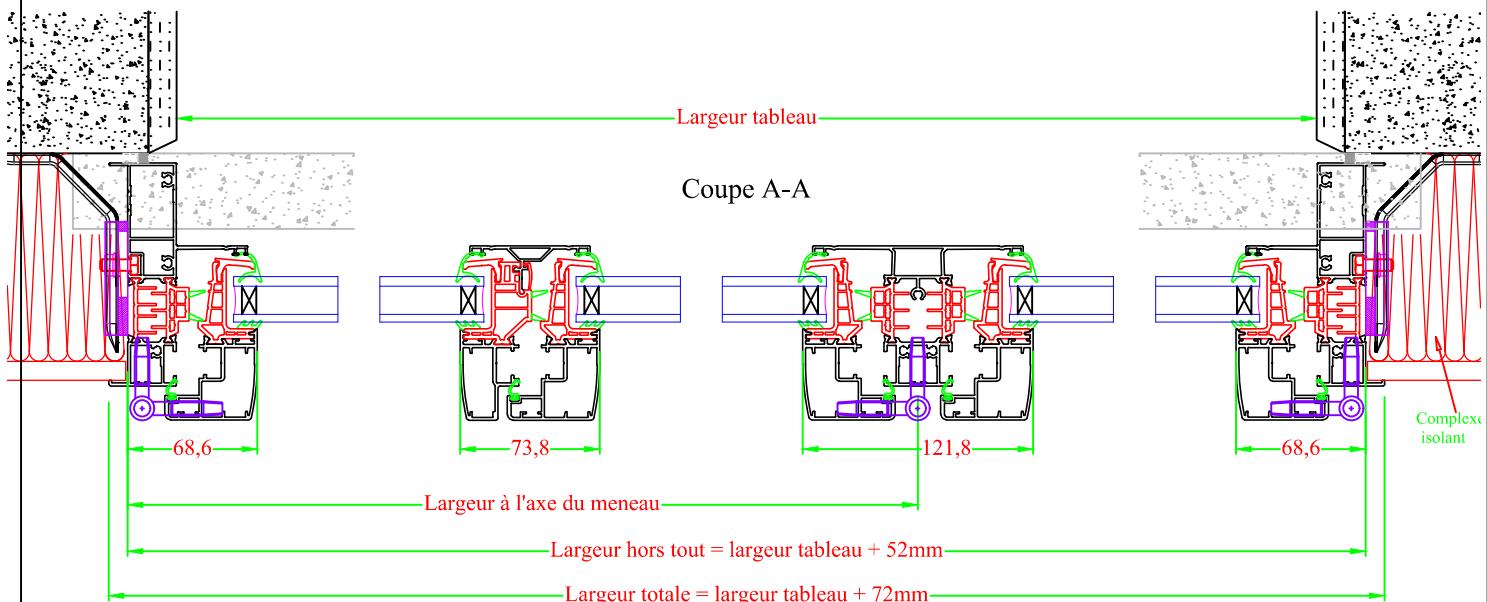
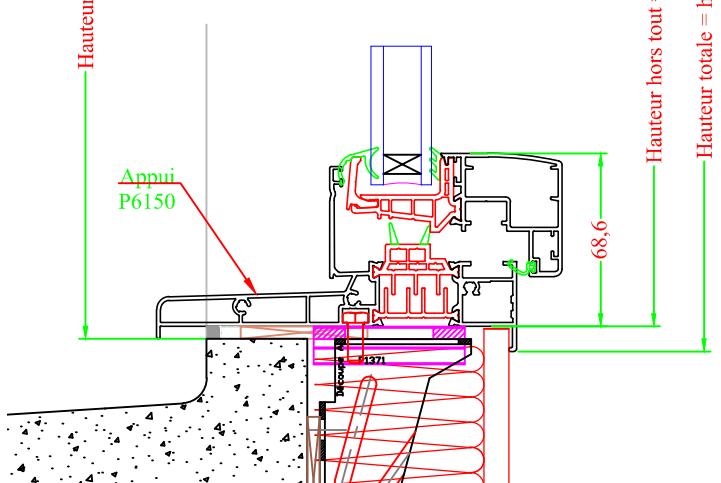
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'5'xcpw wz'f qt o cpv'b qpqdnqe

(pose en applique avec isolation)



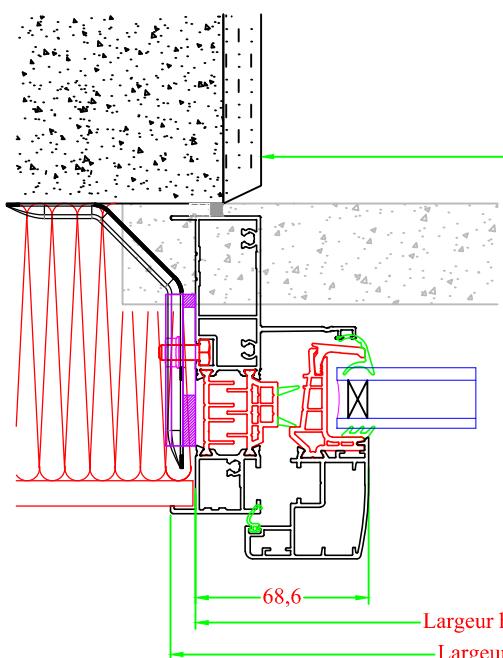
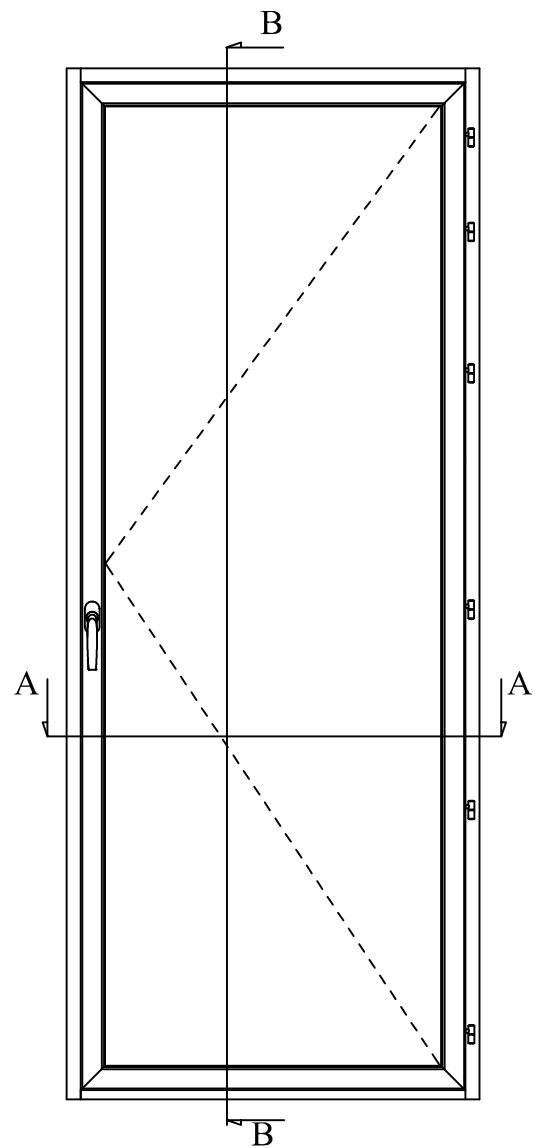
Coupe B-B



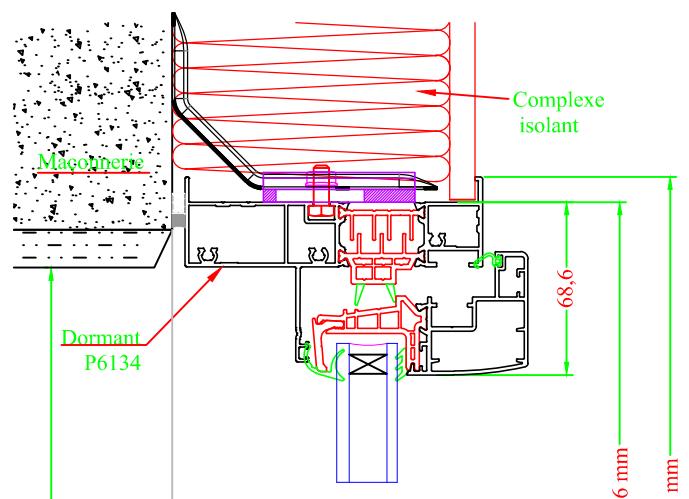
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'hp' vt g'3'xcpwklif qto cpv'b qpqdmqe

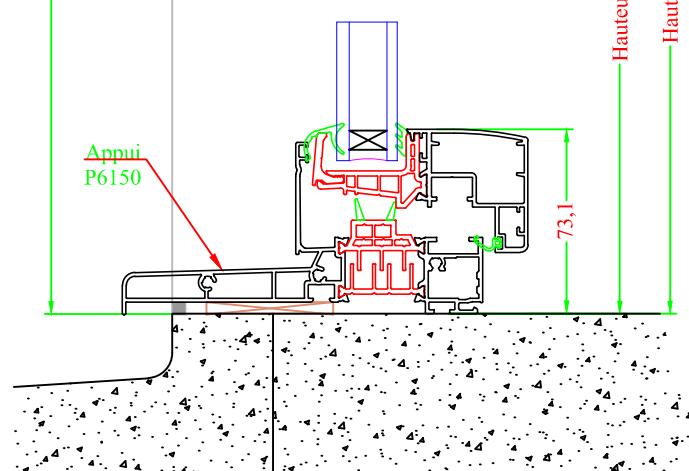
(pose en applique avec isolation)



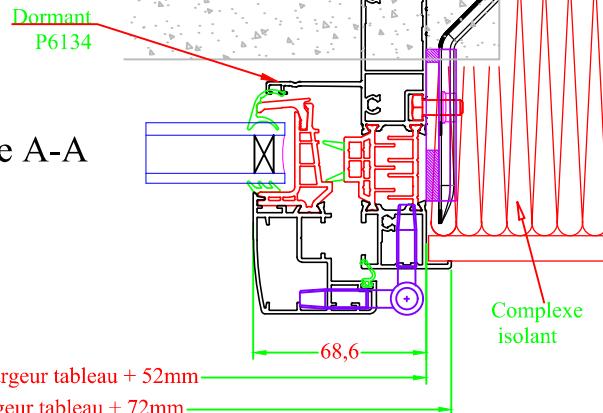
Coupe A-A



Coupe B-B

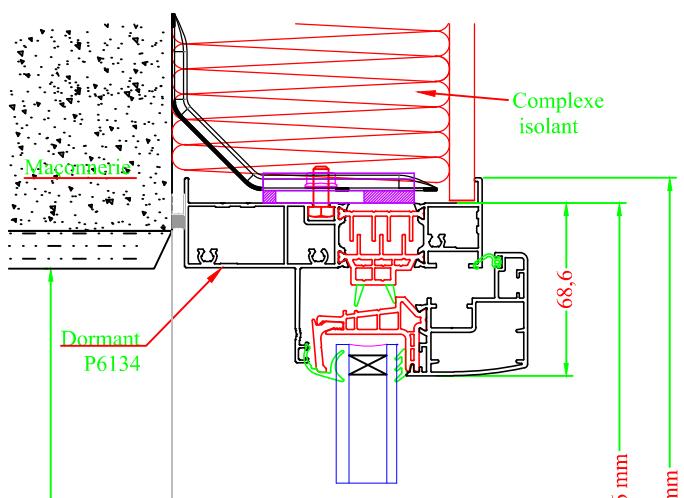
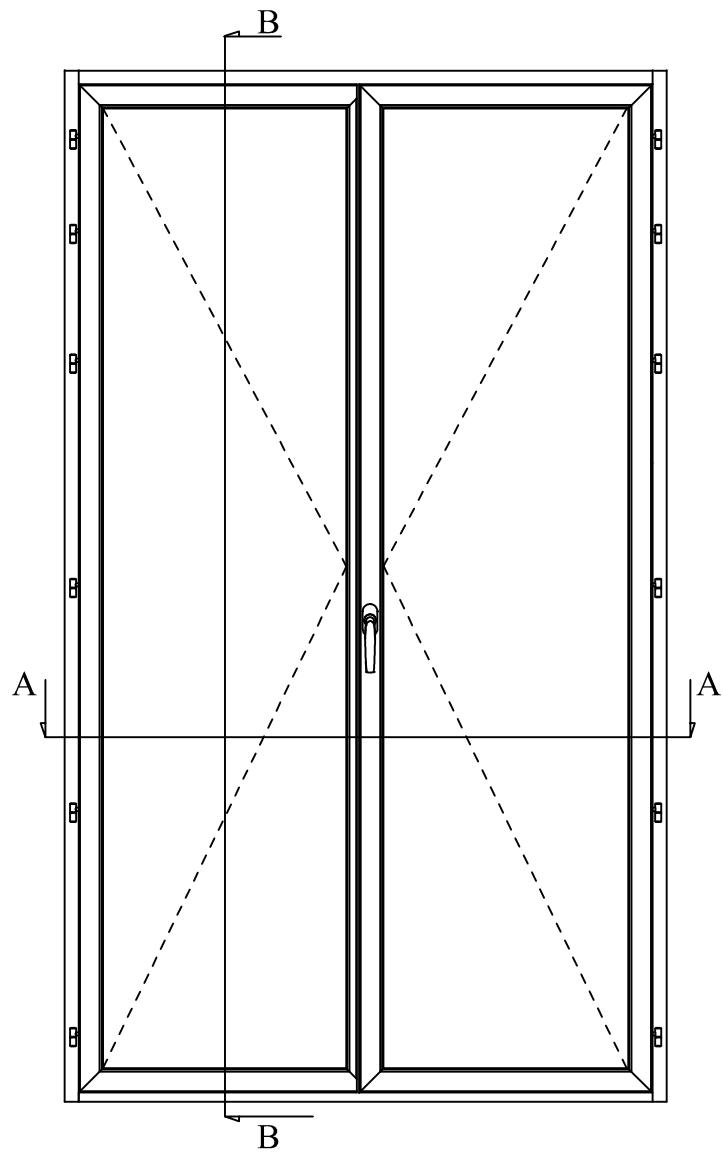


Coupe A-A

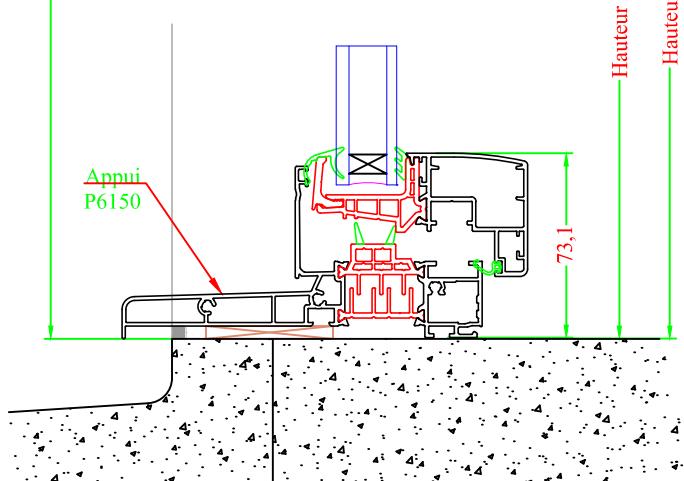


PLAN EN ELEVATION Menuiserie VISUAL

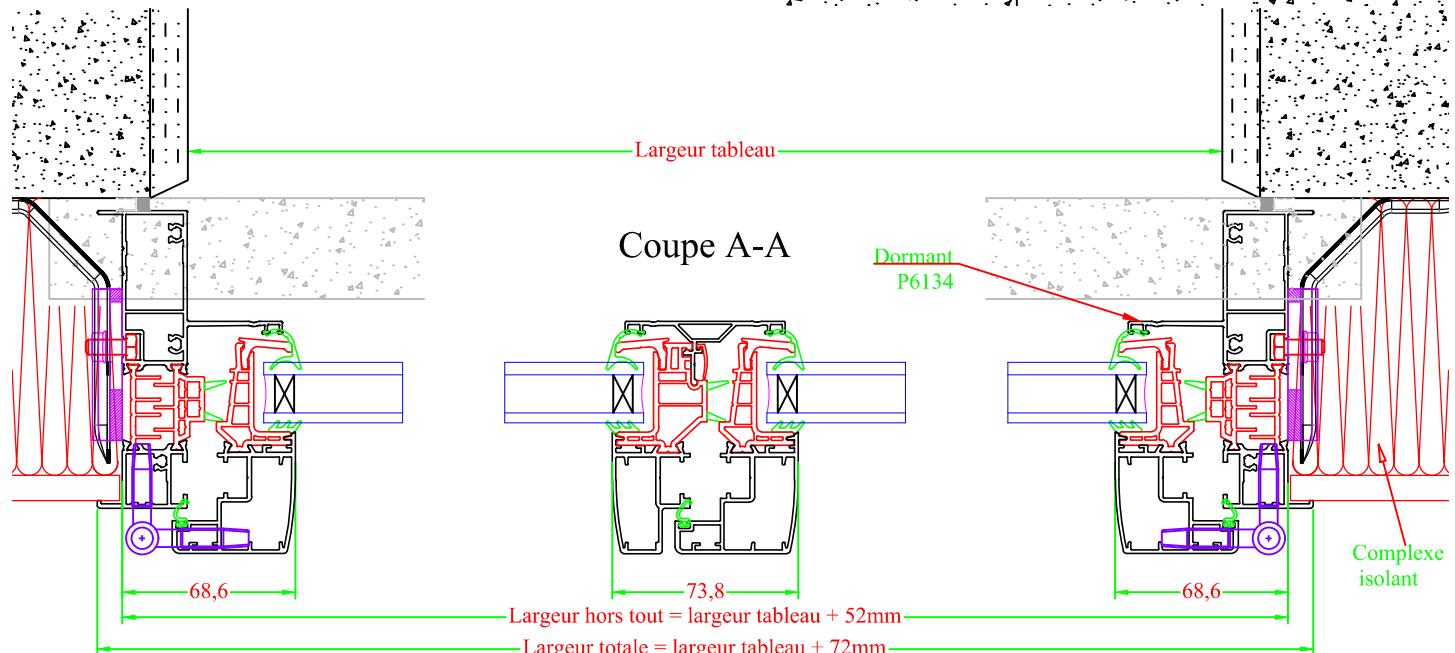
Rqt vg'hgp' vt g'4'xcpwcz 'f qto cpv'b qpqdmqe (pose en applique avec isolation)



Coupe B-B



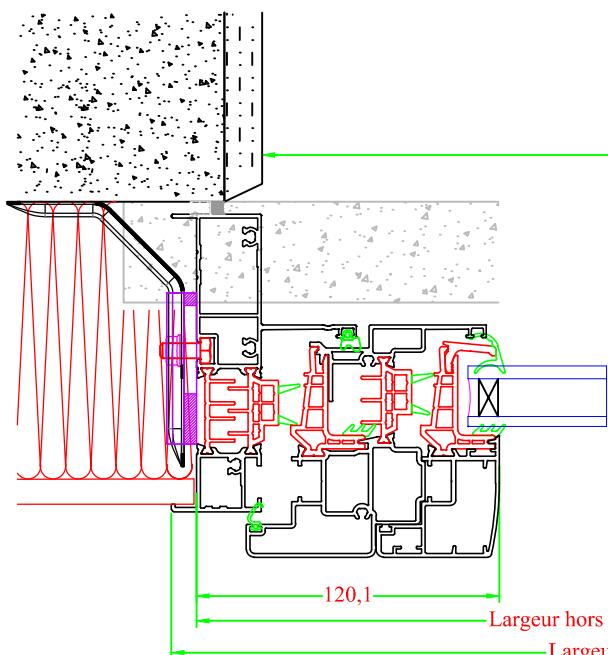
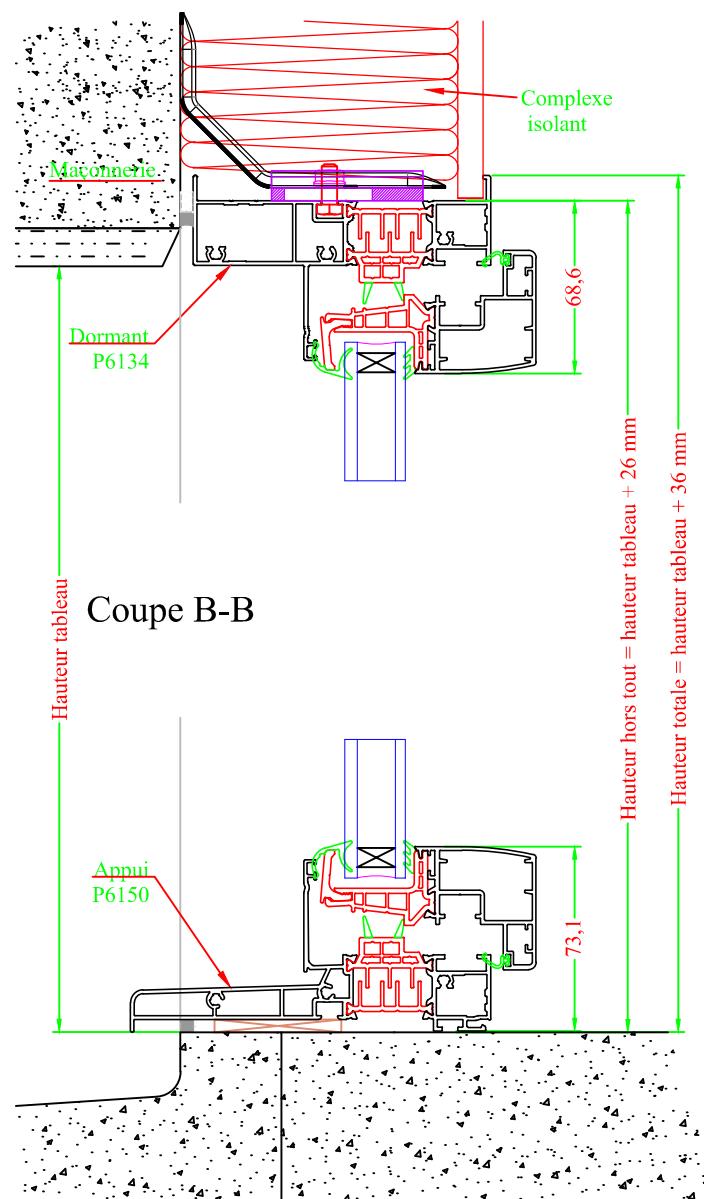
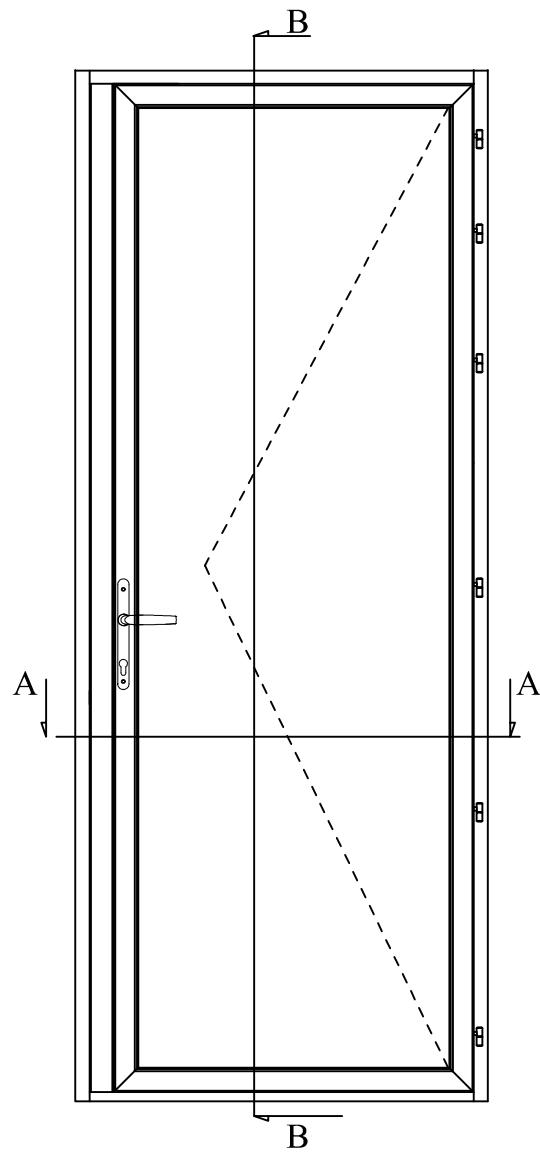
Coupe A-A



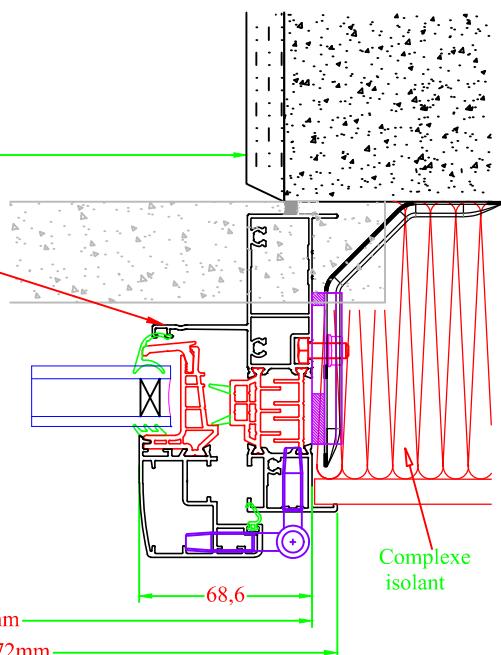
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 1 vantail dormant monobloc

(pose en applique avec isolation)



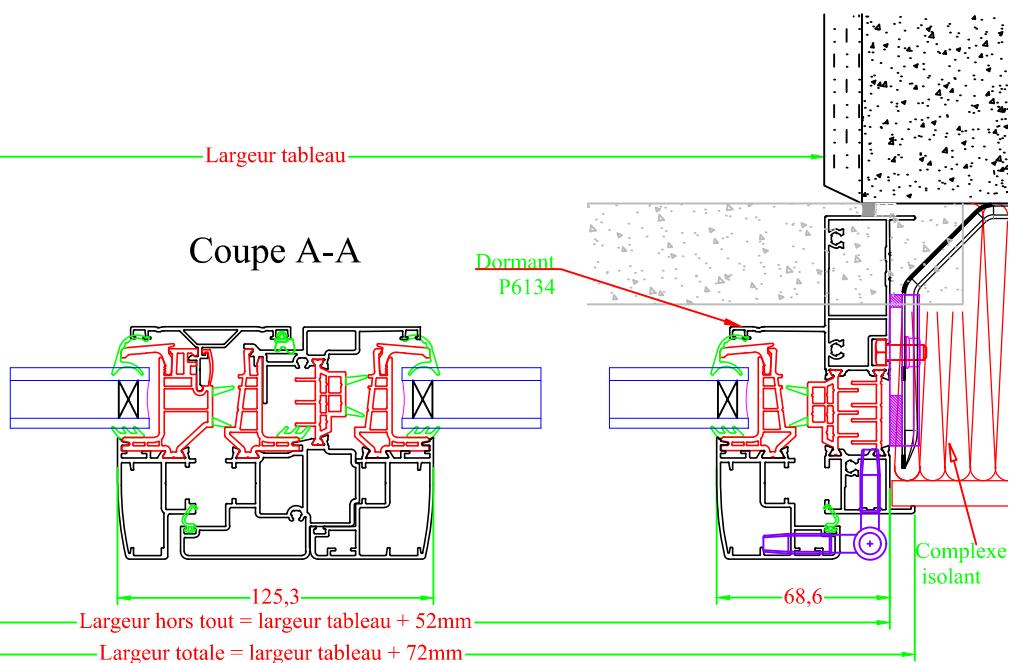
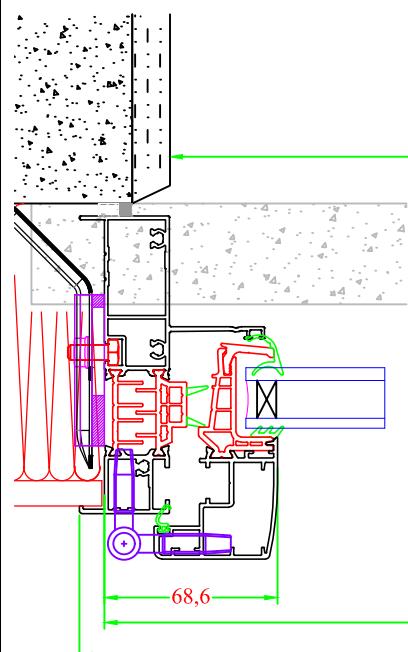
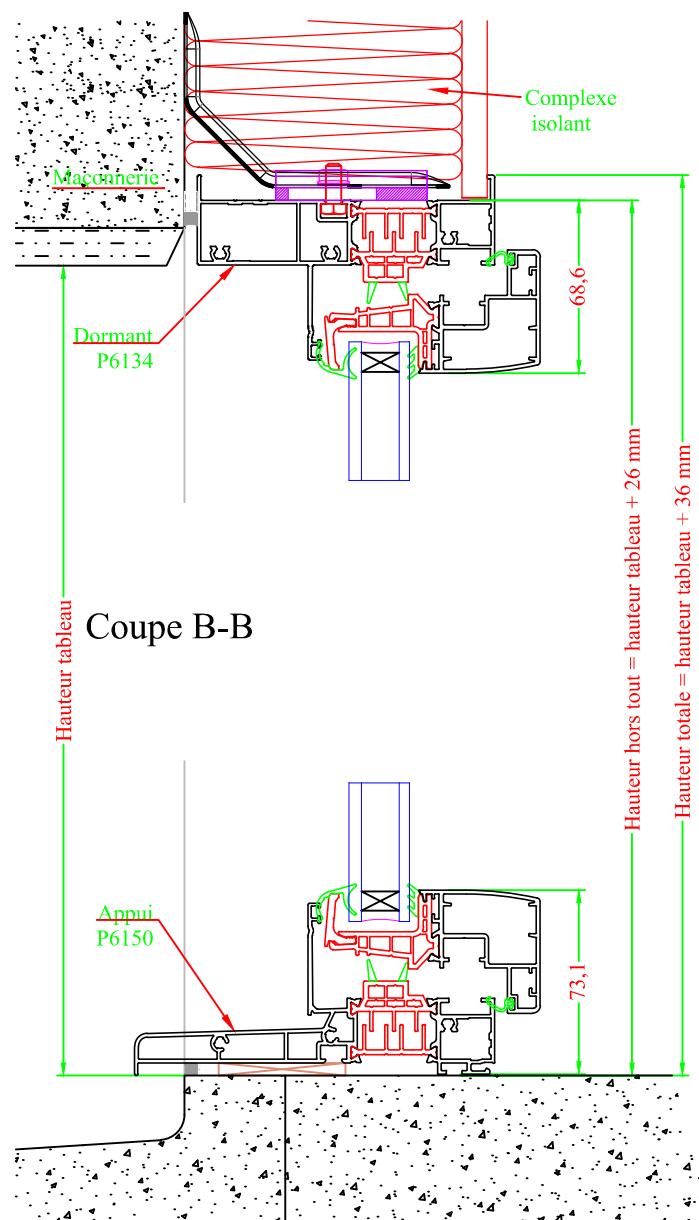
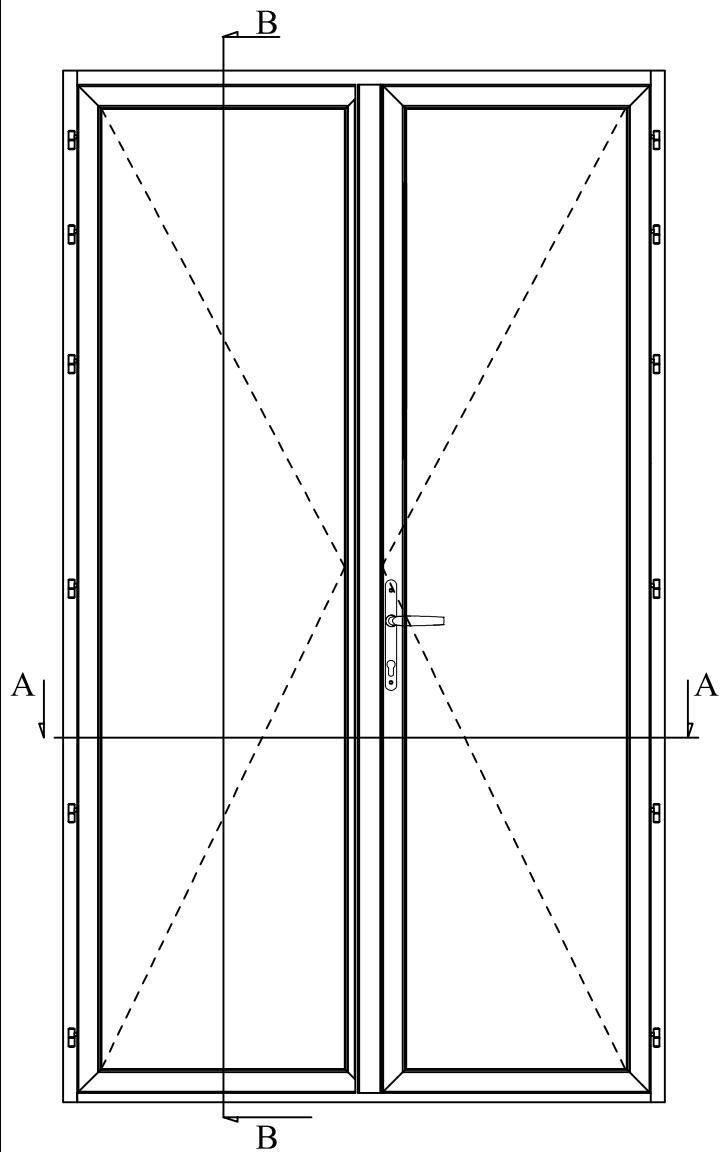
Coupe A-A



PLAN EN ELEVATION Menuiserie VISUAL

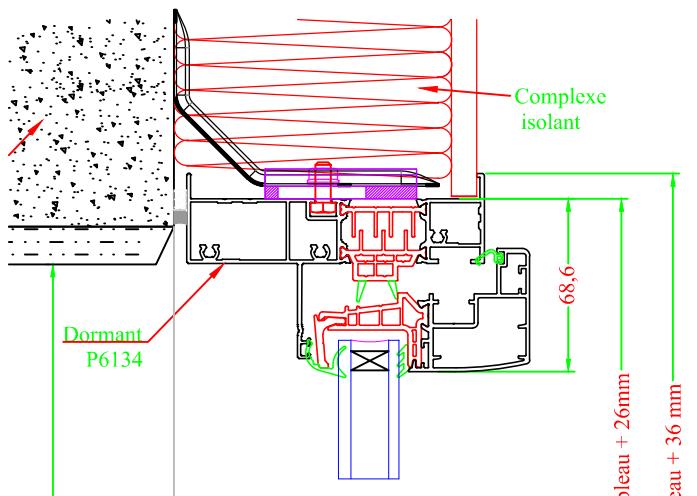
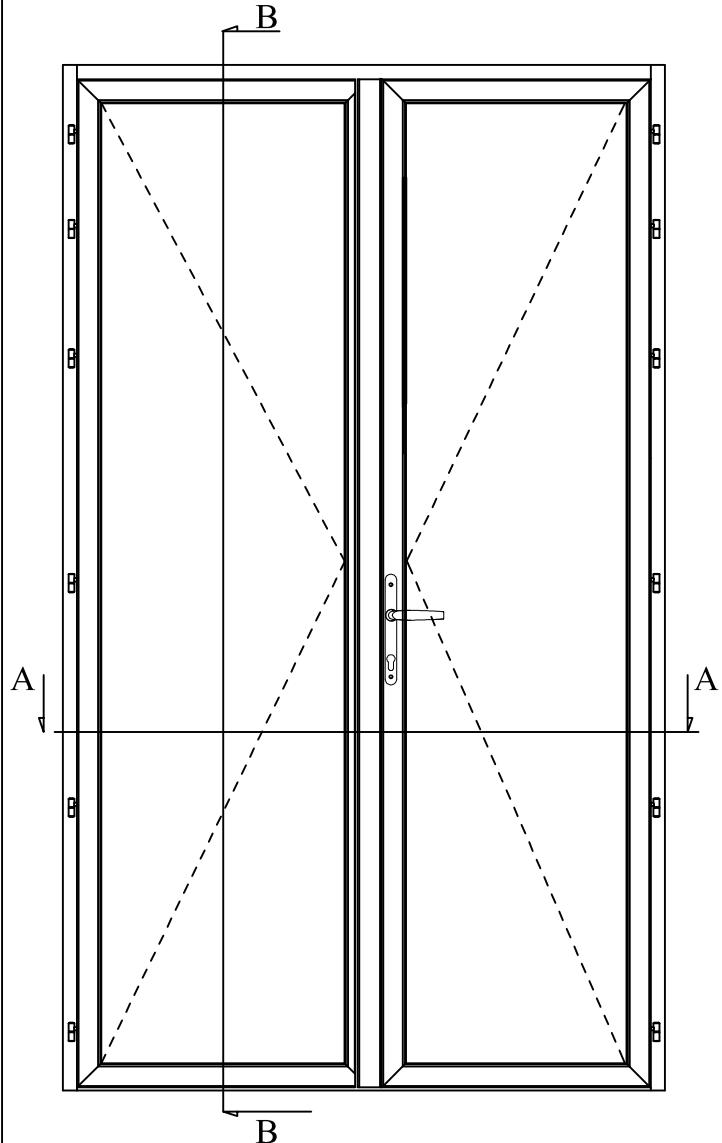
Porte balcon 2 vantaux dormant monobloc

(pose en applique avec isolation)

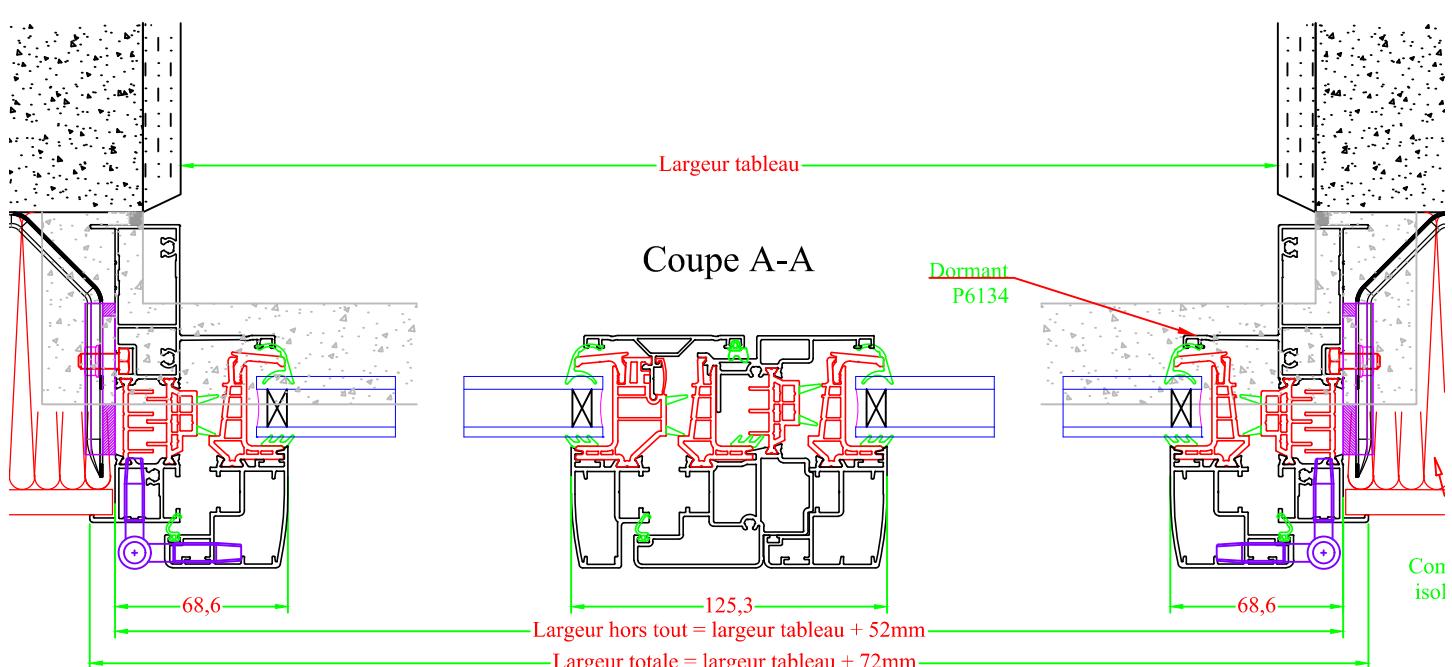
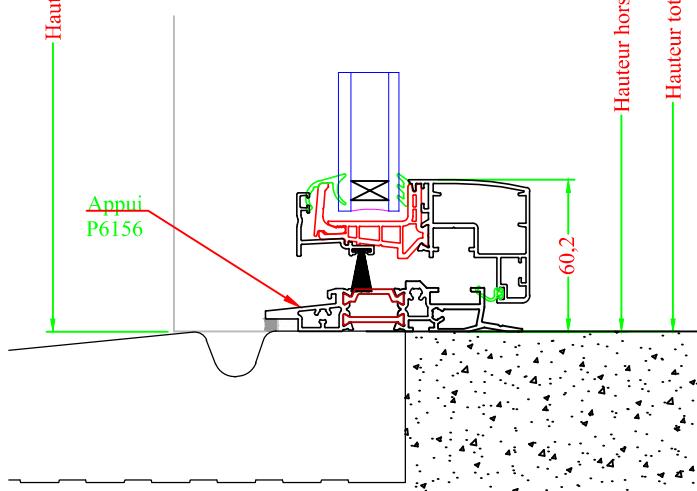


PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc et seuil PMR (pose en applique avec isolation)



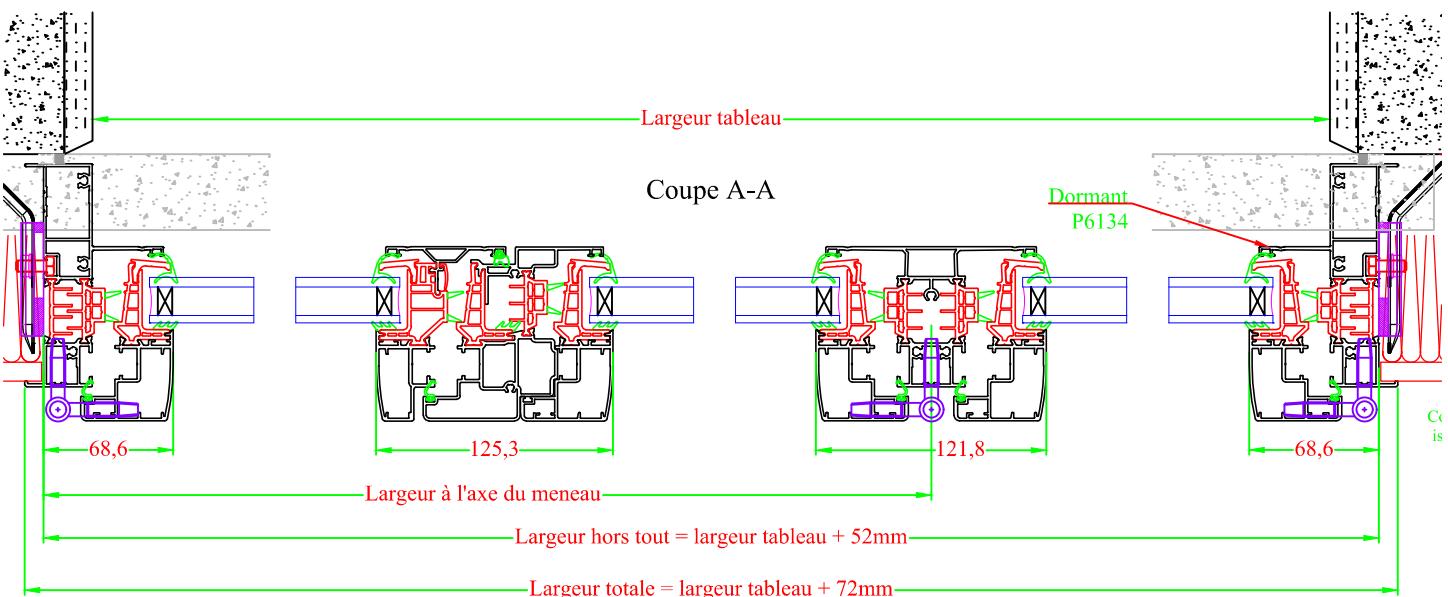
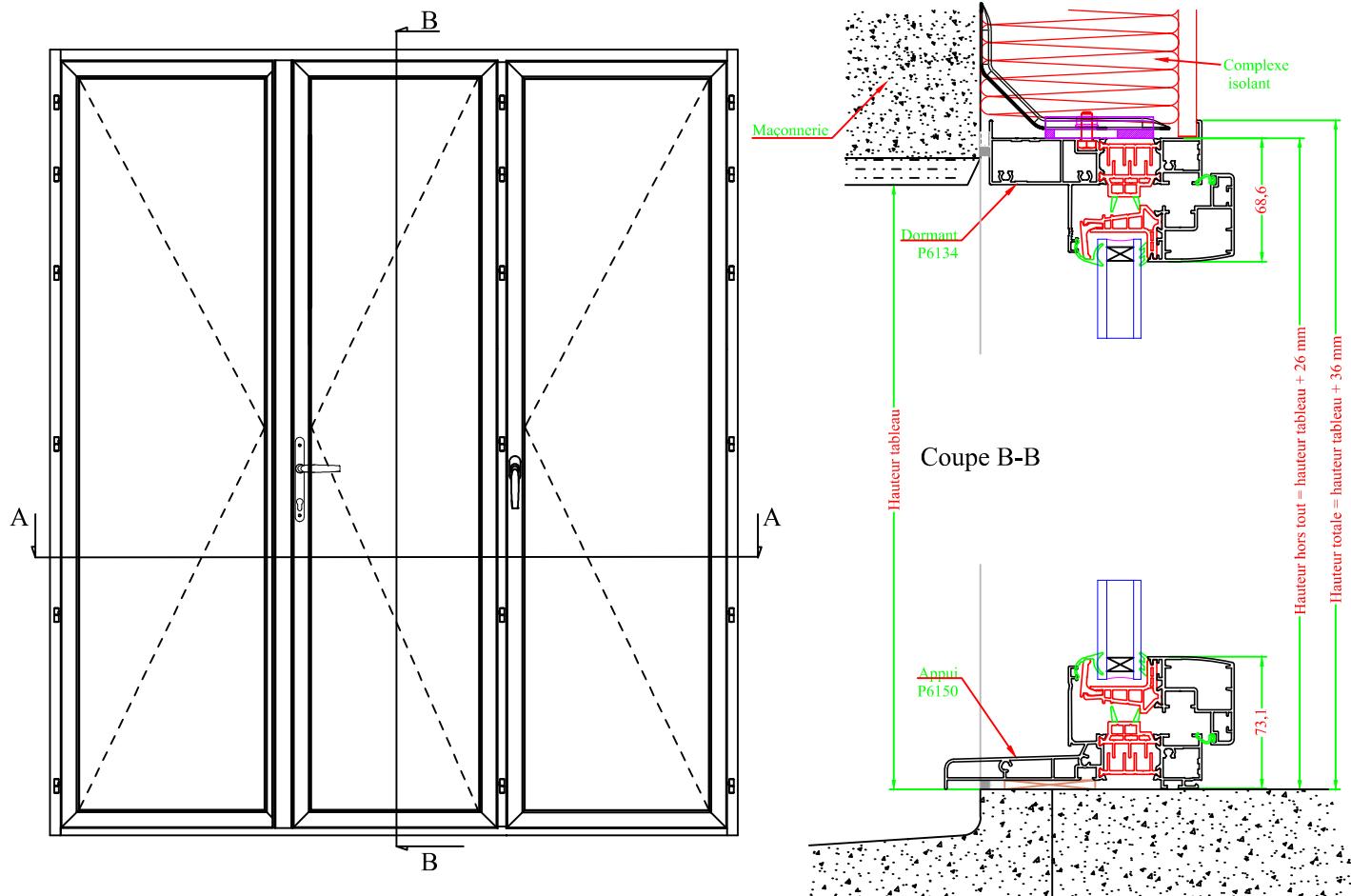
Coupe B-B



PLAN EN ELEVATION Menuiserie VISUAL

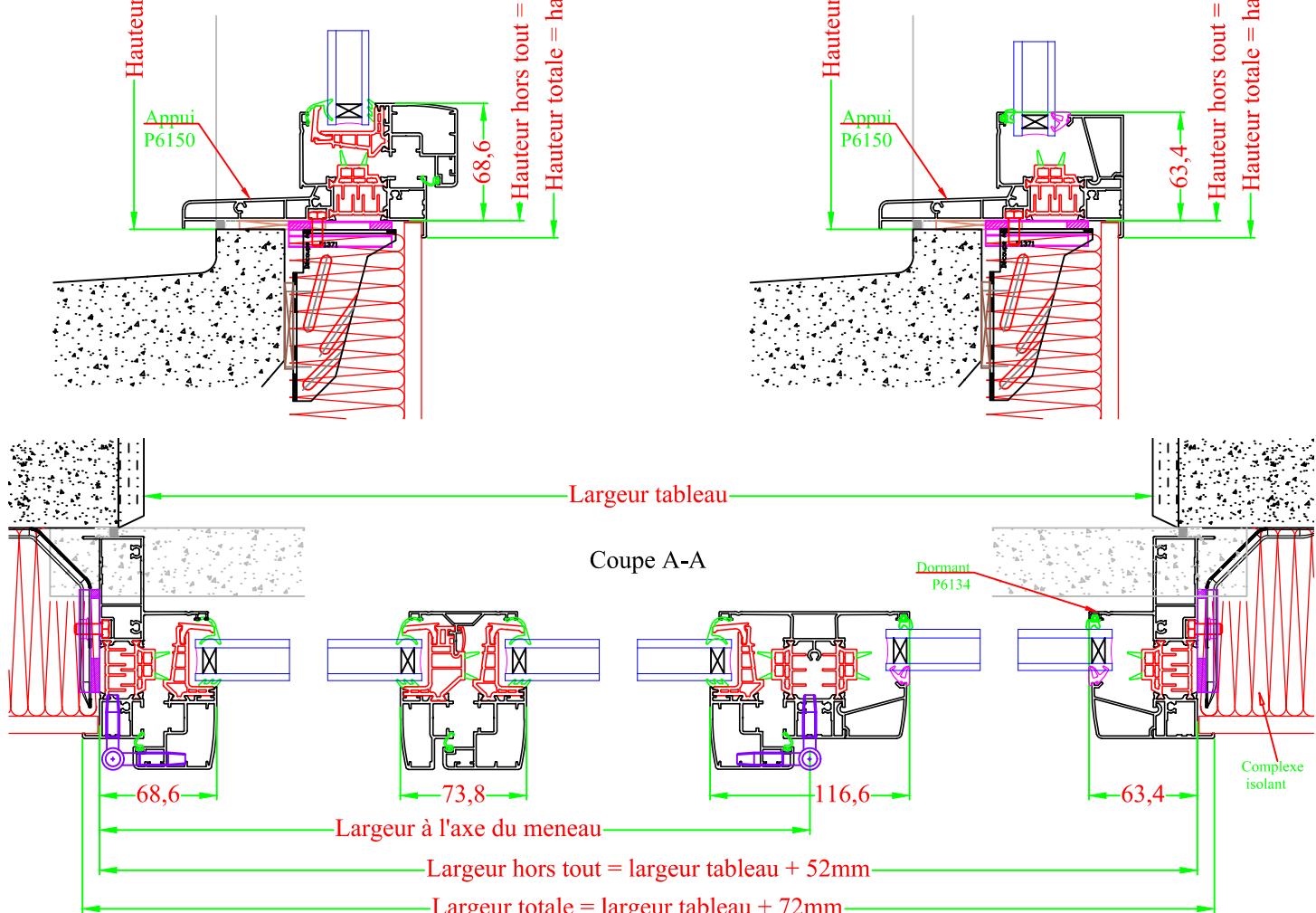
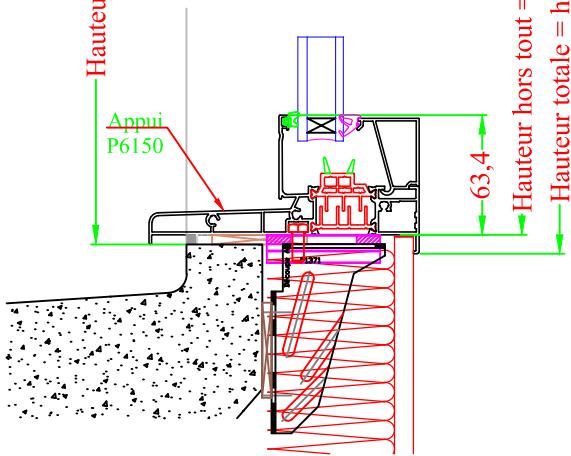
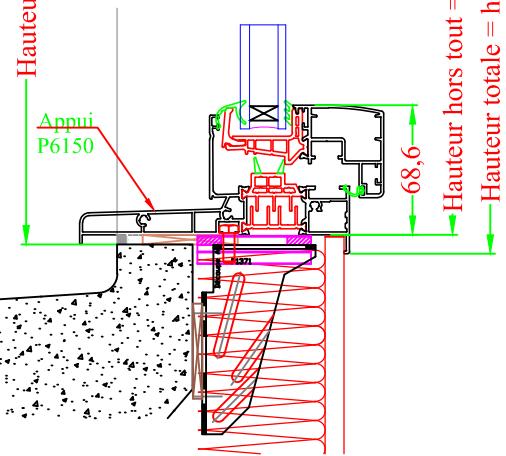
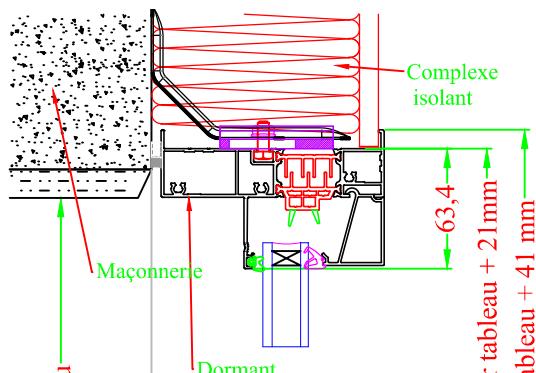
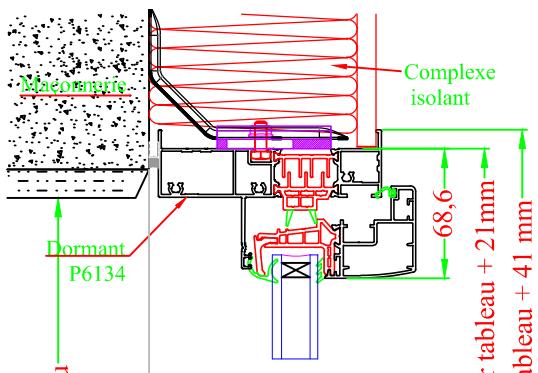
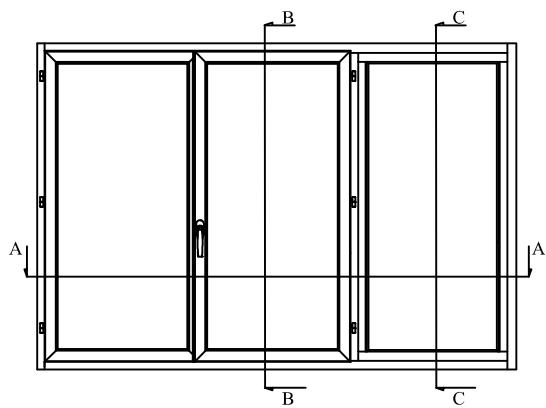
Porte balcon 3 vantaux dormant monobloc

(pose en applique avec isolation)



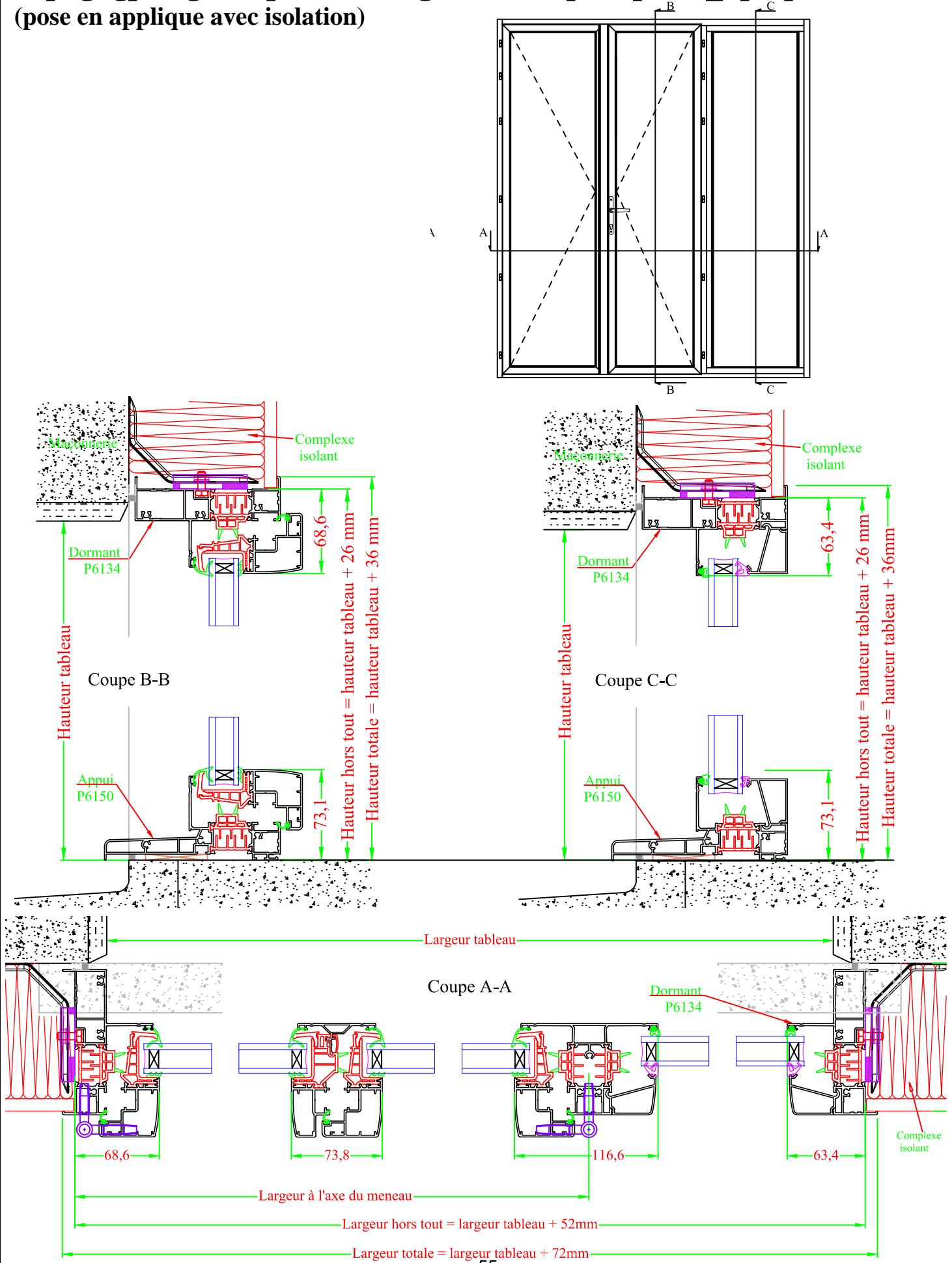
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vtg'4'xcpwcz '! 'hkzg'hcv'tcnf qto cpv'b qpqdmqe
 (pose en applique avec isolation)



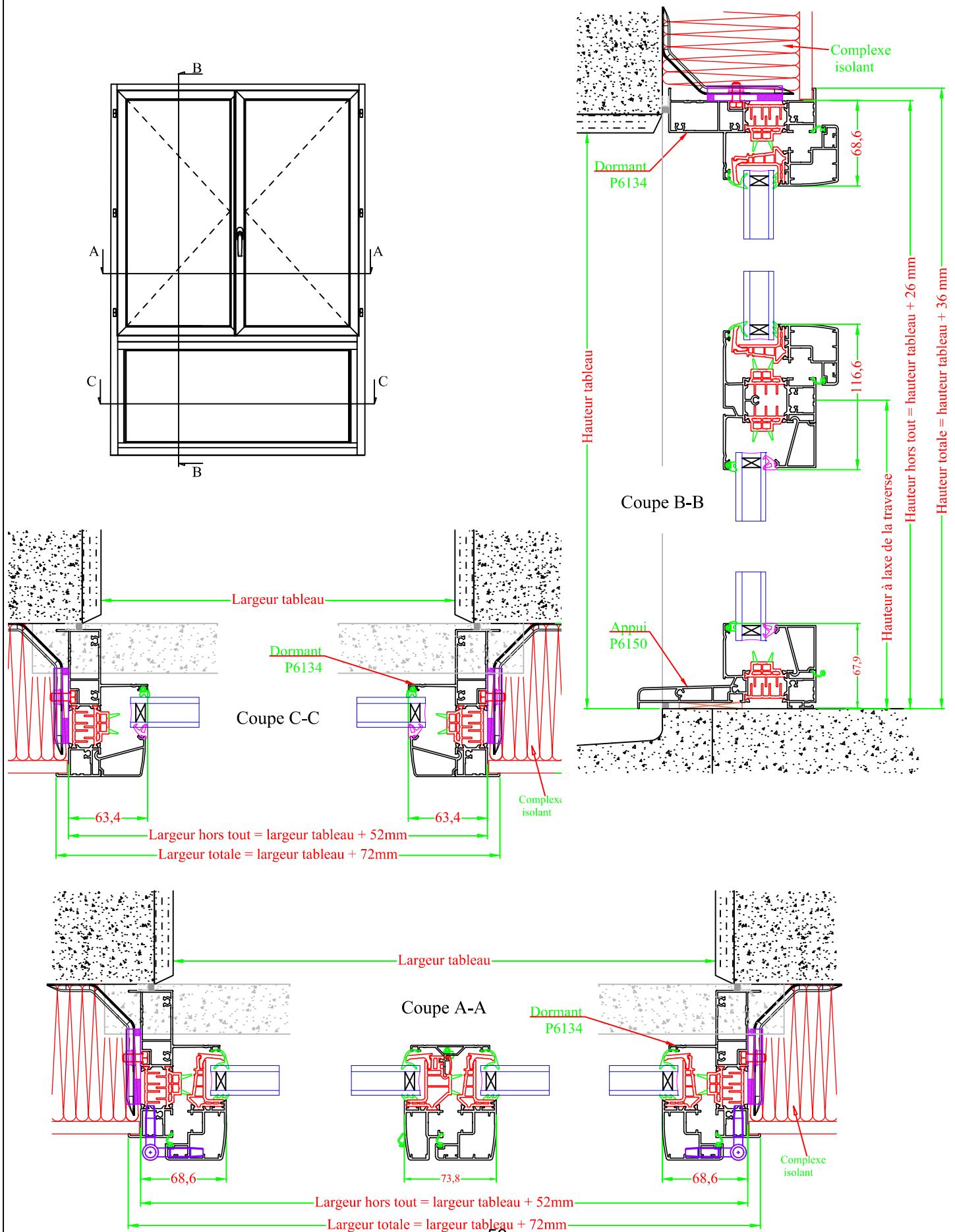
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'hgp' vt g'4'xcpwcz '! 'hkzg'hcv²tcnf qto cpv'o qpqdnqe
 (pose en applique avec isolation)



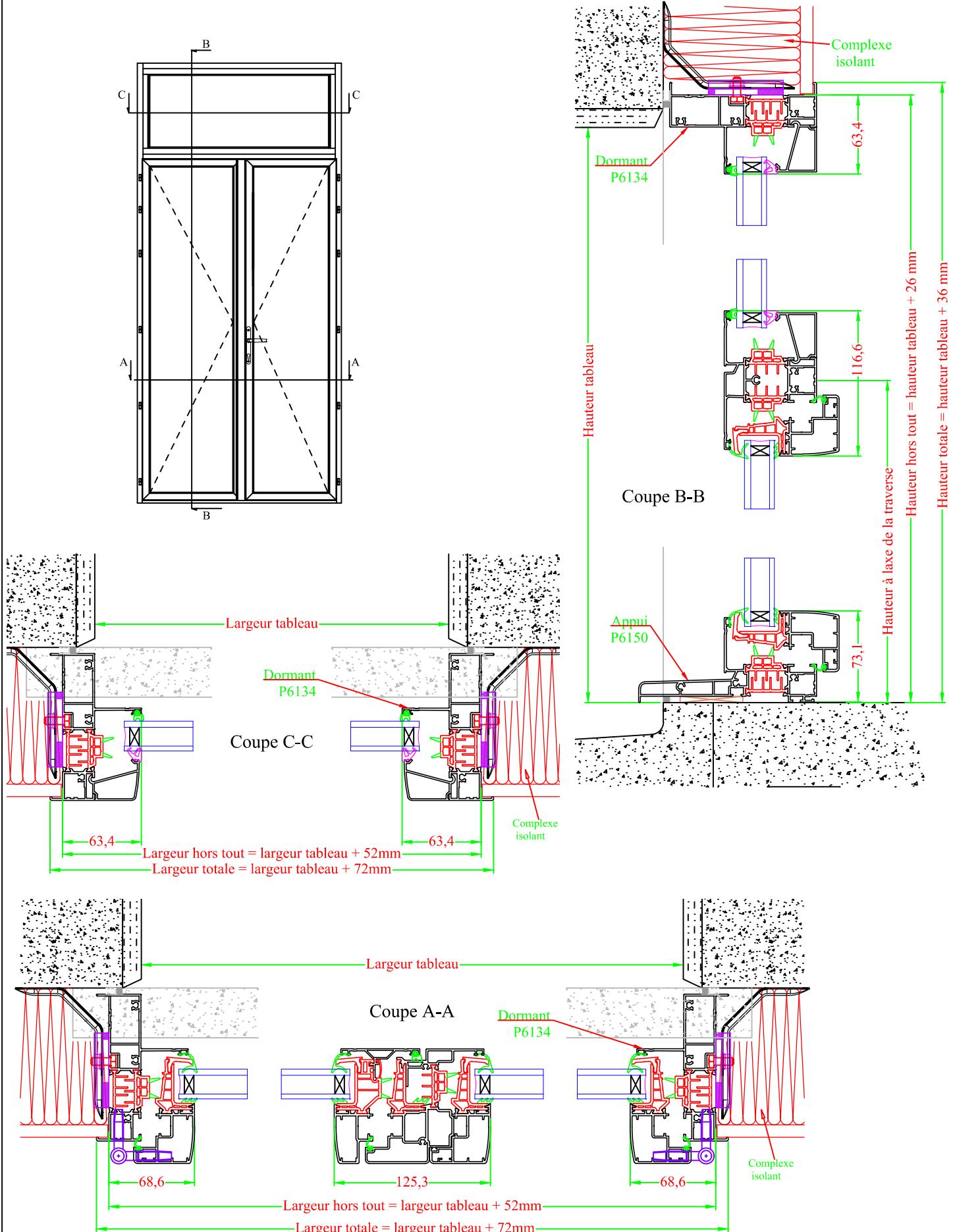
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vtg'4'xcpwcz '! 'cm'i g'hkg'f qto cpv'o qpqdmqe (pose en applique avec isolation)



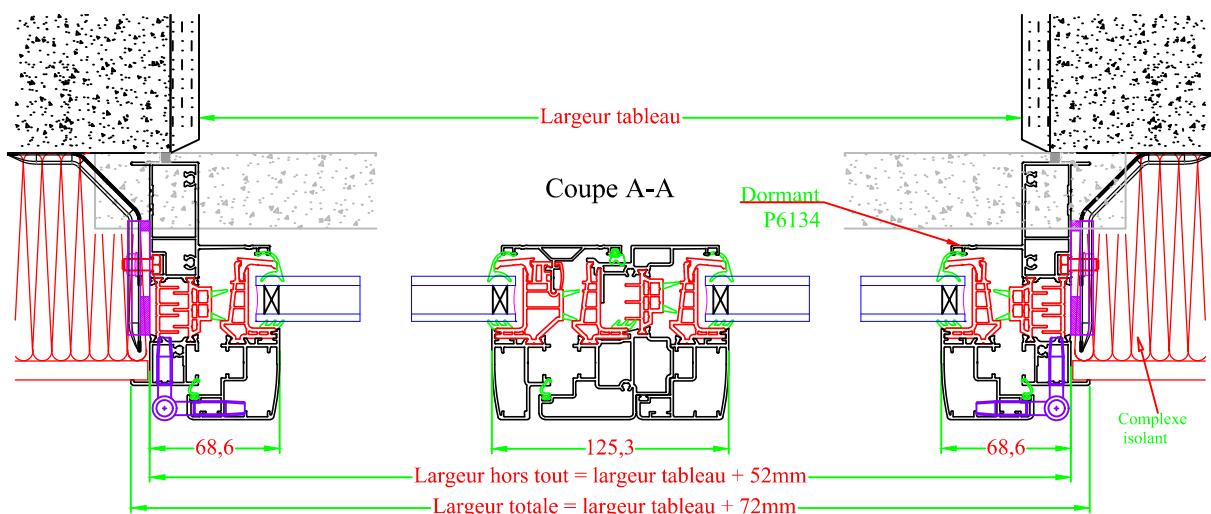
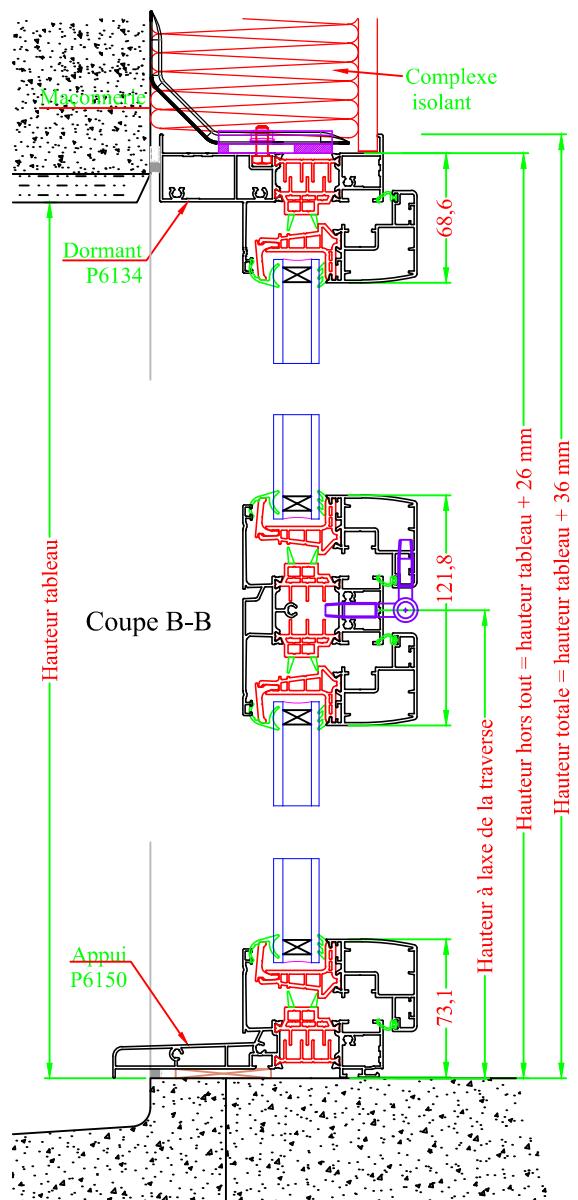
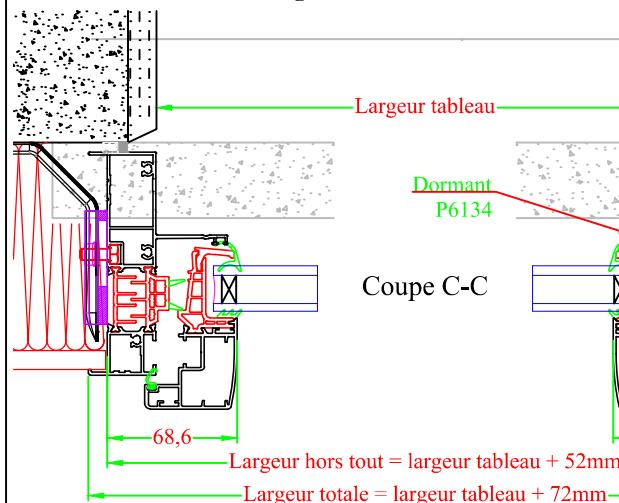
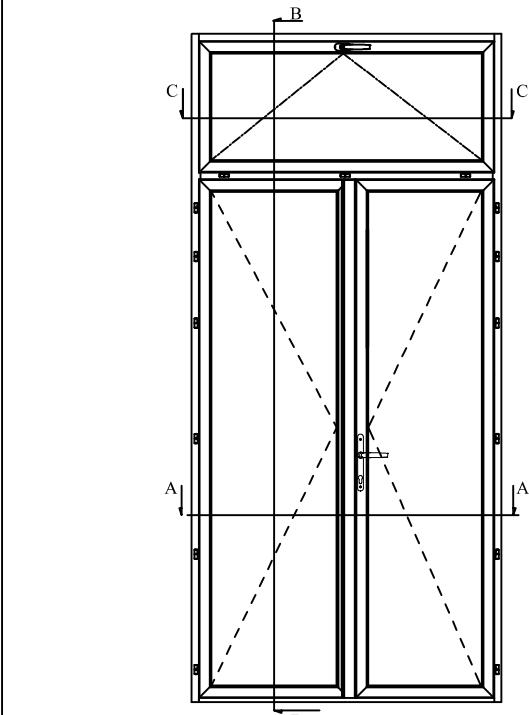
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon (serrure) 2 vantaux + imposte fixe dormant monobloc (pose en applique avec isolation)



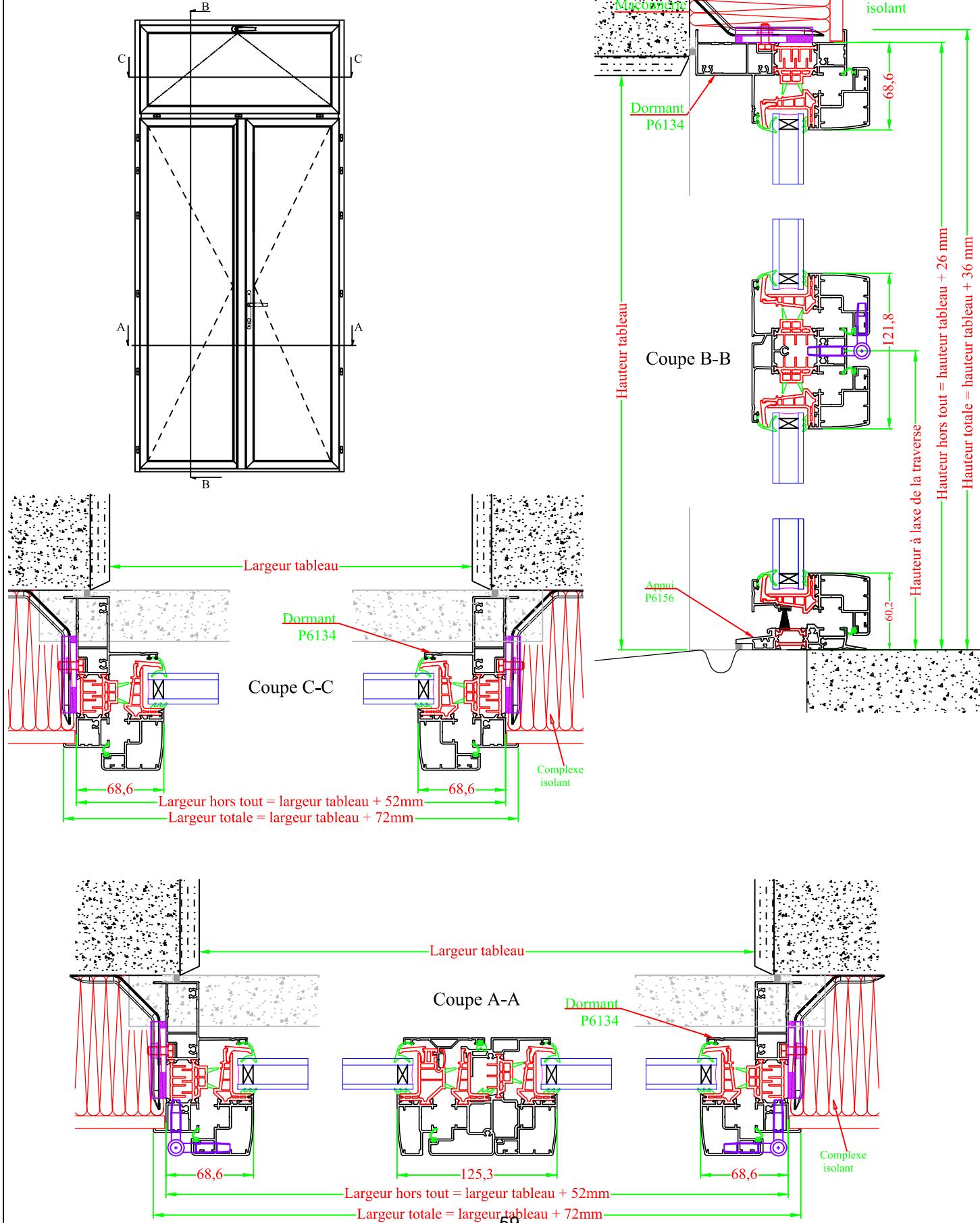
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'4'xcpvcwz'! 'lo r quvg'ej -uku'cdcwcpvf qto cpv'b qpqdmqe
(pose en applique avec isolation)



PLAN EN ELEVATION Menuiserie VISUAL

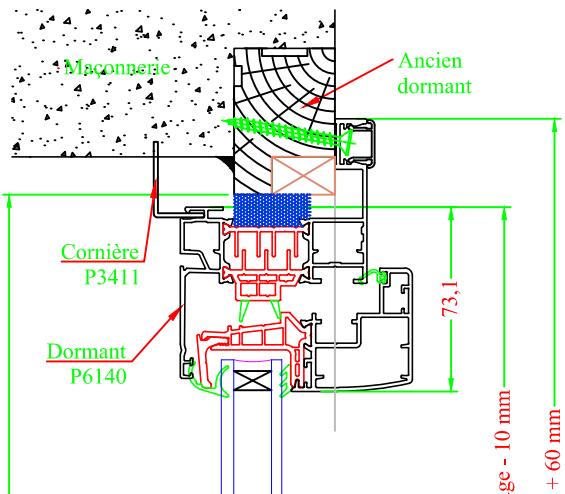
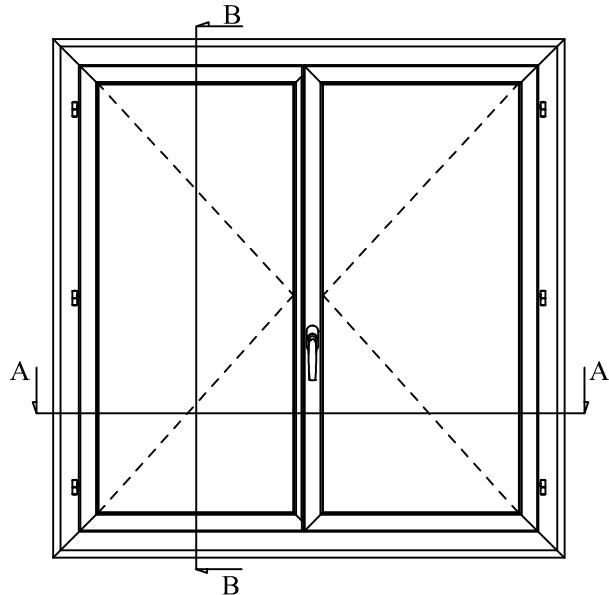
Rqt vg'dcneqp'4'xcpwcz'- 'lo r qng'ej -uku'cdcwpv'f qto cpv monobloc et seuil PMR (pose en applique avec isolation)



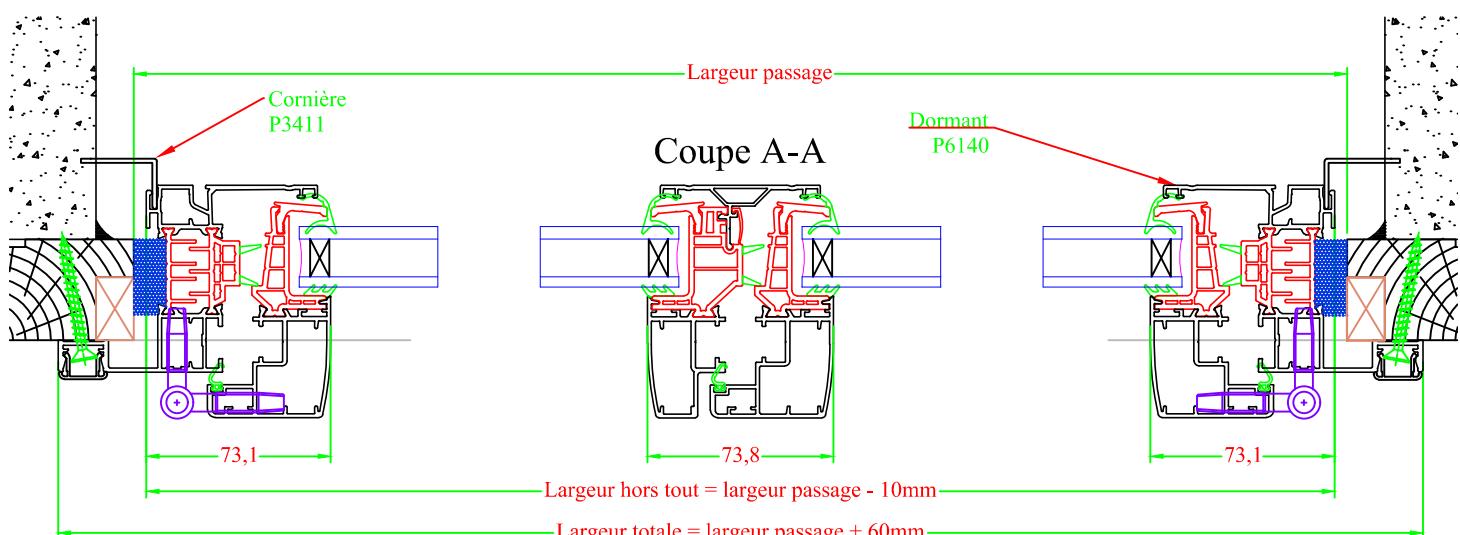
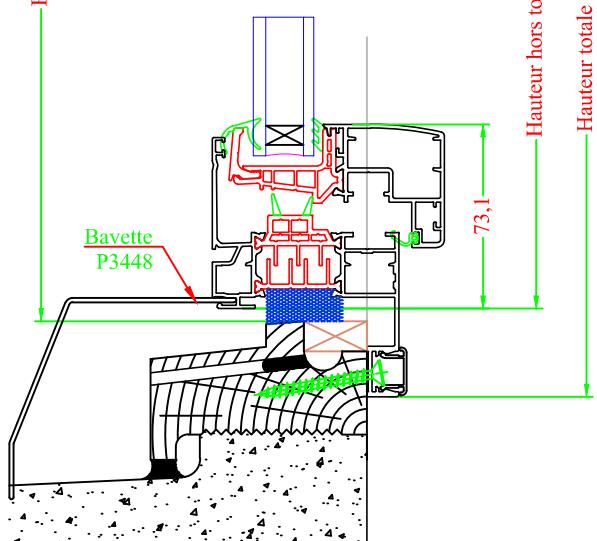
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz'f qt o cpv't² pqxcv kqp'ckg'f g'57'b o

*r qug'gp't² pqxcv kqp'twt 'd-vkgz kwcpv+



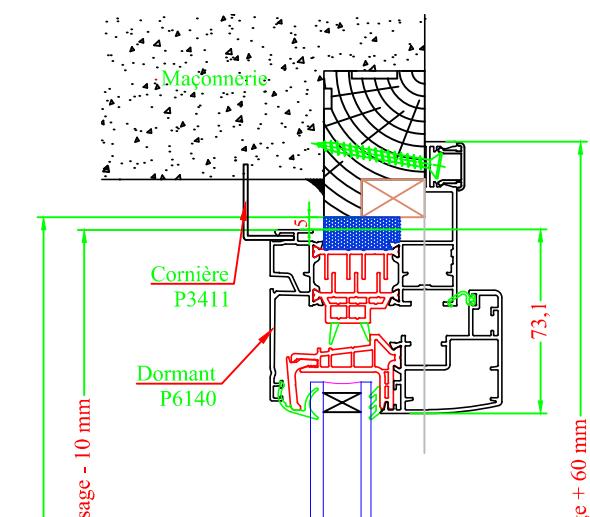
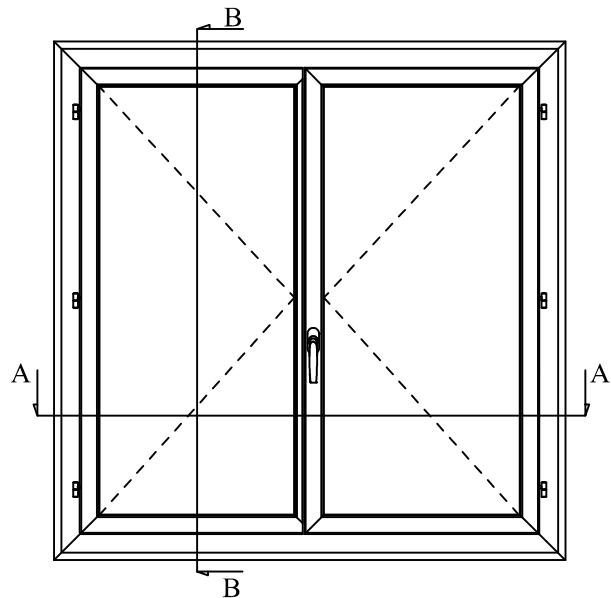
Coupe B-B



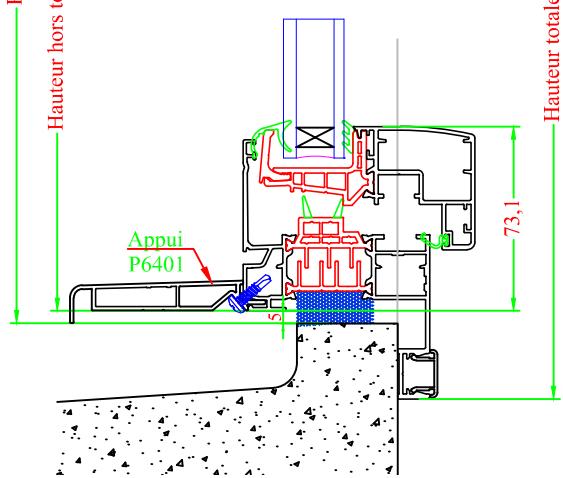
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vtg'4'xcpwcz 'f qto cpvt²pqxcwqp'ckg'f g'57'b o
('crrwk²nti k

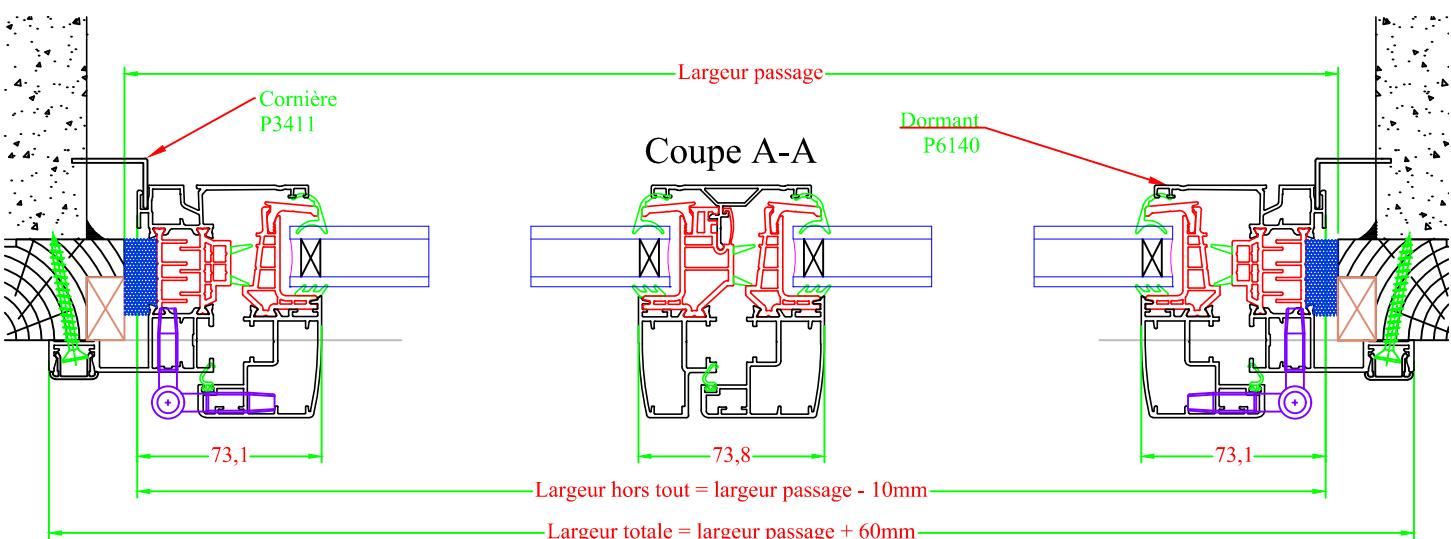
*r qug'gp't²pqxcwqp'ut 'd-wkgzkwcpv+



Coupe B-B



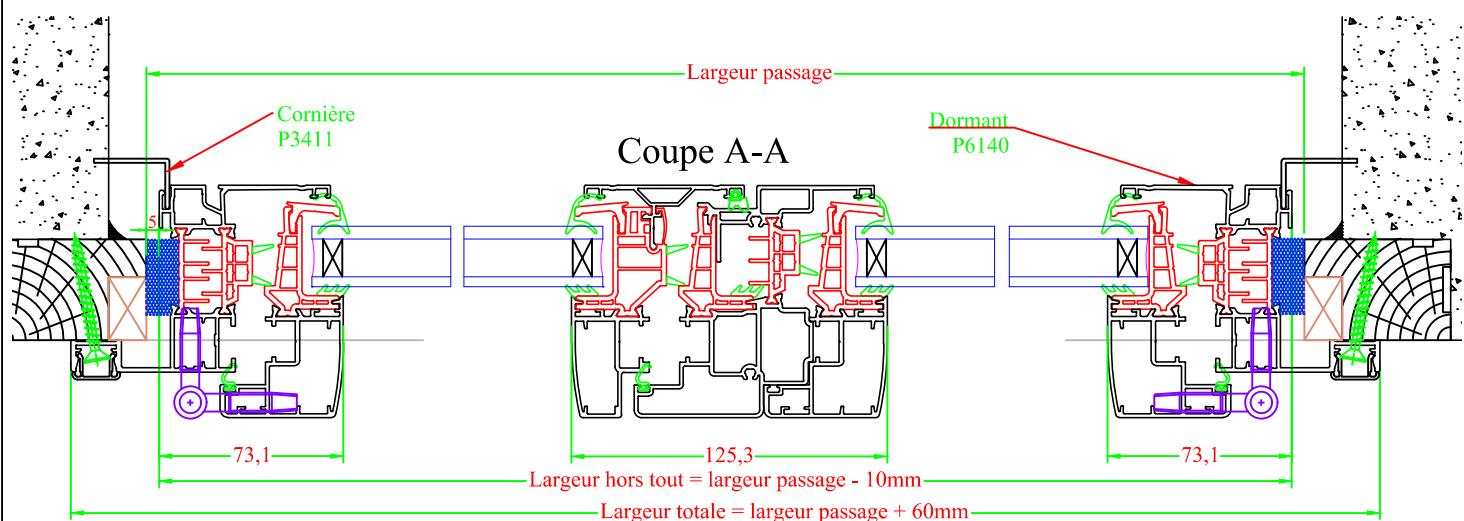
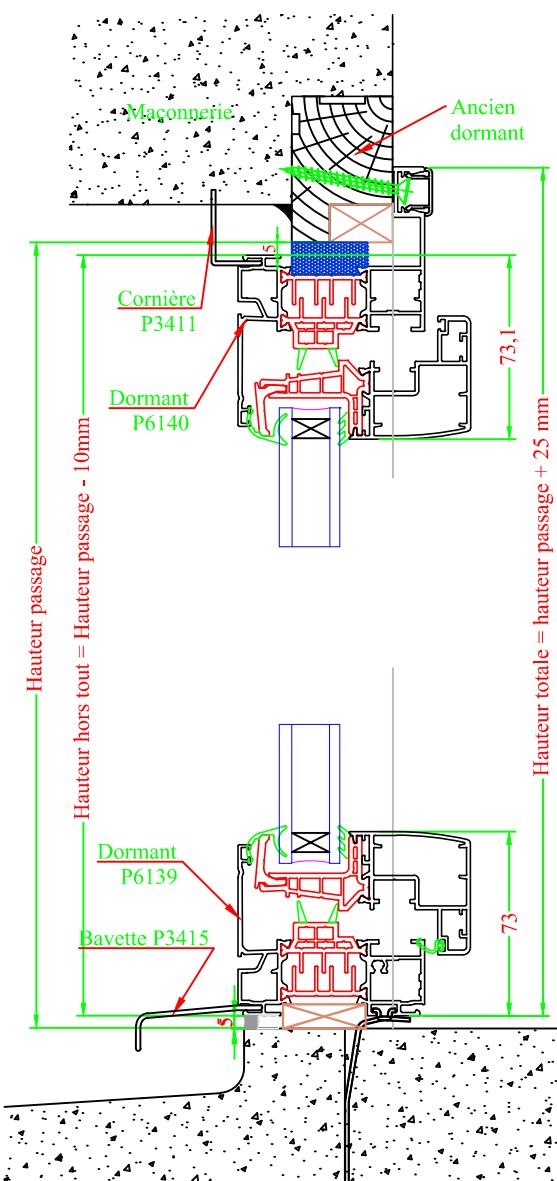
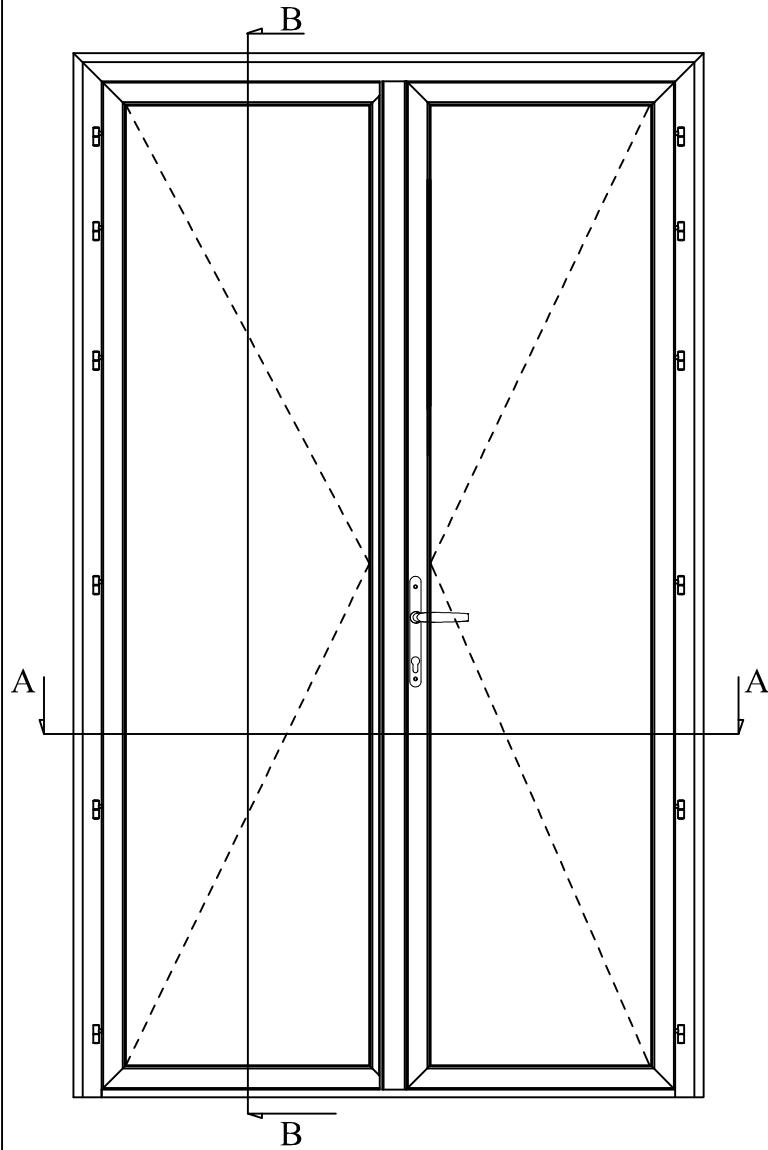
Coupe A-A



PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'4'xcpwcz'f qto cpvt² pq'ckg'f g'57'b o

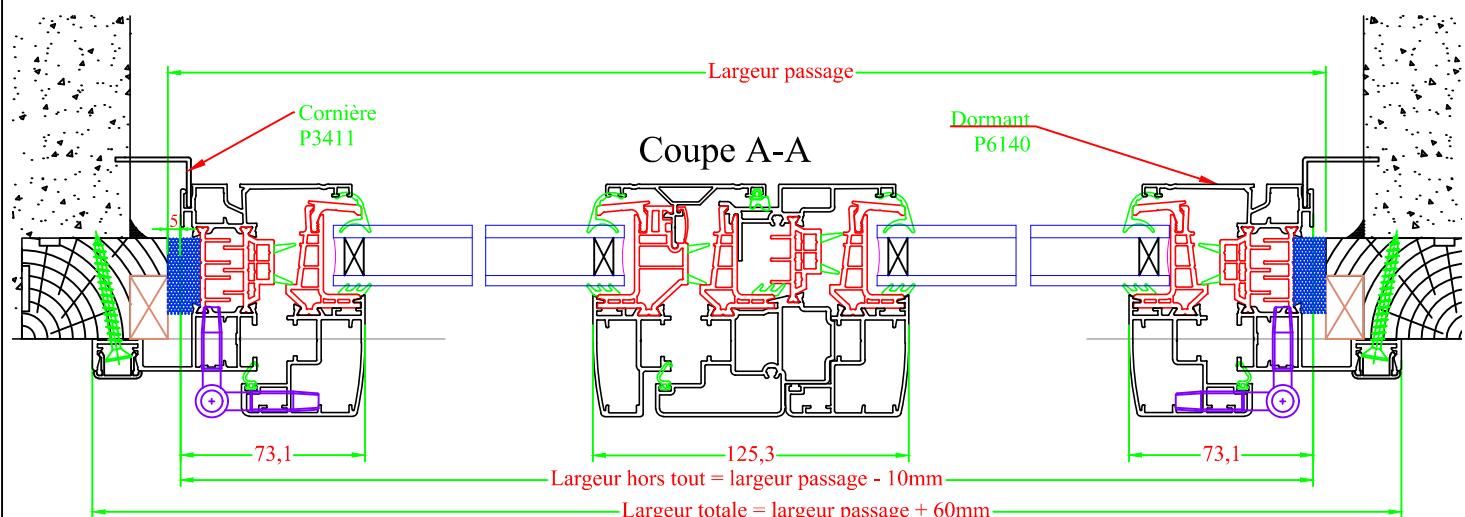
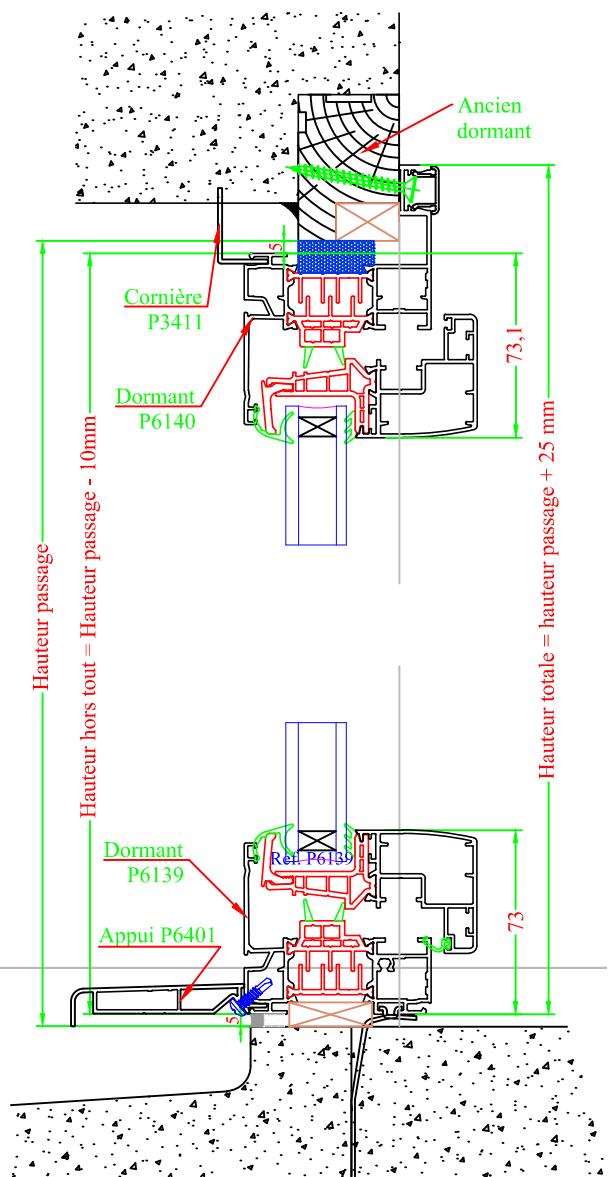
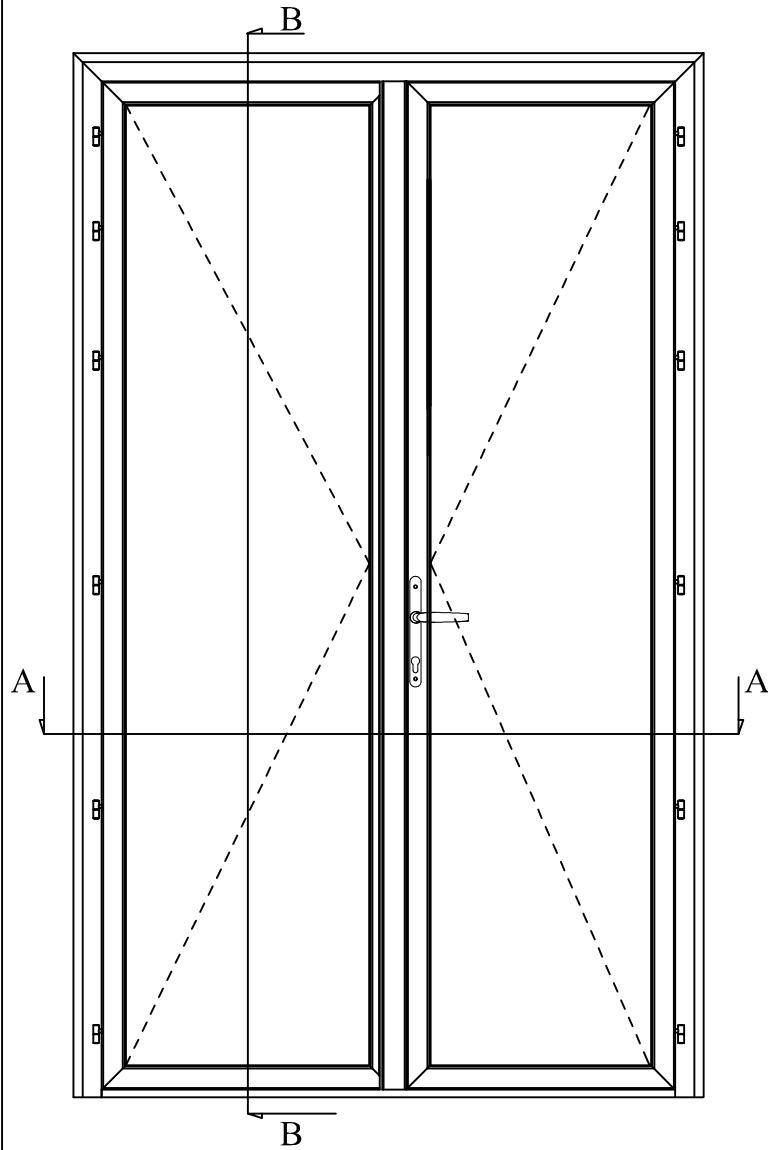
*r qug'gp't² pqxcvkqp'twt 'd-vkgzkwcpv+



PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'4'xcpwz 'f qto cpvt² pq'clk'f g'57'b o

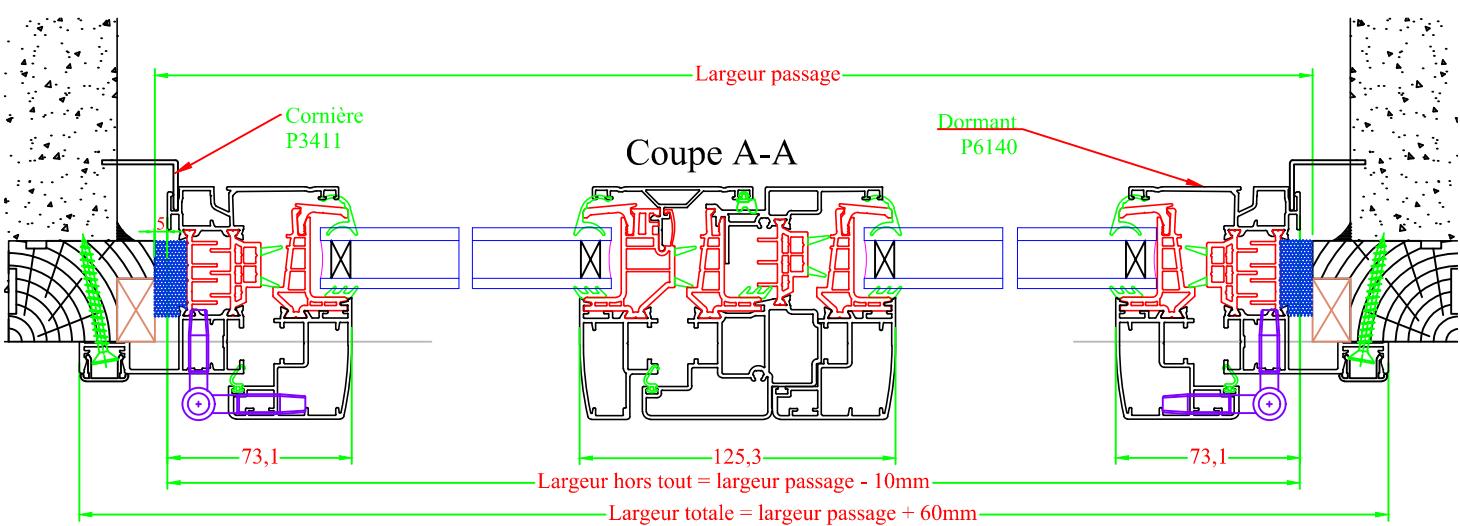
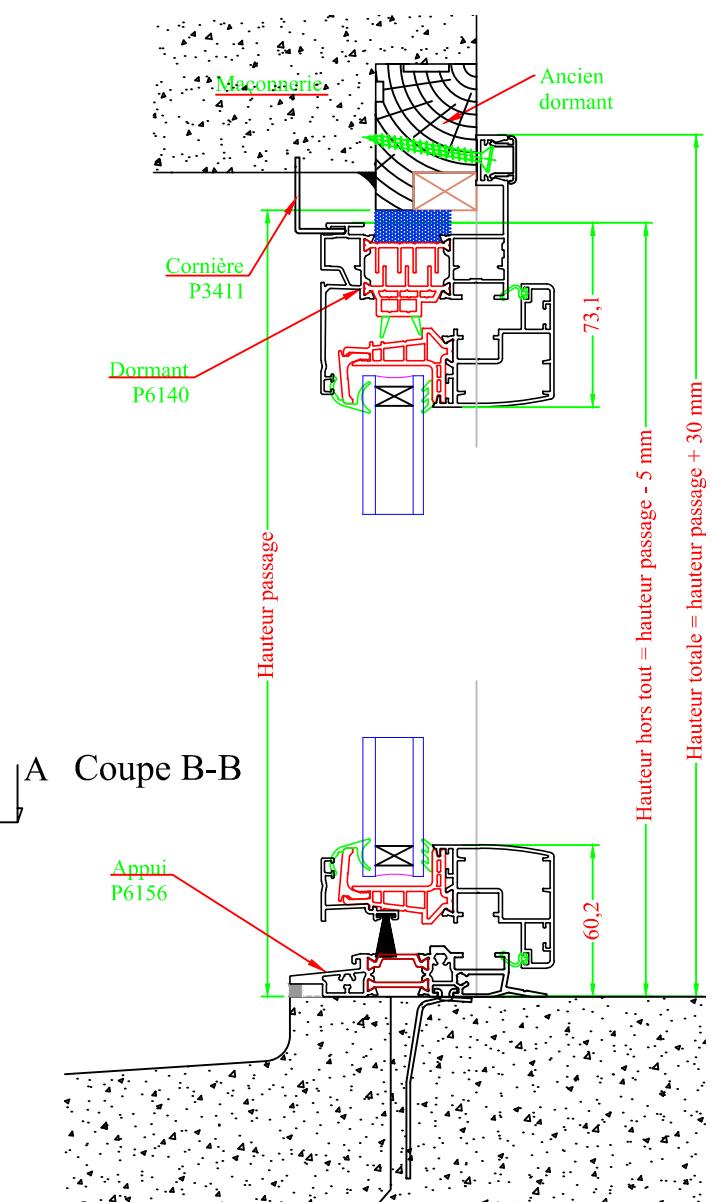
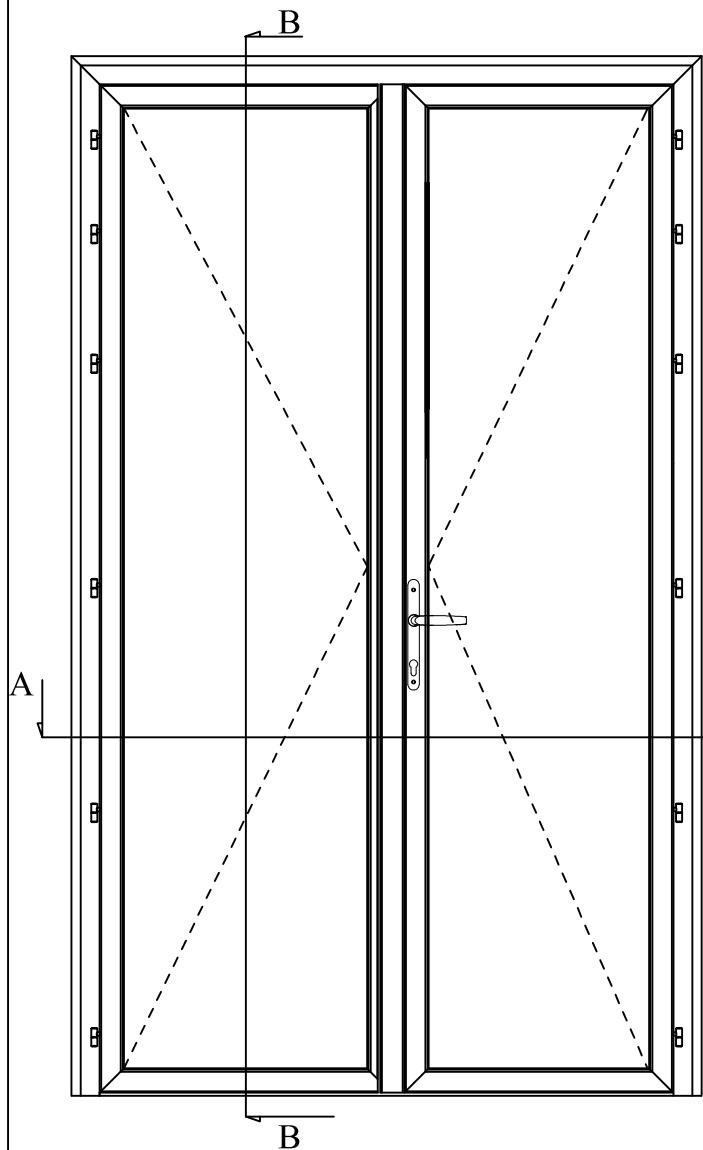
*r qug'gp't² pqxcvq'bt 'd-vkgzkwcpv+



PLAN EN ELEVATION Menuiserie VISUAL

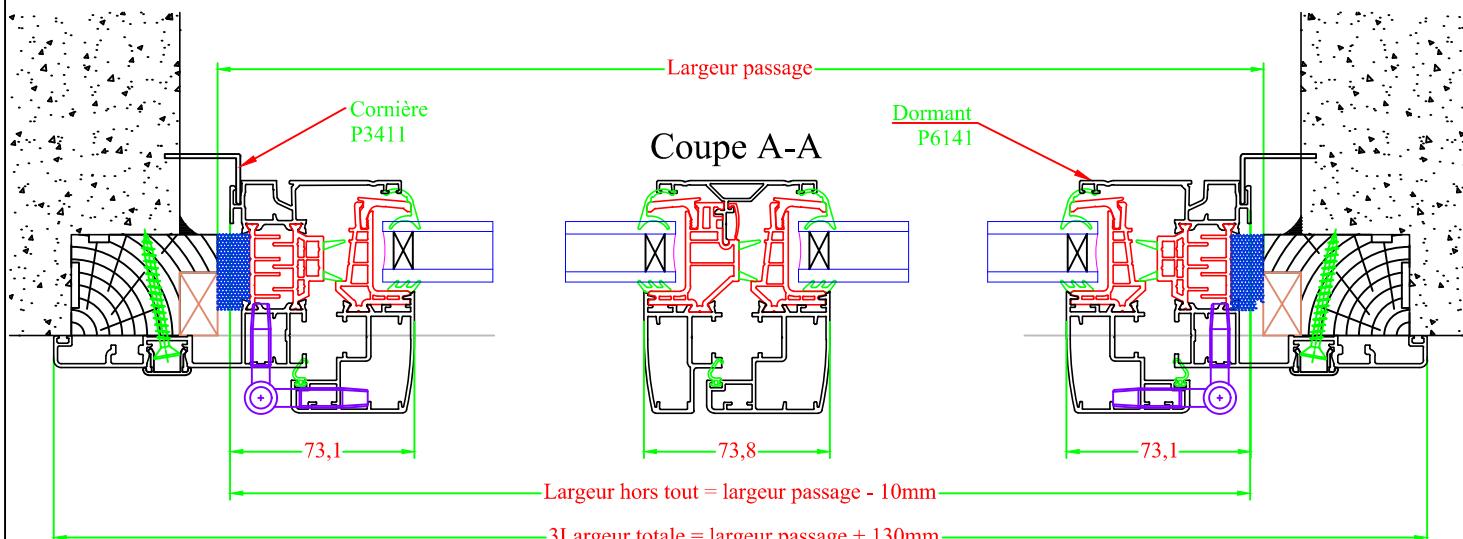
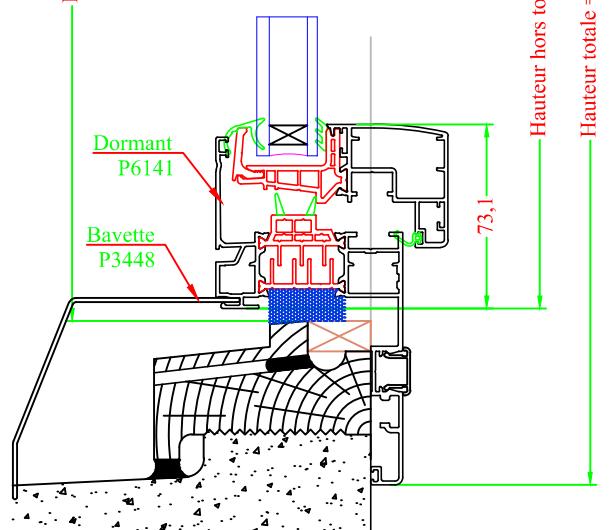
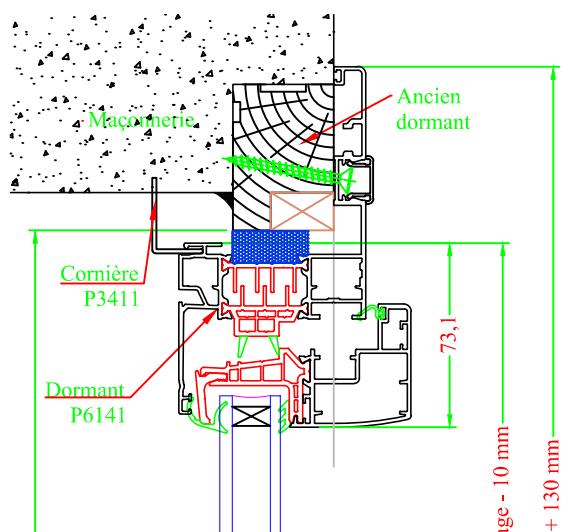
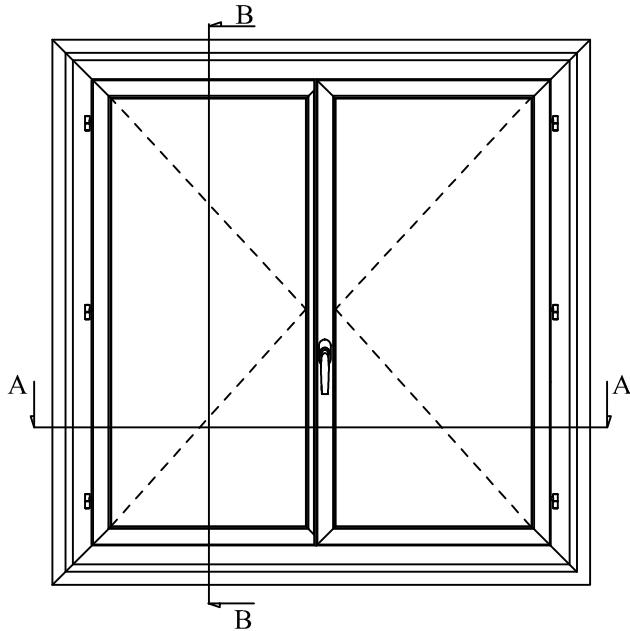
Rqt vg'dcneqp'4'xcpvcwz 'f qto cpvt² pq'ckg'f g'57'o o 'tgwknRO T

*r qug'gp't² pqxcvkqp'twt 'd-vkbgzkwcpv+



PLAN EN ELEVATION Menuiserie VISUAL

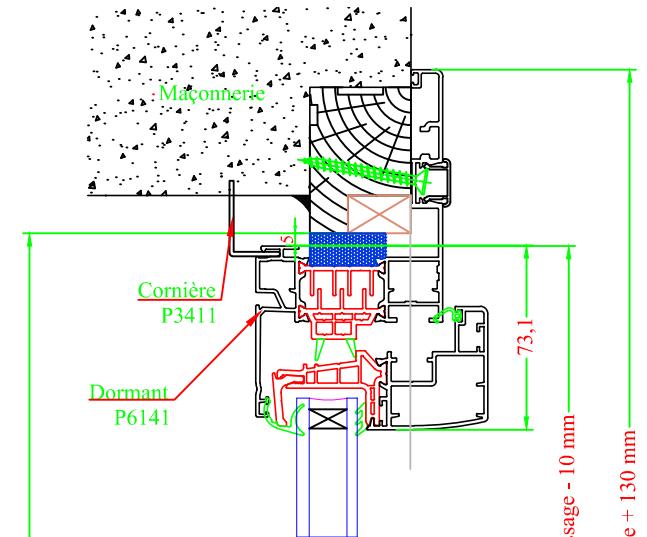
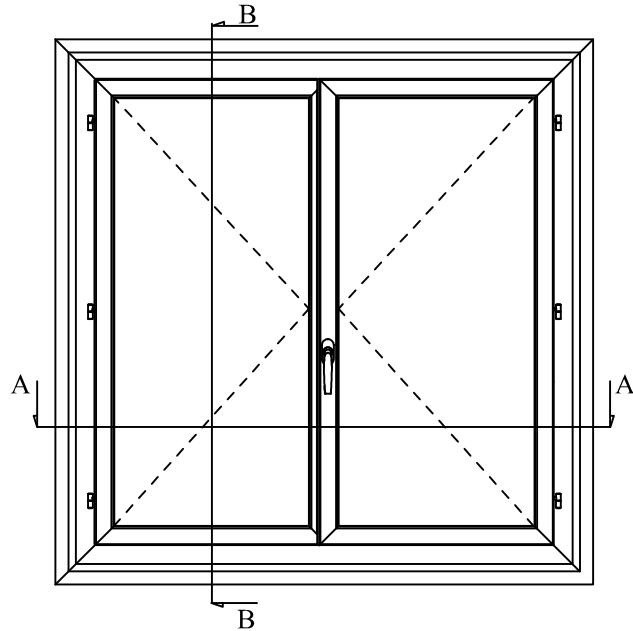
Hgp' vt g'4'xcpw wz'f qt o cpv't² pqxcv kqp'ckg'f g'92'b o
*r quq'gp't² pqxcv kqp'twt 'd-vk'gzkwcpv+



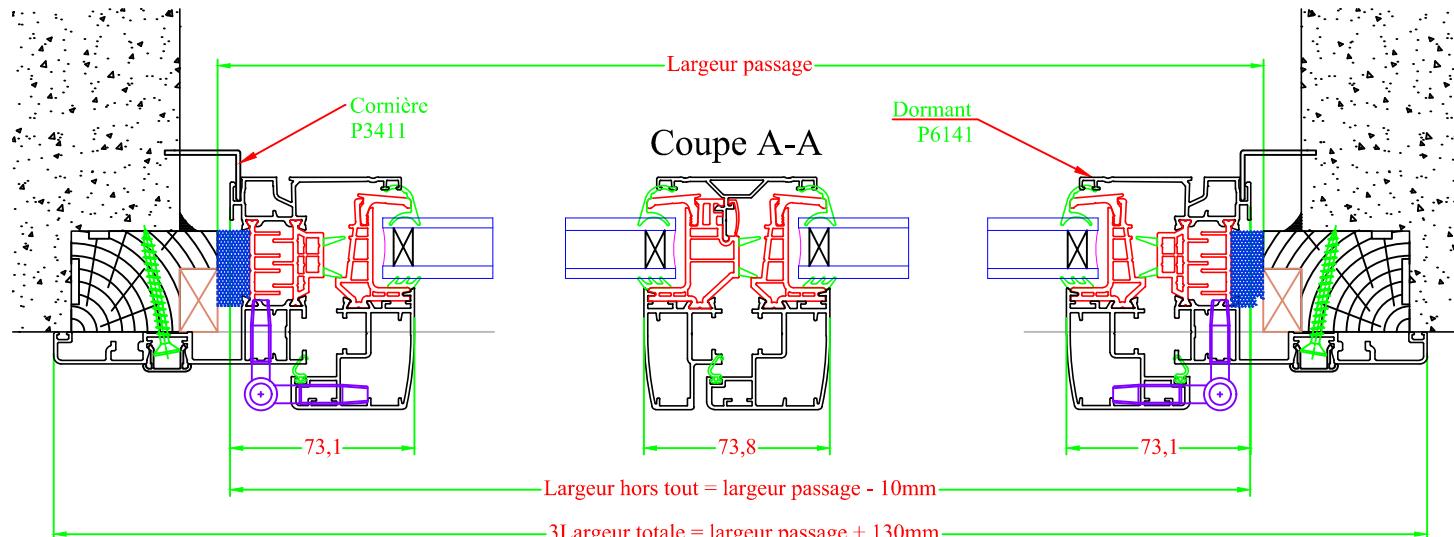
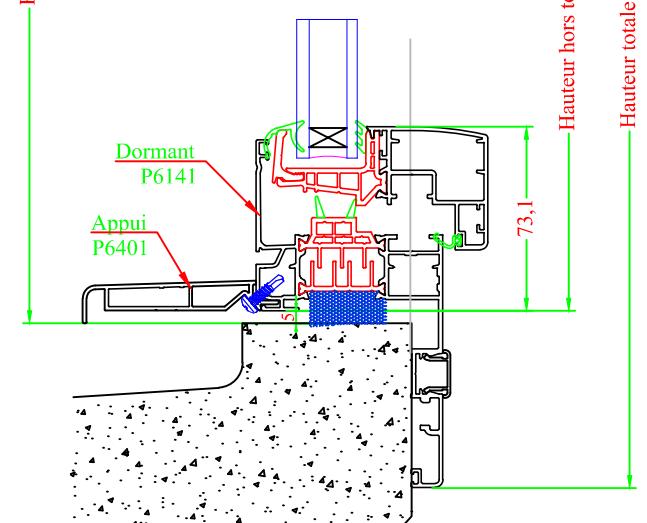
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz'f qt o cpv't² pqxcvkqp'ckg'f g'92'b o
 & appui large

*r qug'gp't² pqxcvkqp'twt 'd-wk'gzkwcpv+



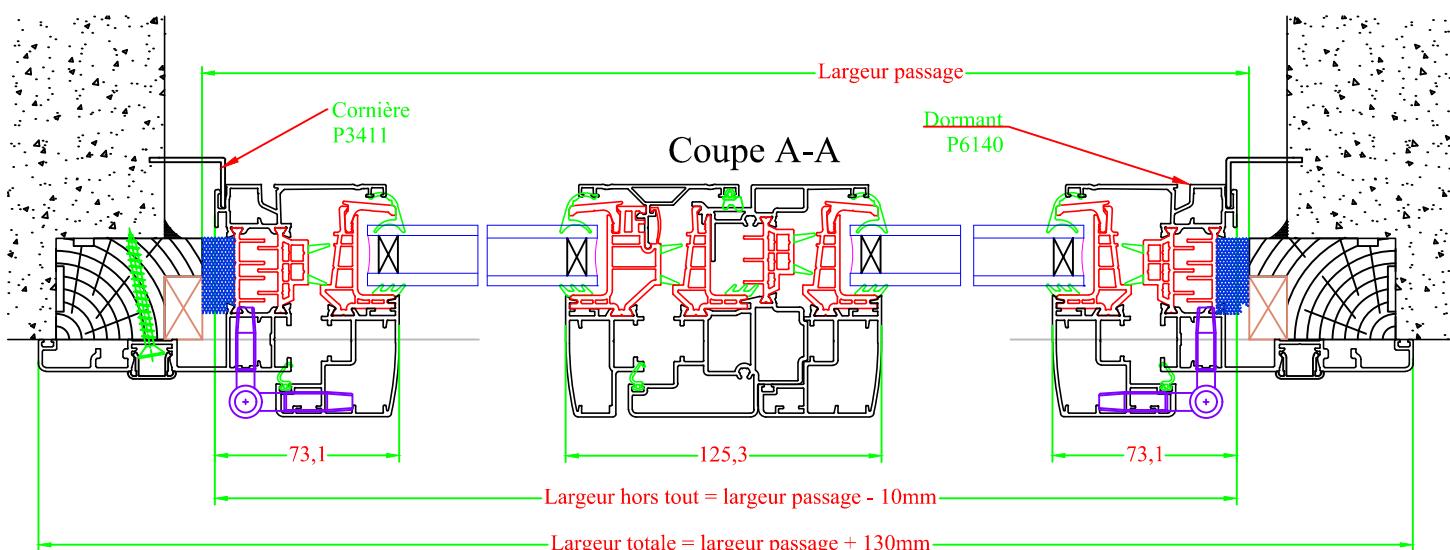
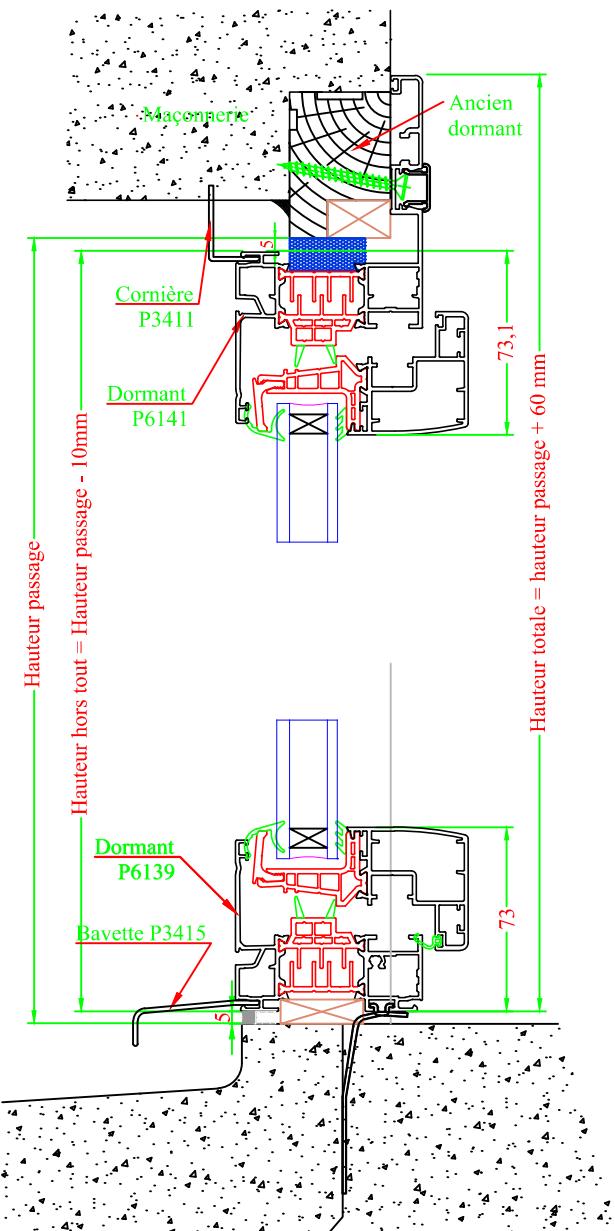
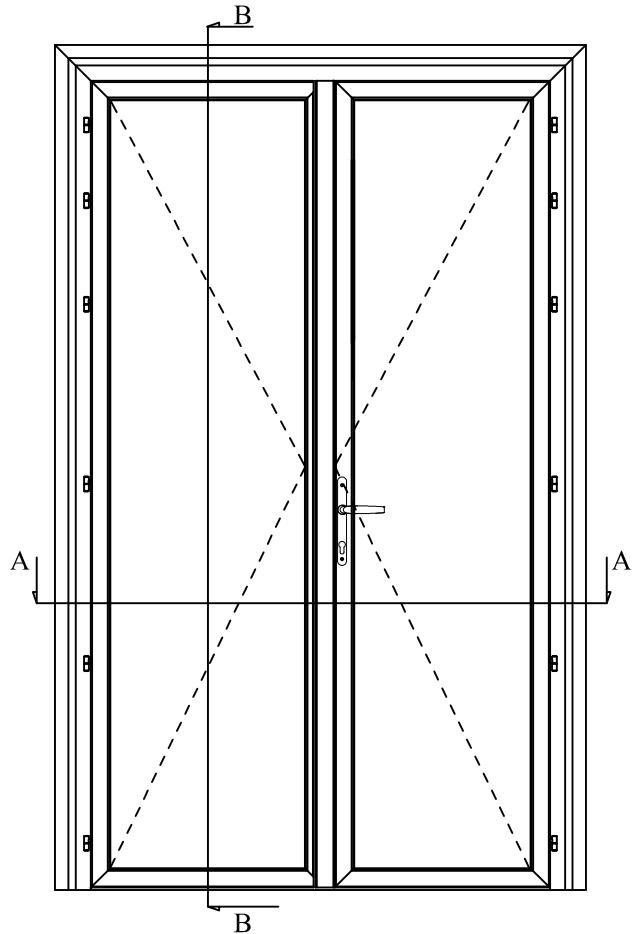
Coupe B-B



PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'4'xcpvcwz'f qto cpv't²pqxcvkqp'clk'f g'92'b o

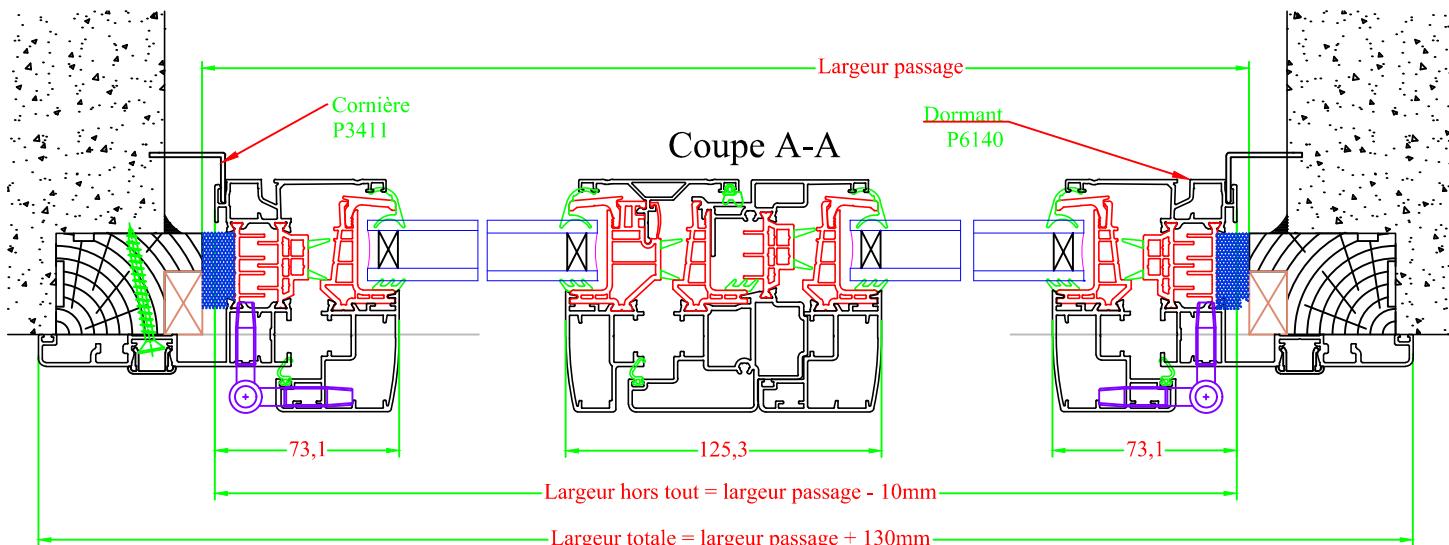
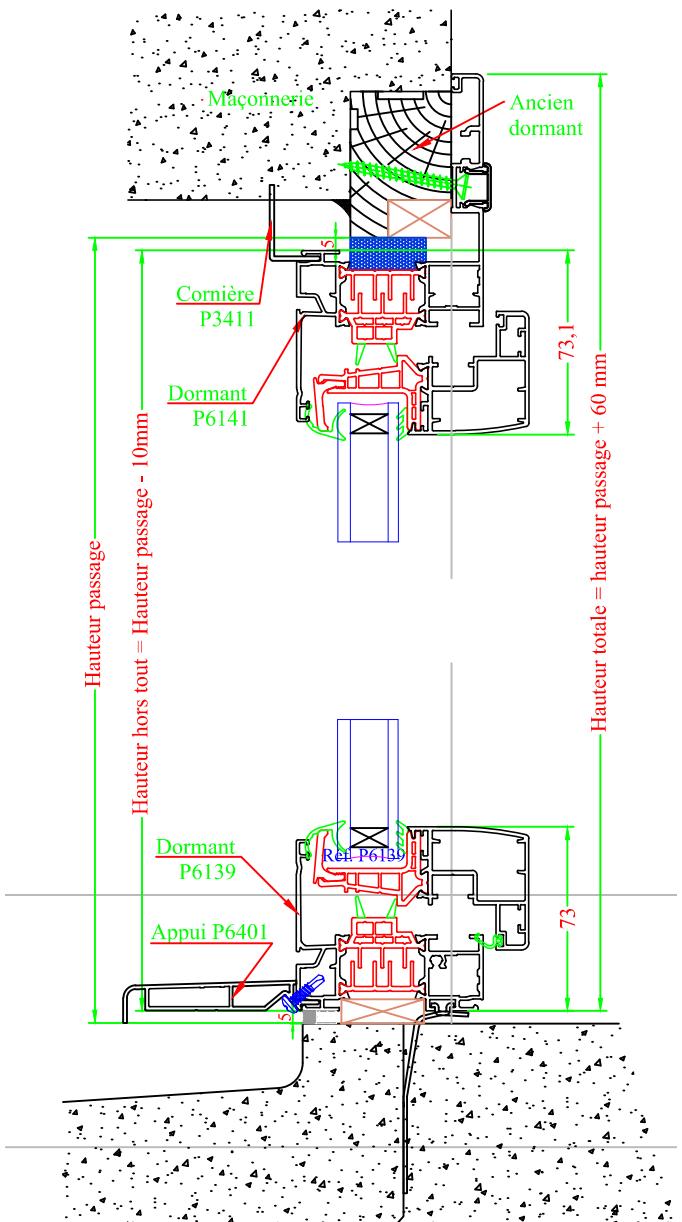
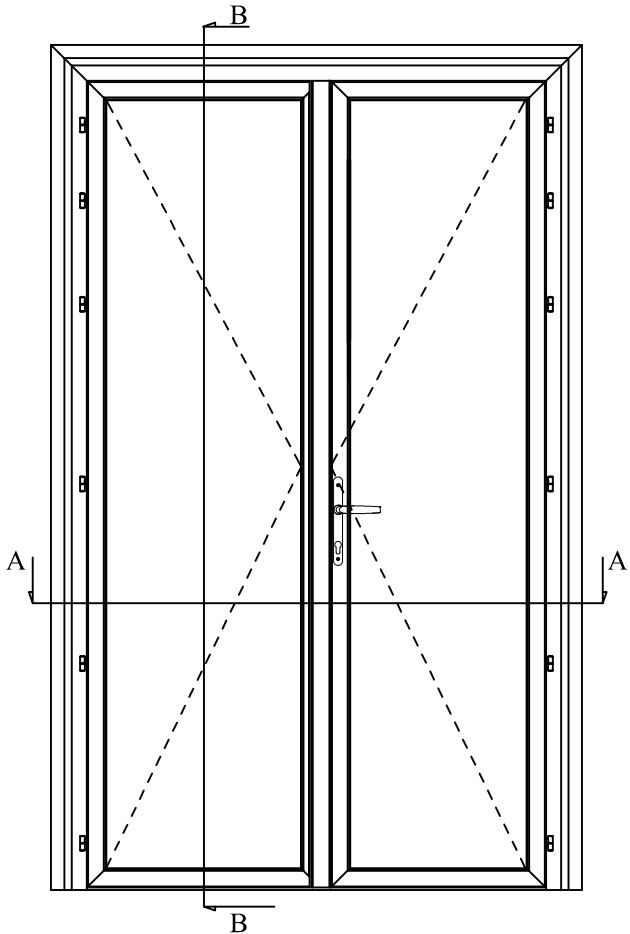
*r qug'gp't²pqxcvkqp'bt 'd-vk'bz kwcpv+



PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'4'xcpw wz'f qto cpv't²pqxcv kqp'ckg'f g'92'b o " 'crr wk² nctik

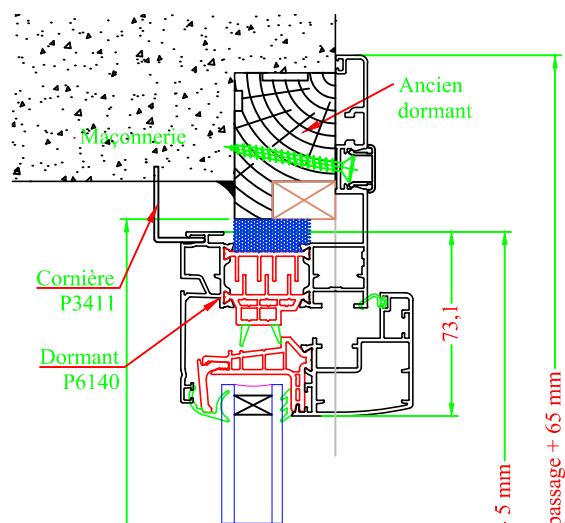
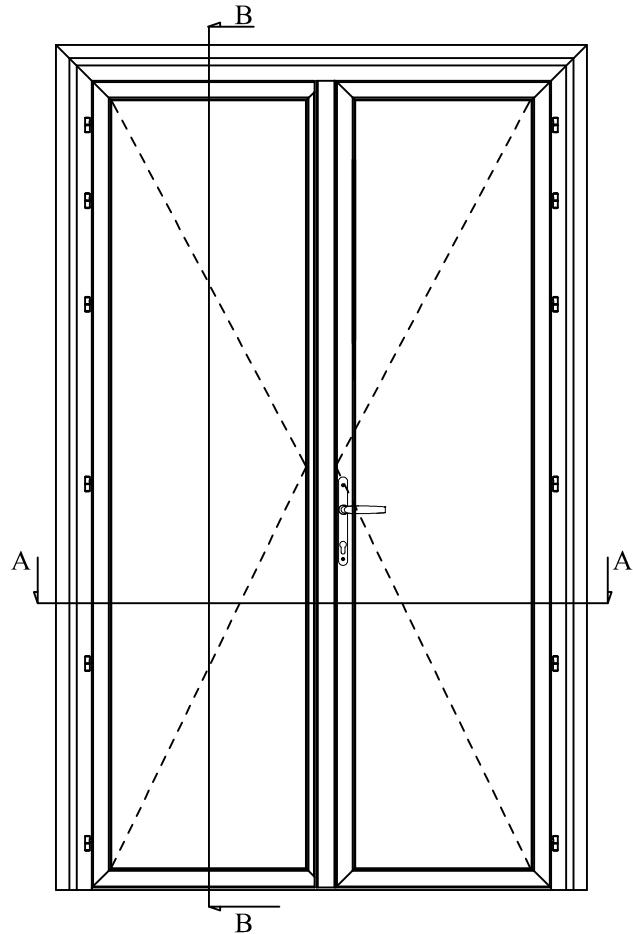
*r qug'gp't²pqxcv kqp'twt 'd-vkbgz kwc pvt+



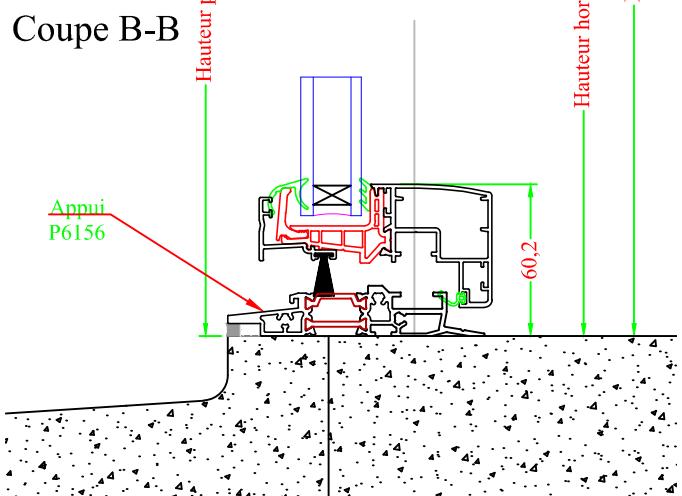
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcreqp'4'xcpwcwz 'f qto cpvt² pqxcvlp'clk'f g'92'b o
 & seuil PMR

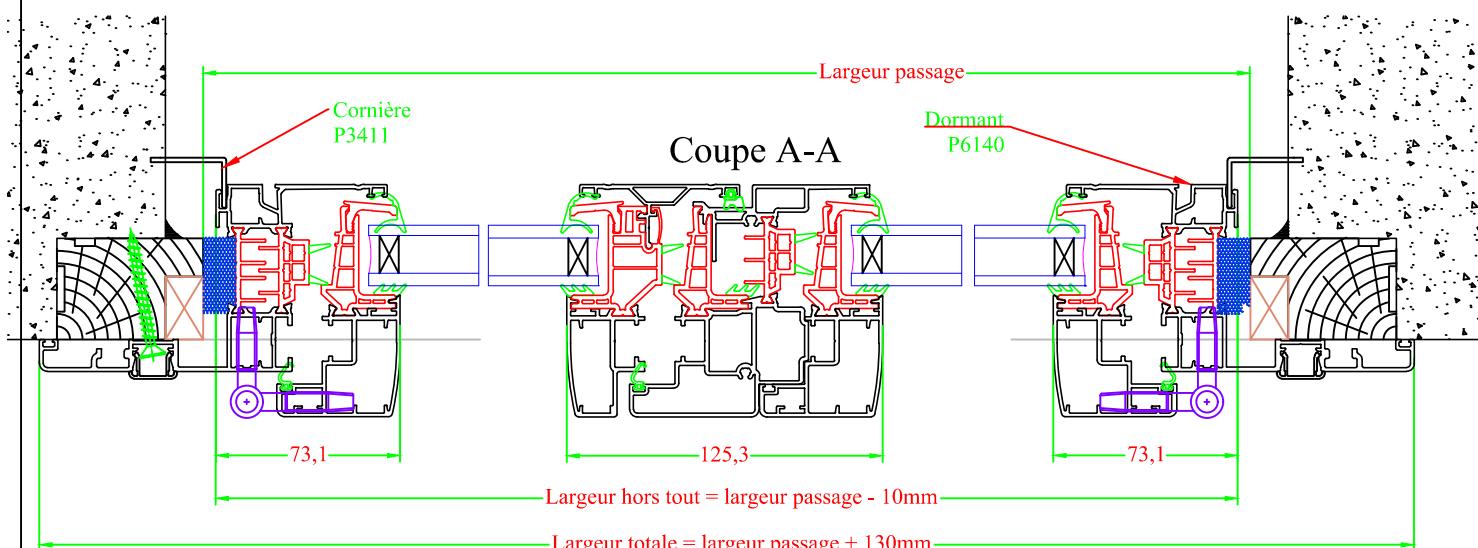
*r quq'gp't² pqxcvlp'lm 'd-wkgzkwcpv+



Coupe B-B

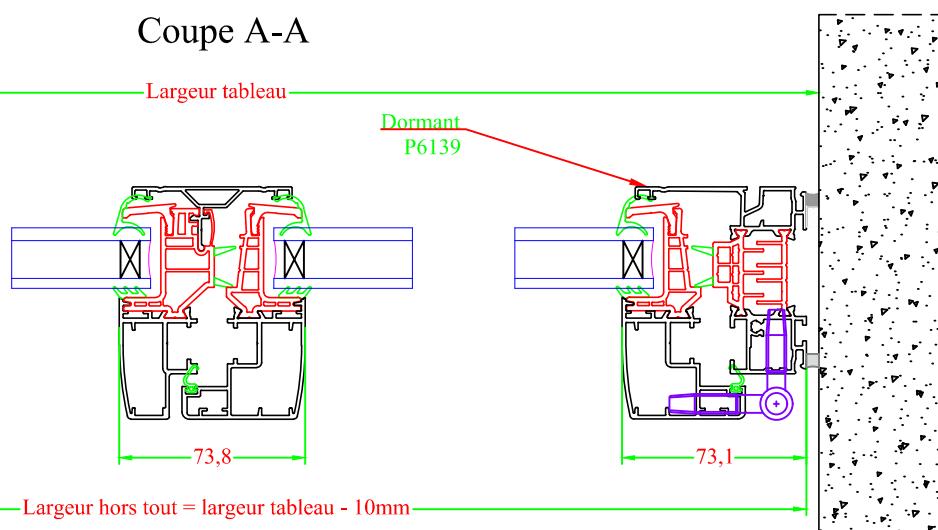
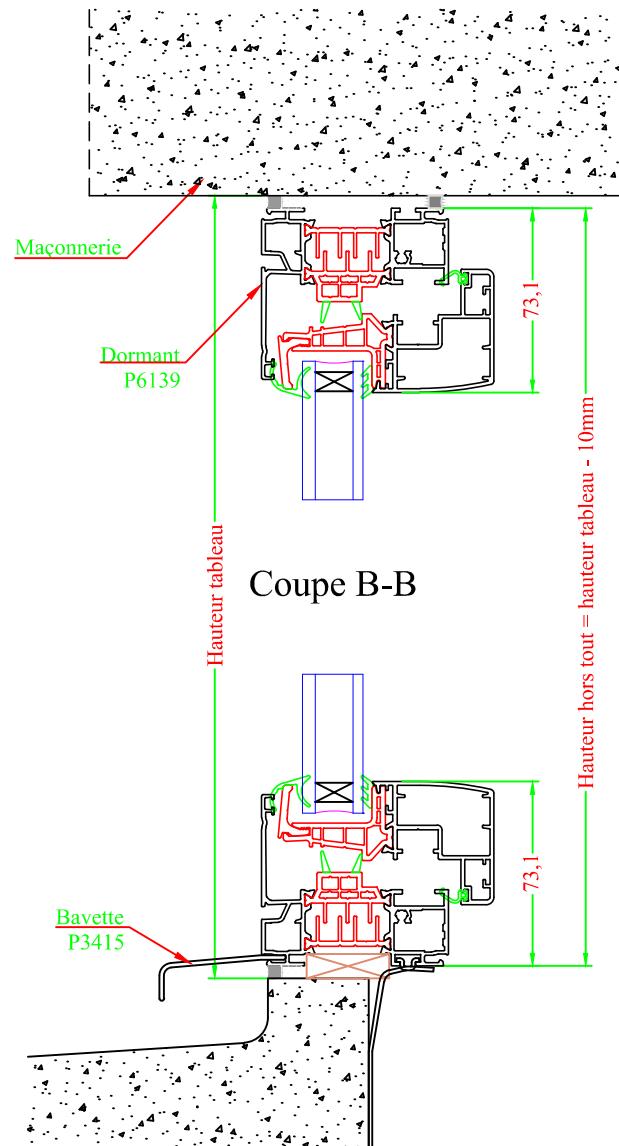
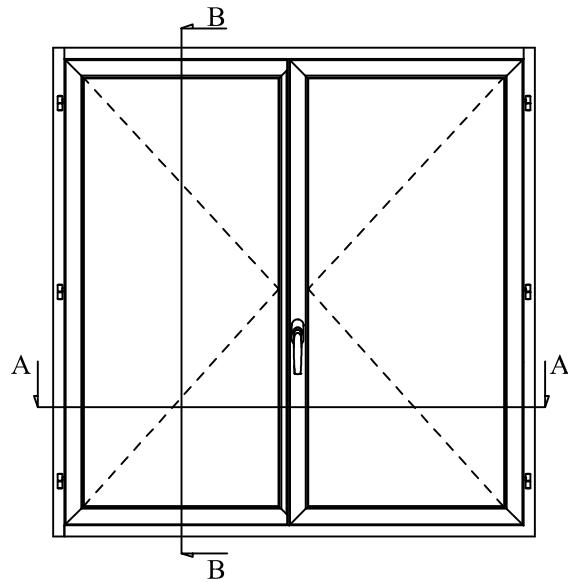


Coupe A-A



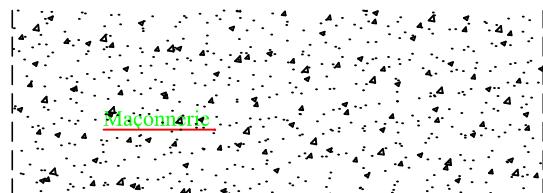
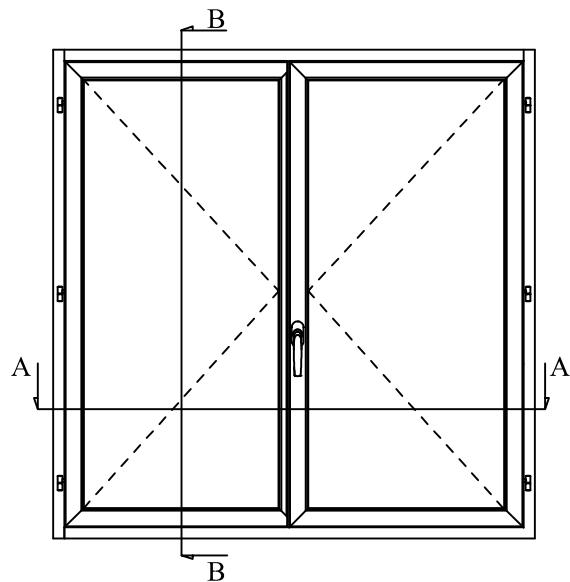
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz 'r qug'gp 'wppgn

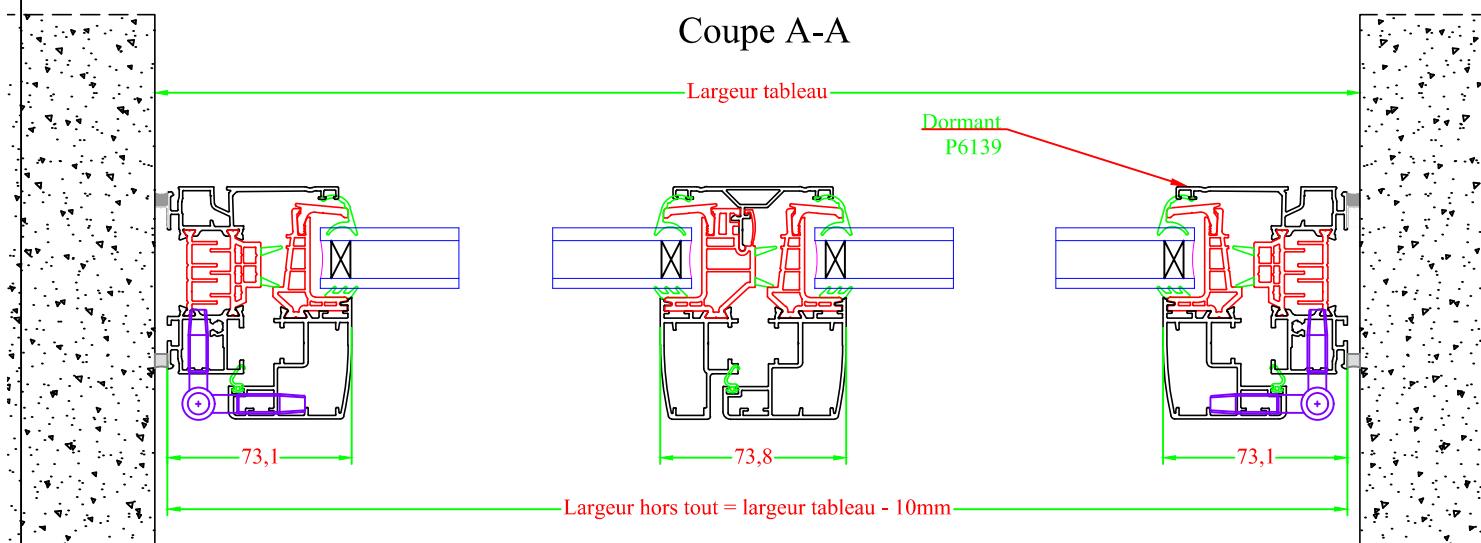
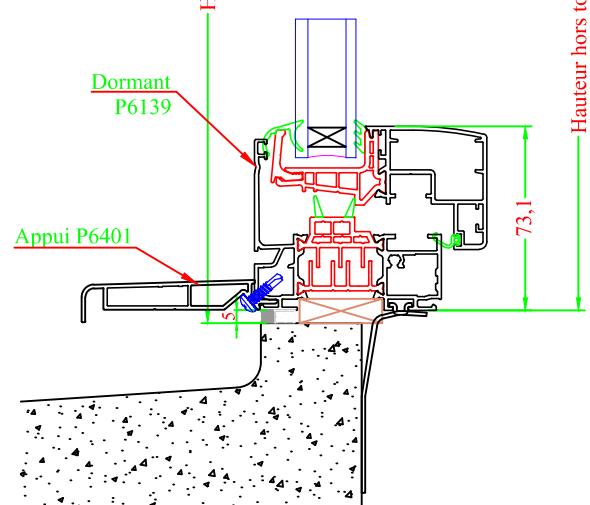


PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz 'r qu g'gp 'wppgn c xge 'c r r wk² mti k



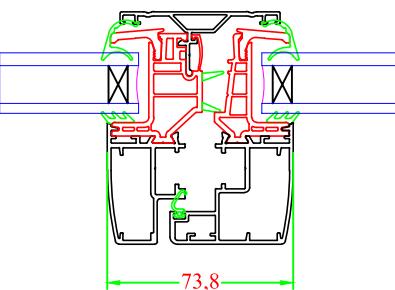
Coupe B-B



Coupe A-A

Largeur tableau

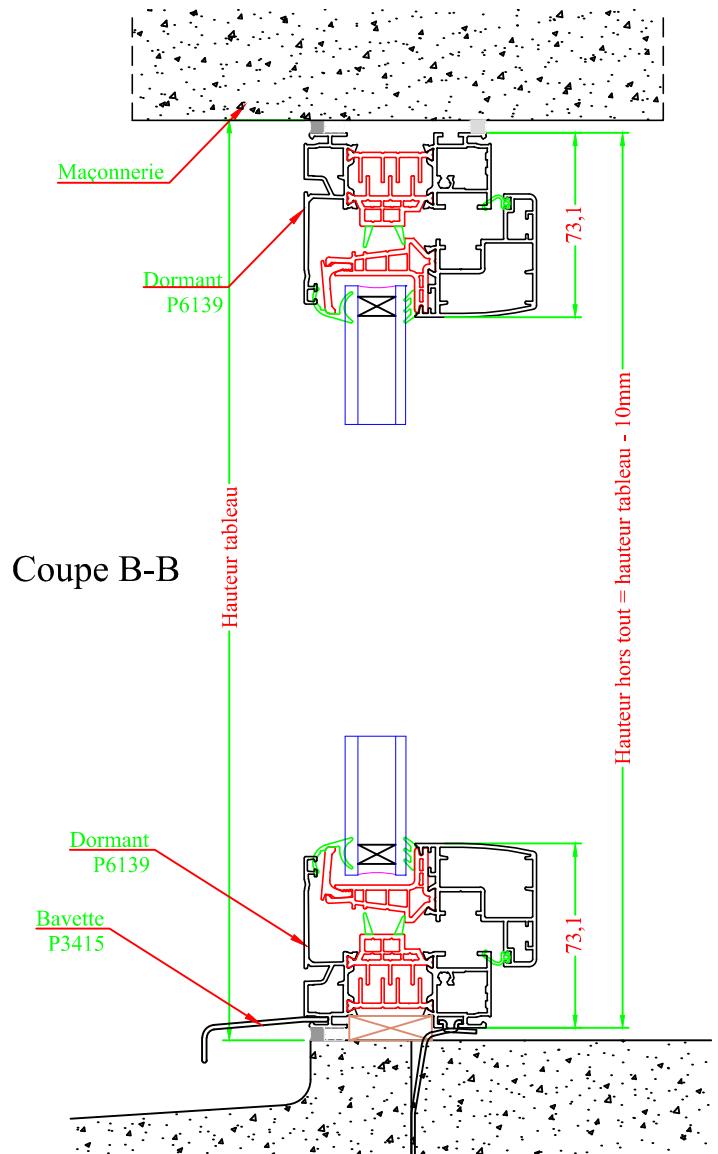
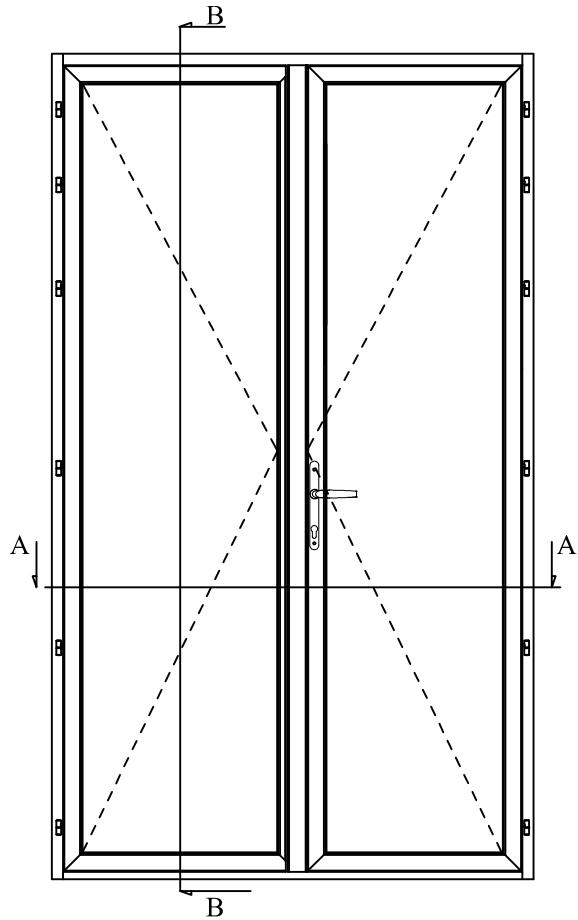
Dormant
P6139



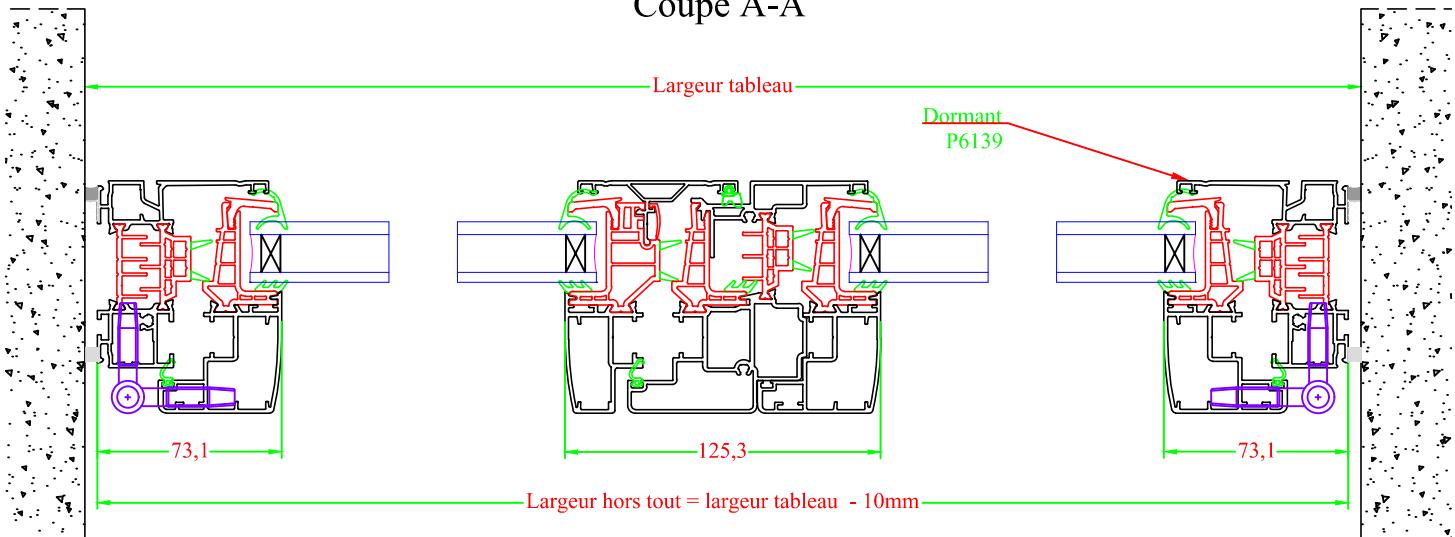
Largeur hors tout = largeur tableau - 10mm

PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel

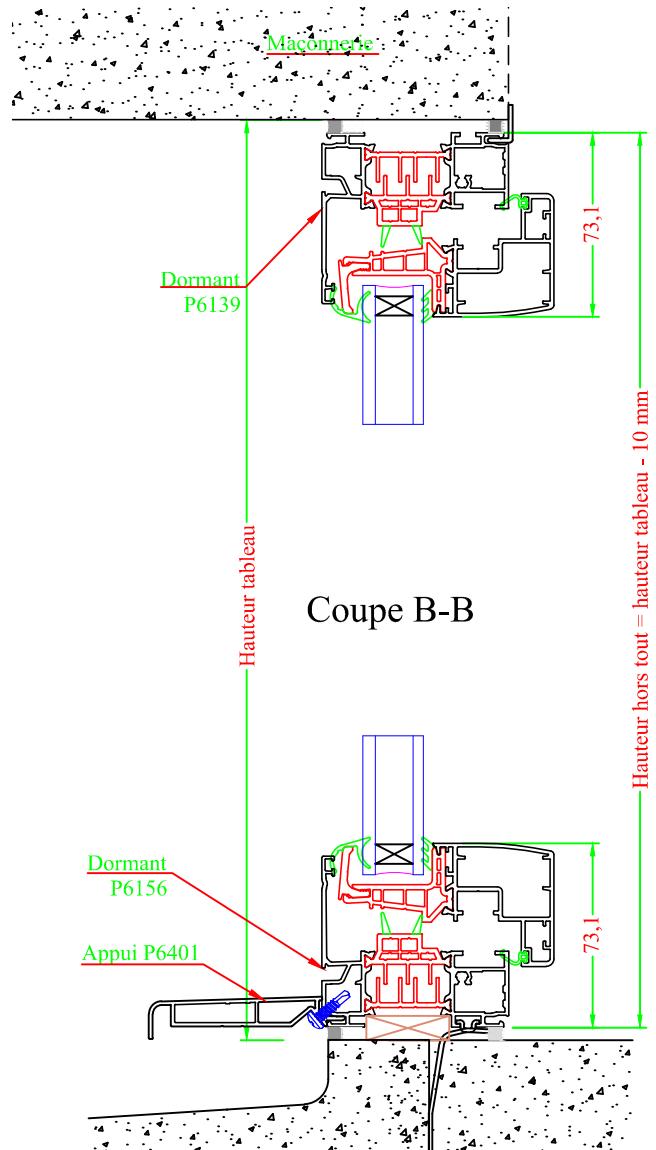
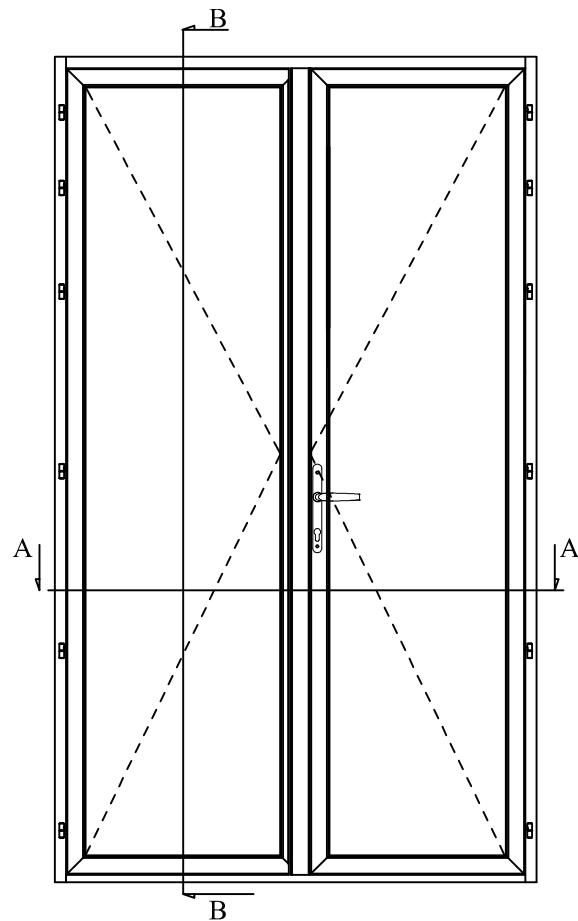


Coupe A-A

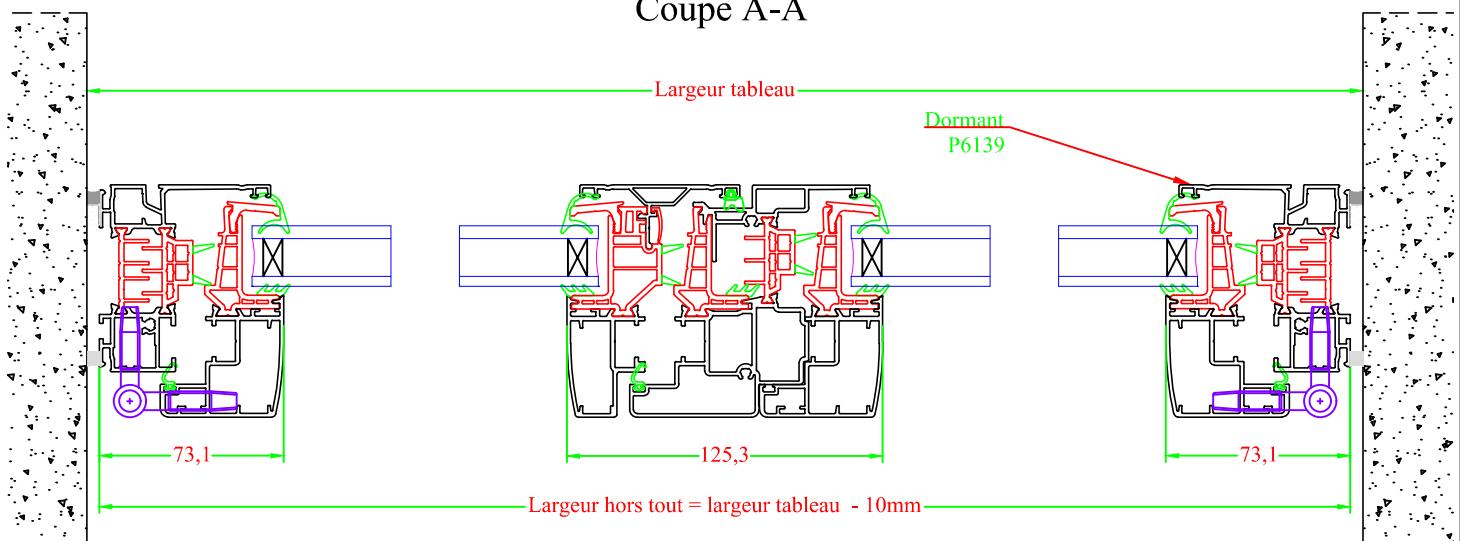


PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpwz'r quq'gp'wppgn' 'cr r wk'2 nti k

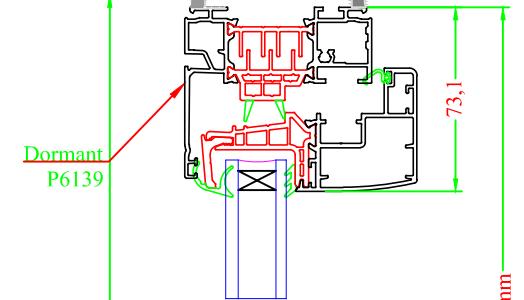
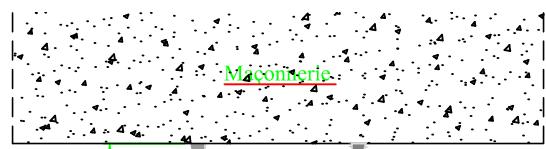
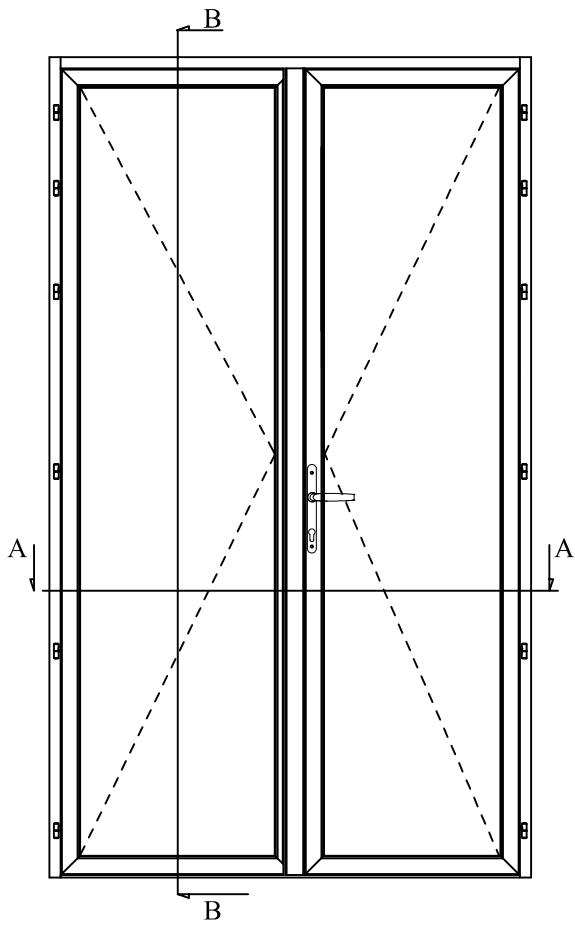


Coupe A-A

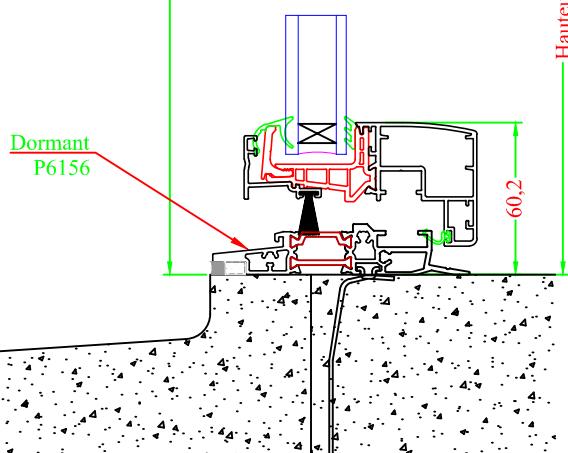


PLAN EN ELEVATION Menuiserie VISUAL

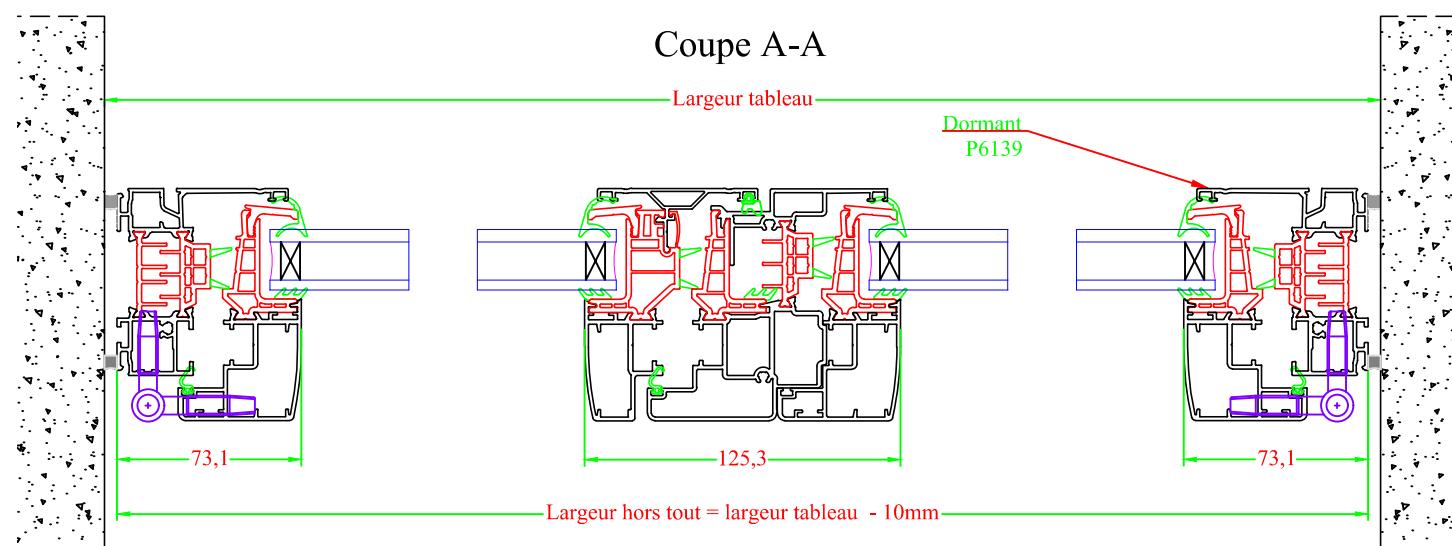
Porte balcon serrure 2 vantaux & seuil PMR pose en tunnel



Coupe B-B

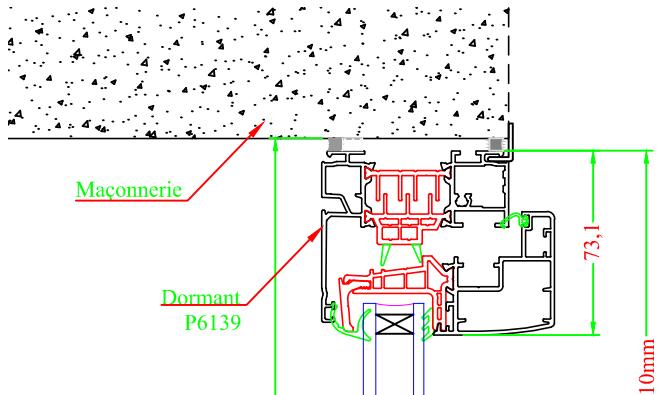
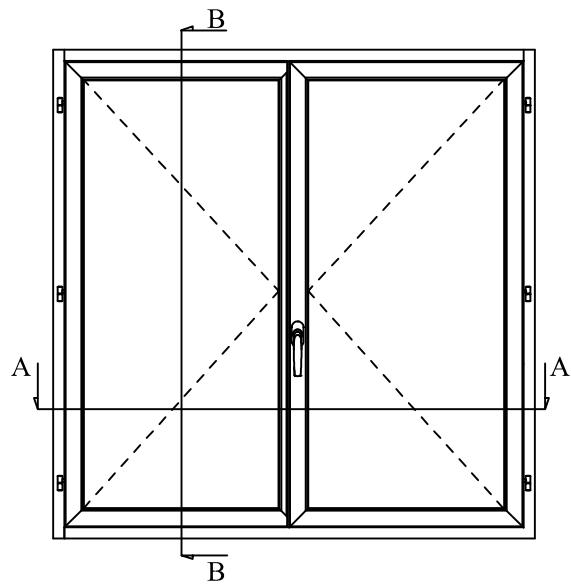


Coupe A-A

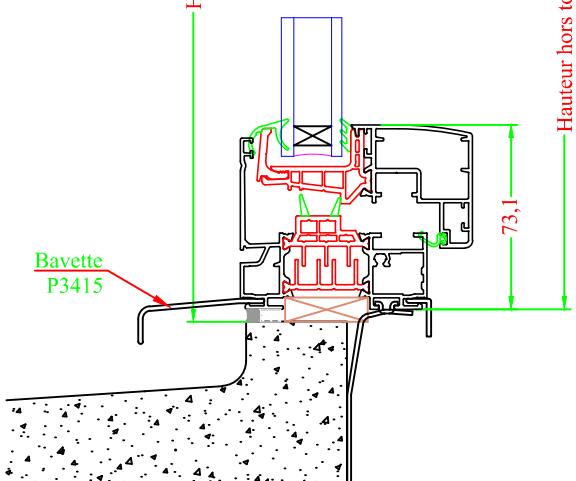


PLAN EN ELEVATION Menuiserie VISUAL

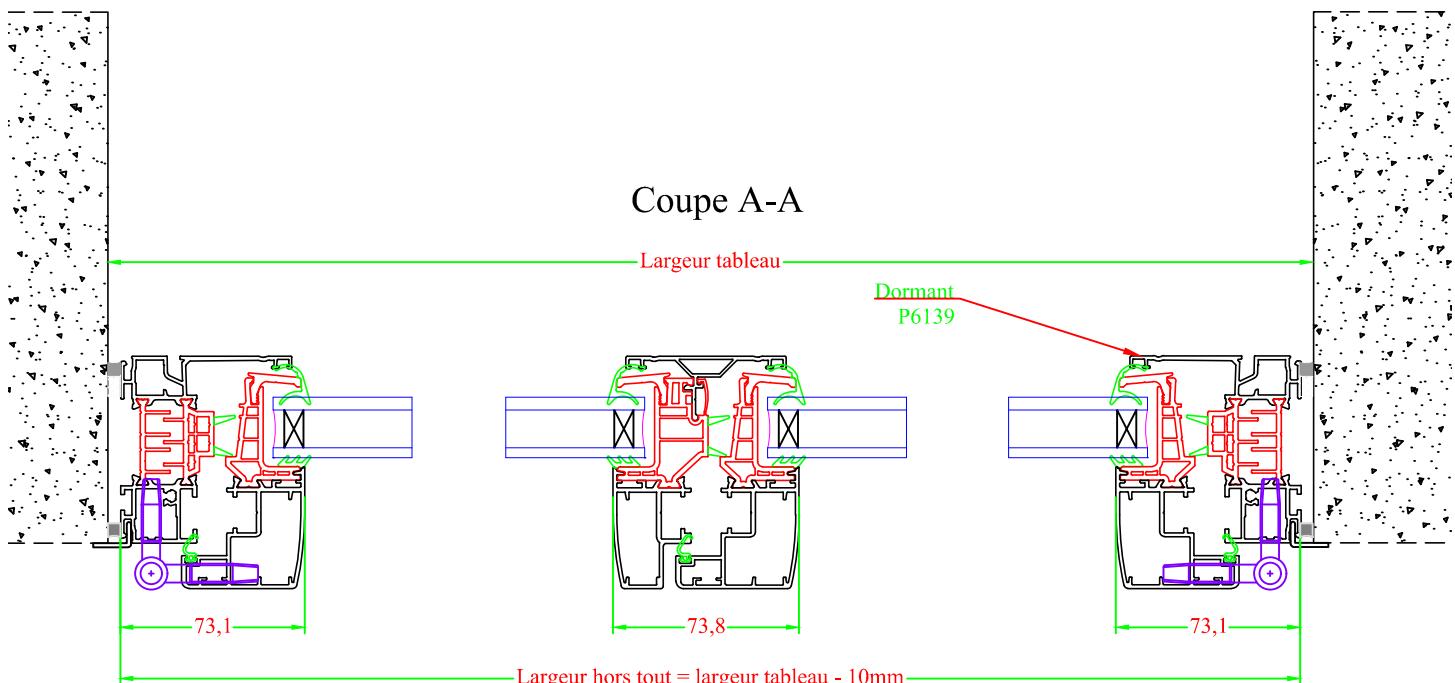
Hgp' vt g'4'xcpwz 't qug'gp'wppgnchhgwt cpv



Coupe B-B

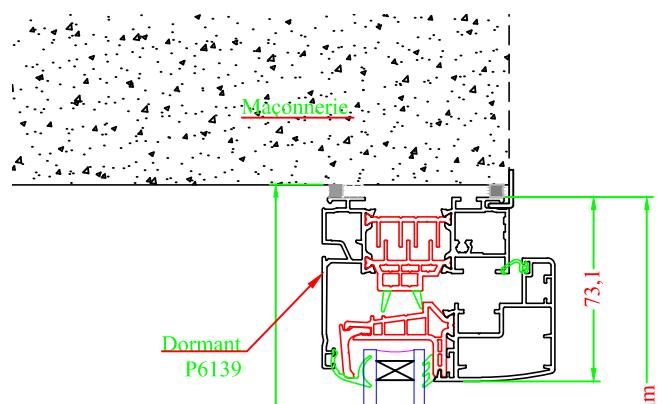
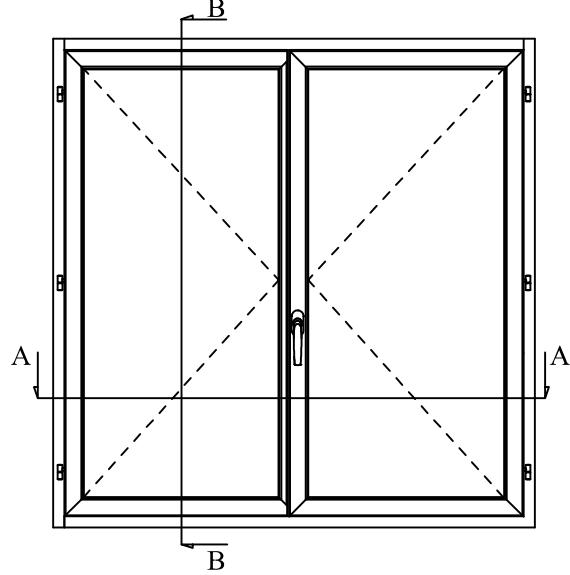


Coupe A-A

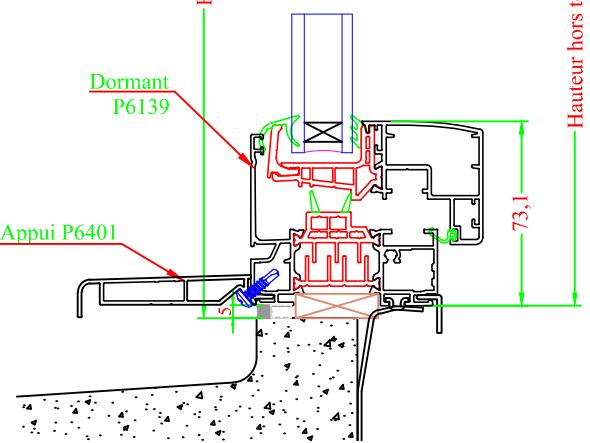


PLAN EN ELEVATION Menuiserie VISUAL

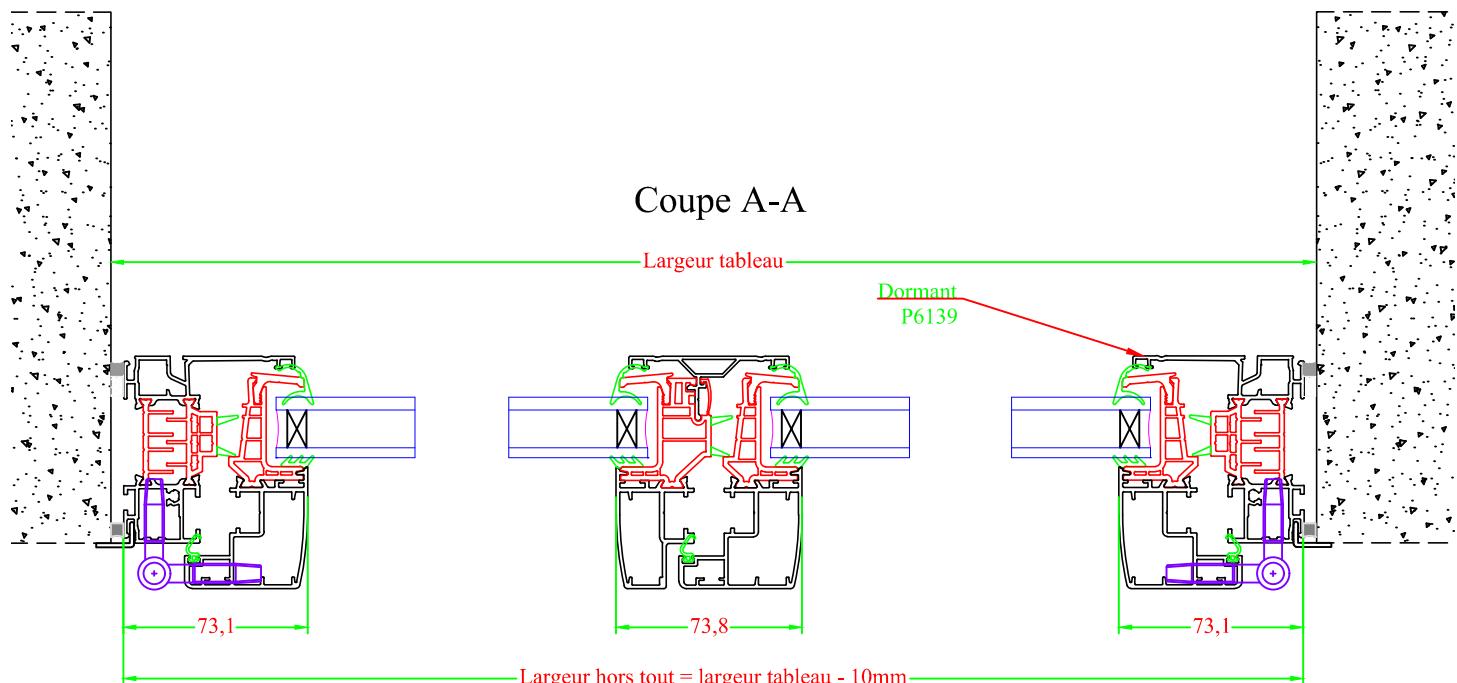
Hgp' vt g'4'xcpw wz 'r qug'gp' wppgnchngwt cpv'cxge'cr r wk' nti k



Coupe B-B

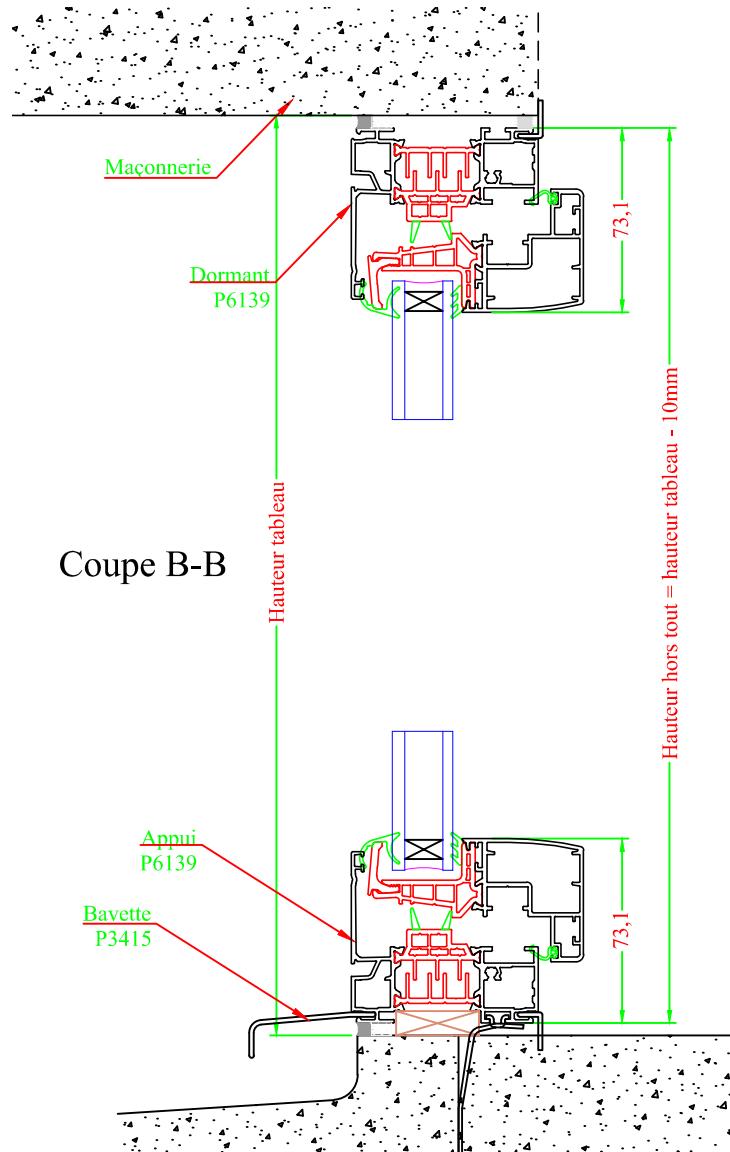
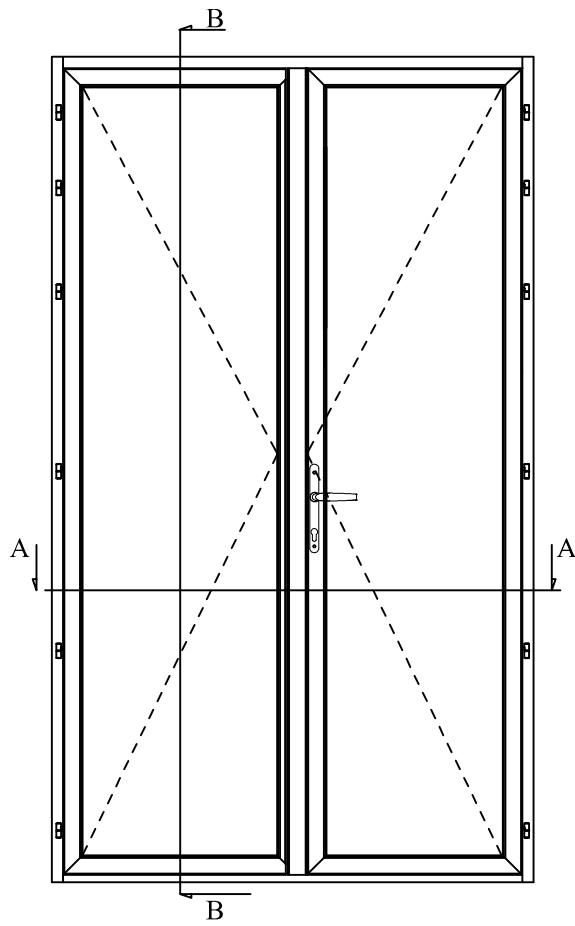


Coupe A-A

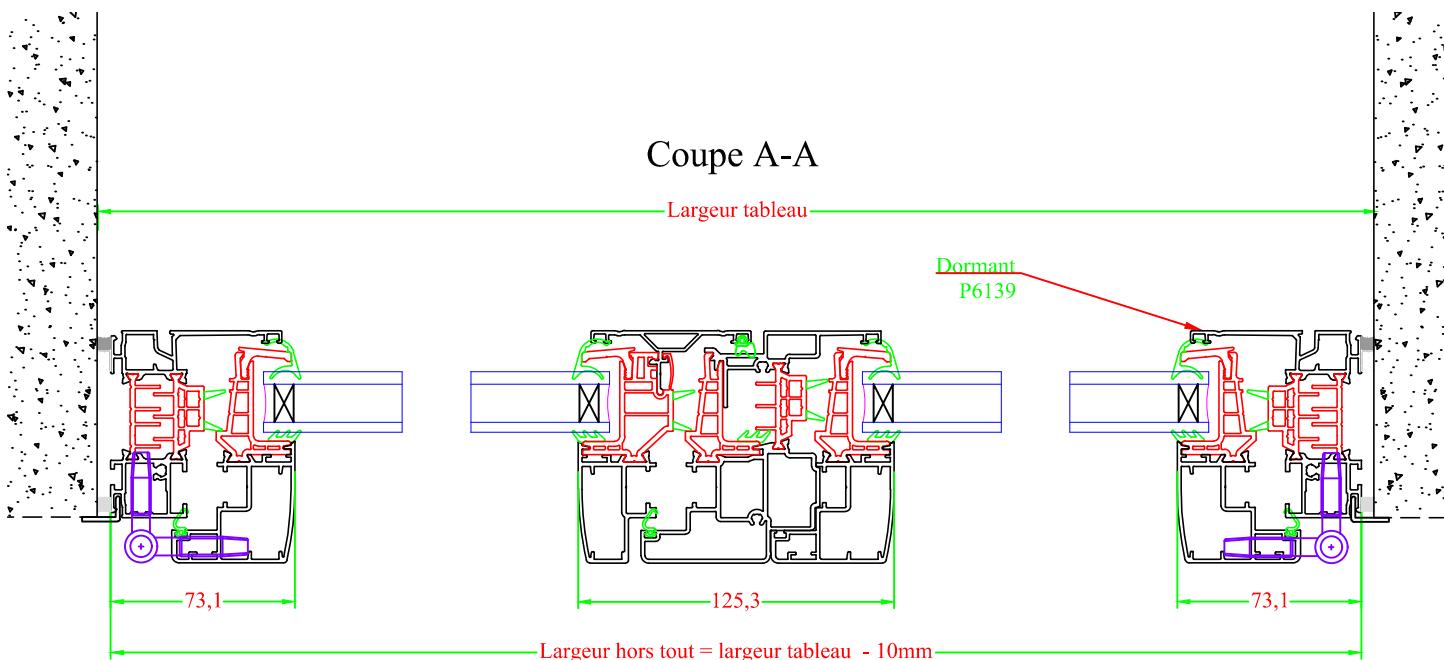


PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel affleurant

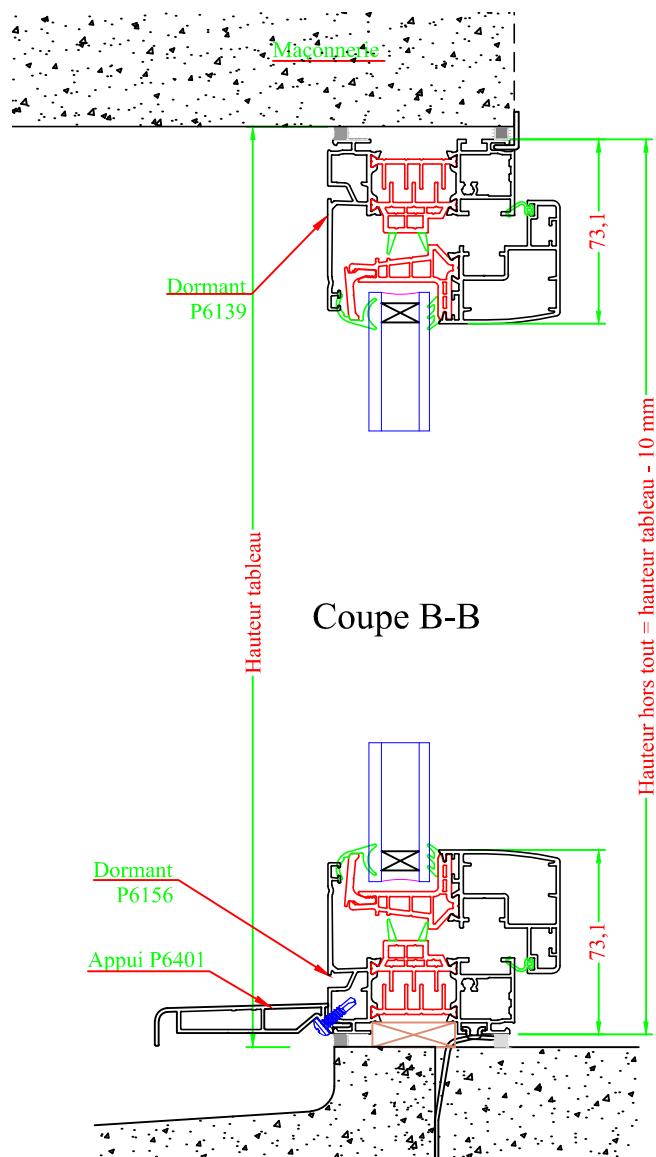
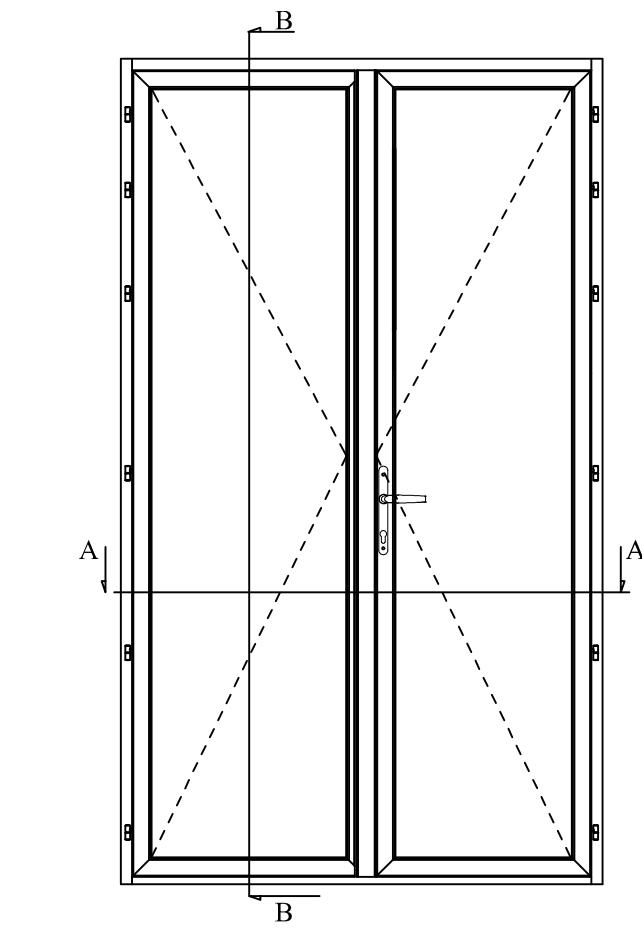


Coupe A-A

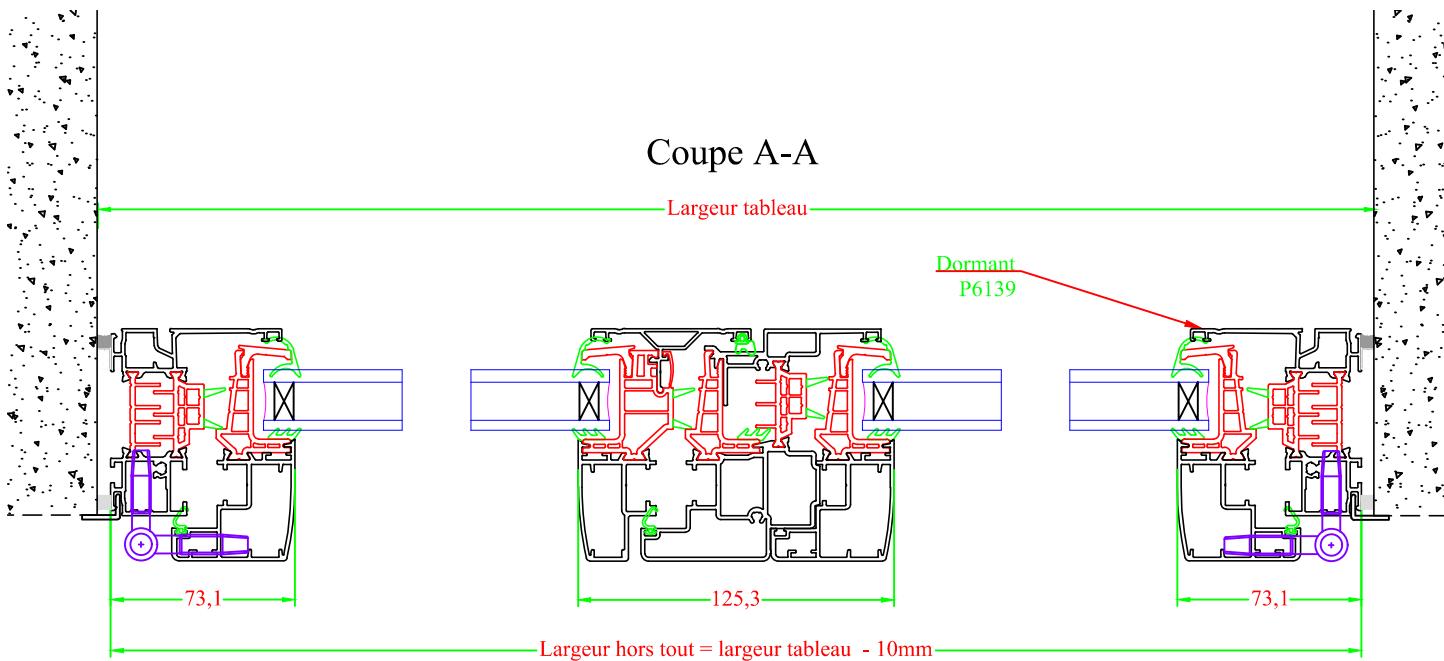


PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel affleurant + cr wk² nti k

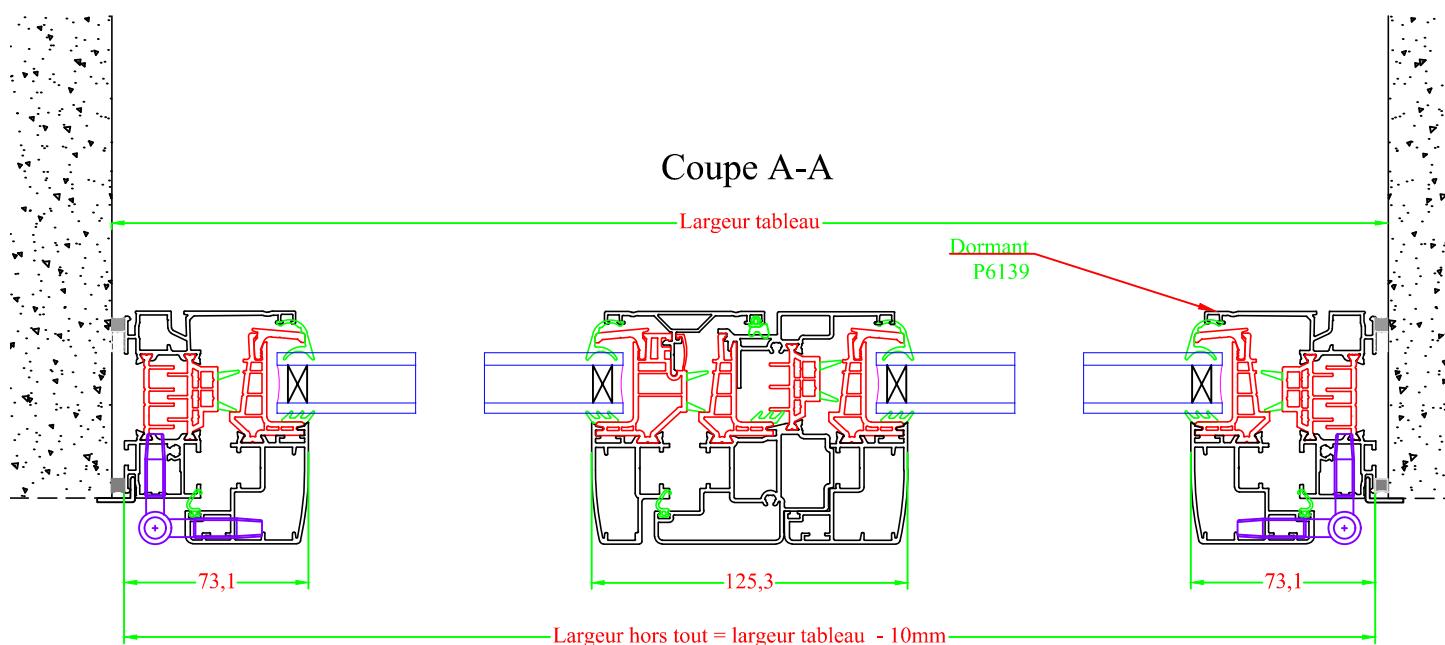
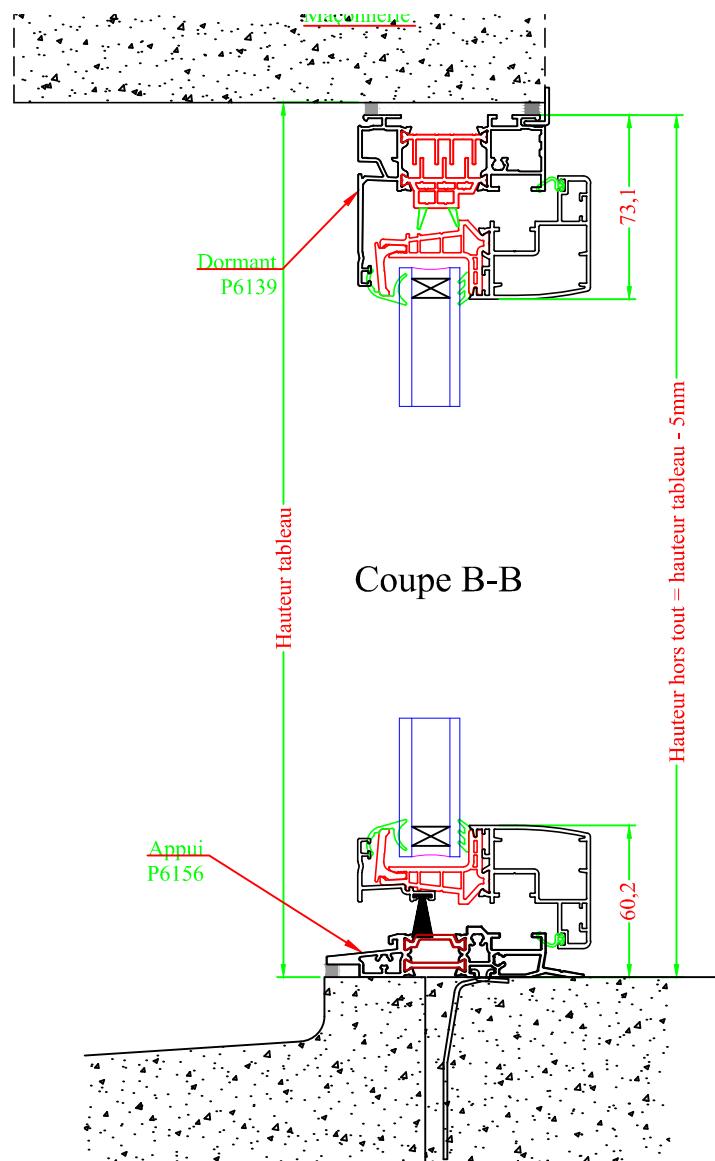
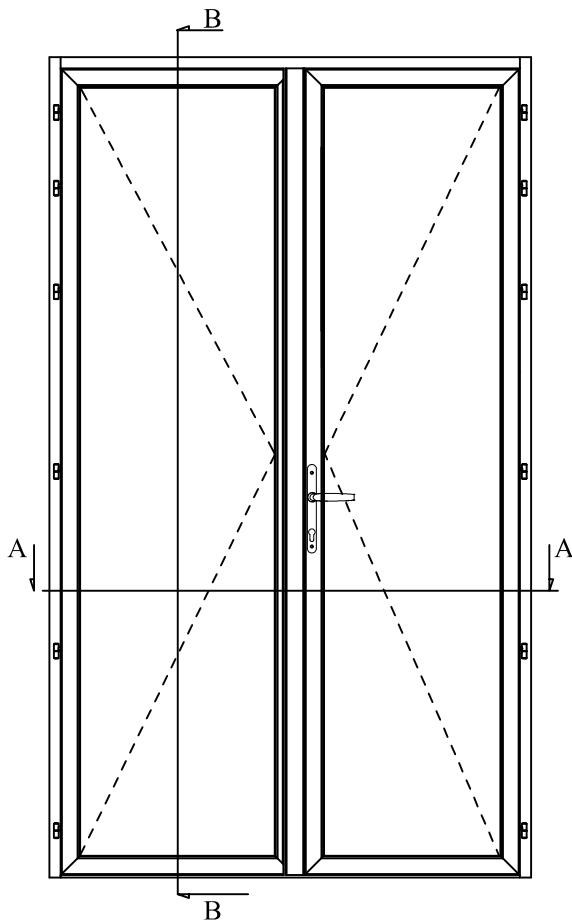


Coupe A-A



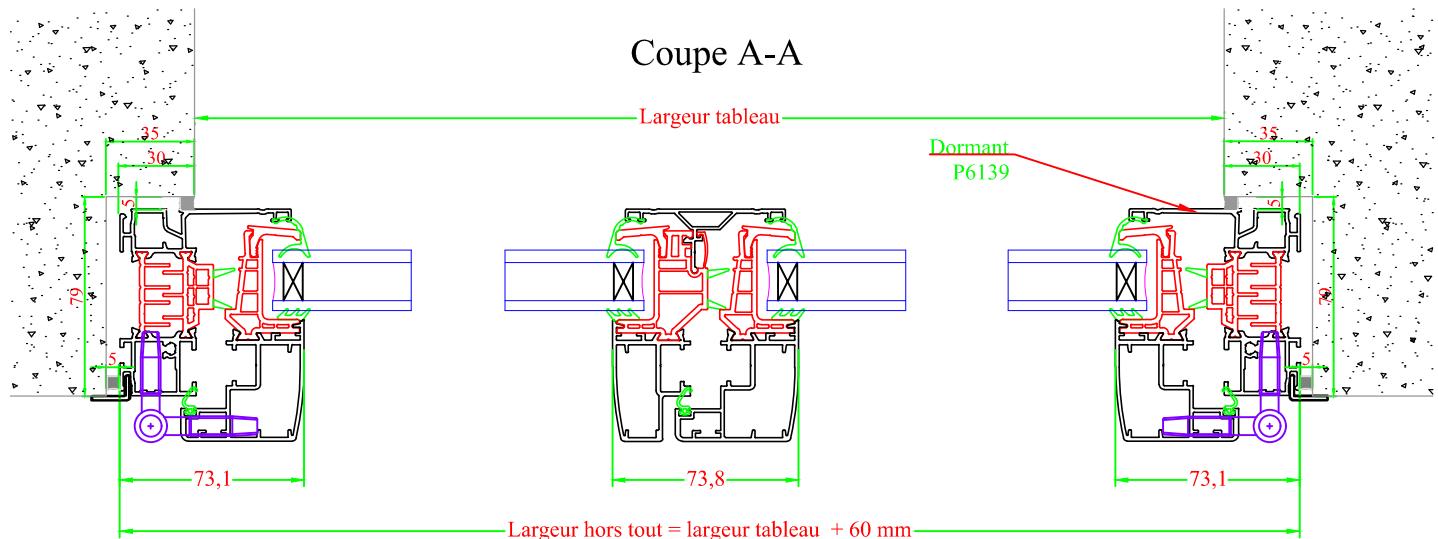
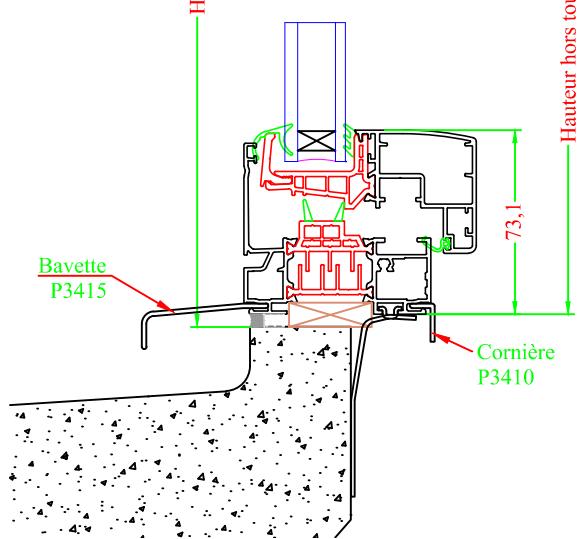
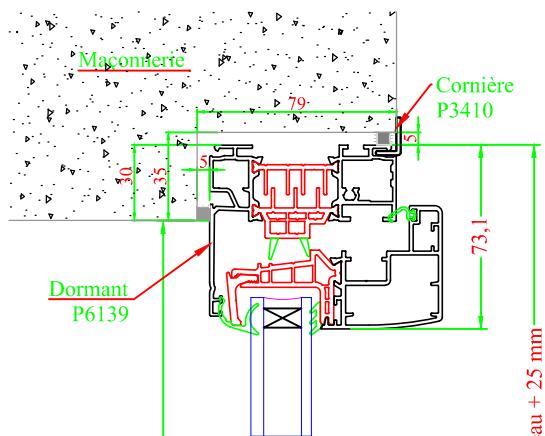
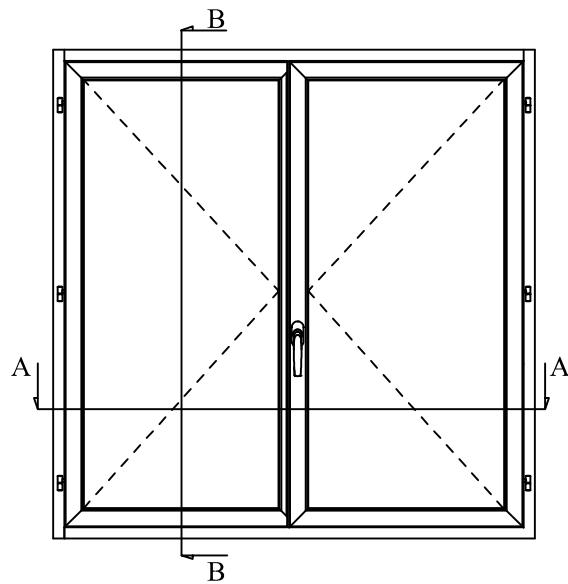
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux & seuil PMR pose en tunnel affleurant



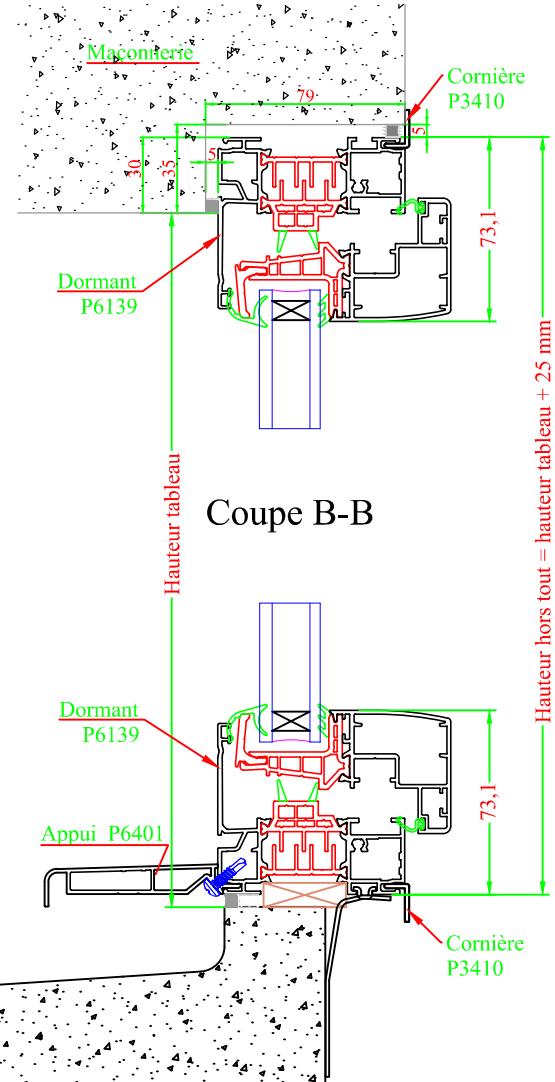
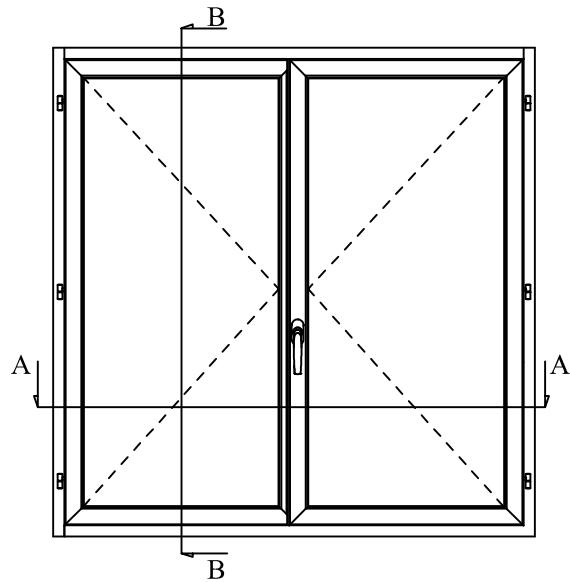
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpw wz 'r qug'gp 'lgwknwt g'lpv² t kgwt g

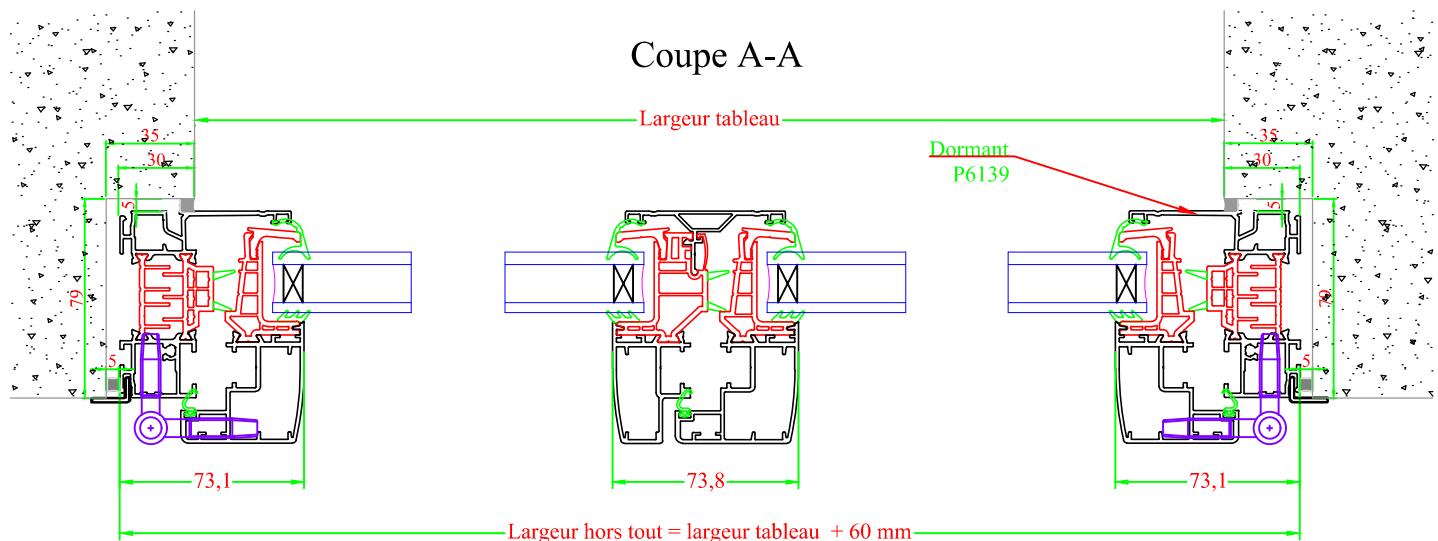


PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpvcwz 'r qug'gp'lgwkwt g'lpv² t lgwt g'cxge
crr wk² nti k

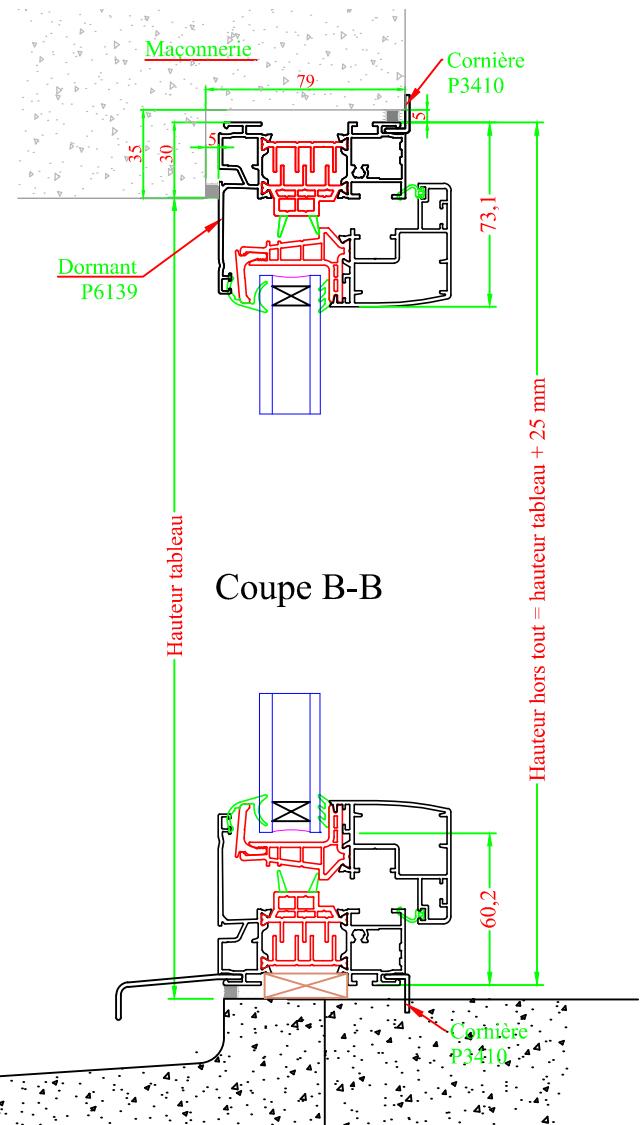
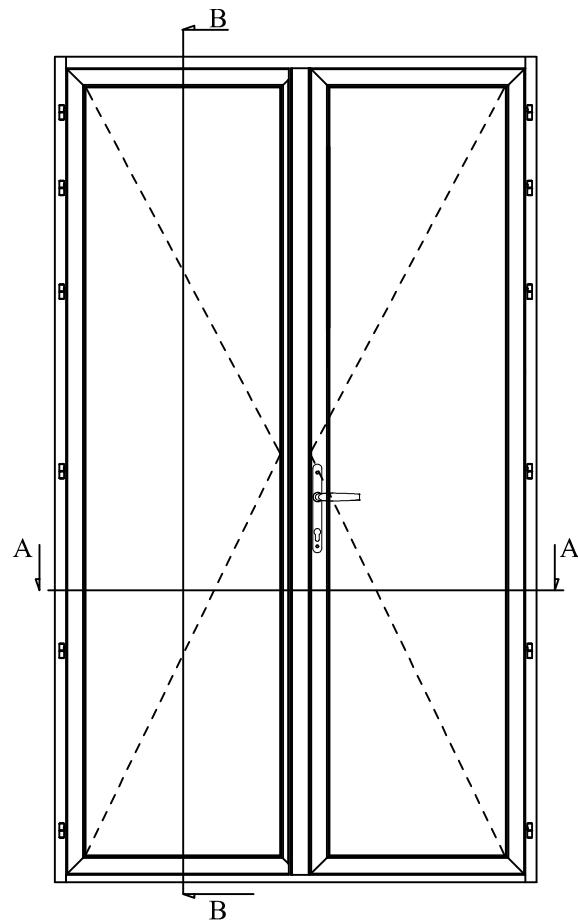


Coupe A-A

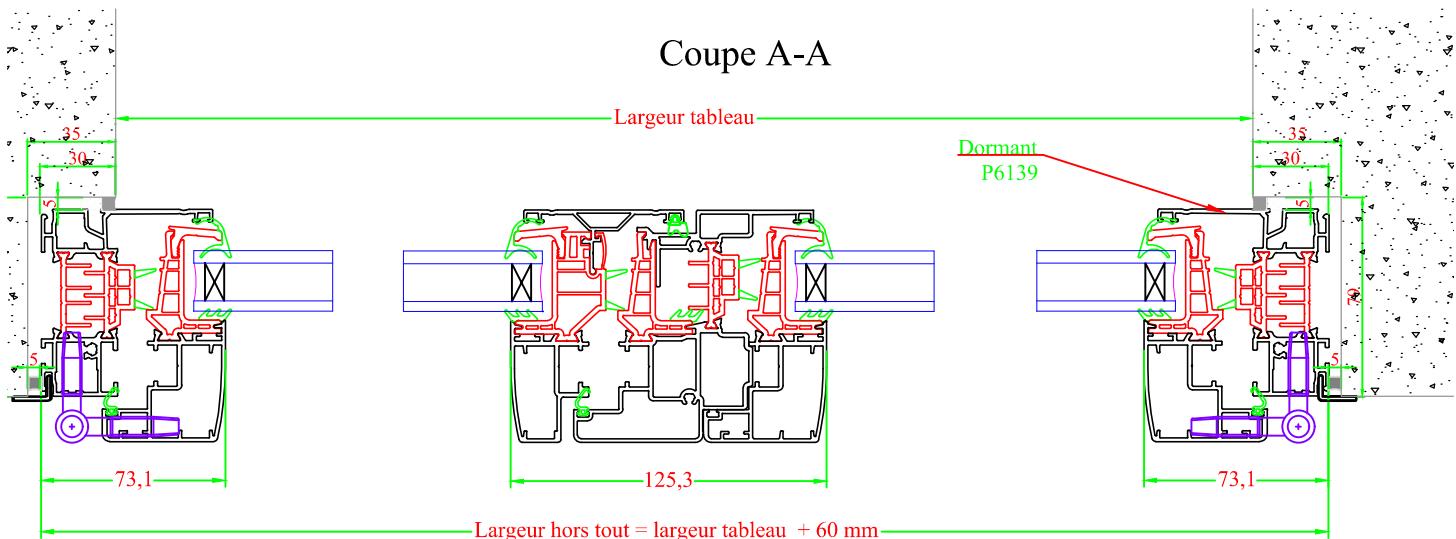


PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'ugt t wt g'4'xcpwcz 'r quq'gp'lgwnwt g'lpv² t lgwt g

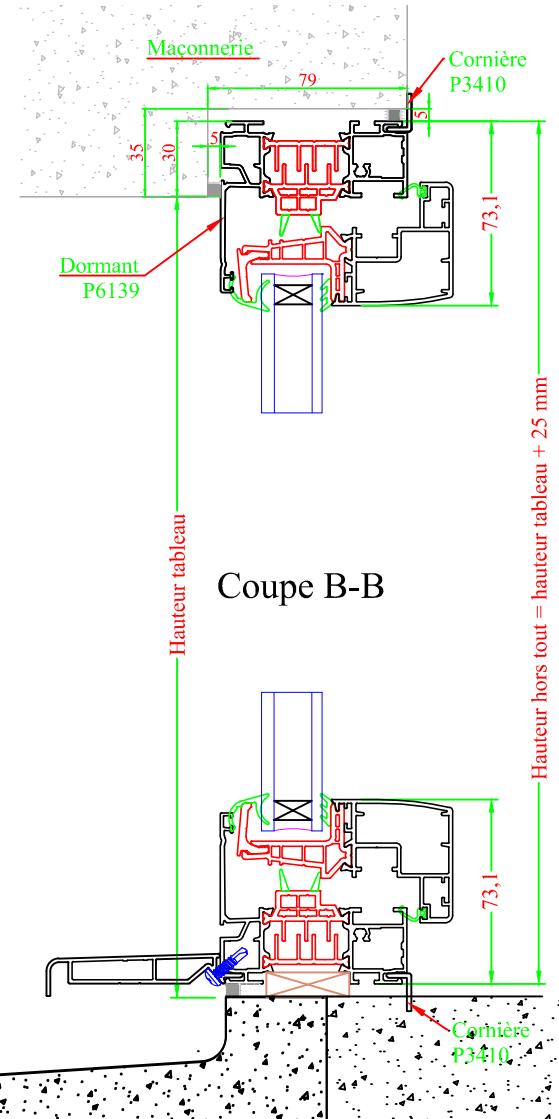
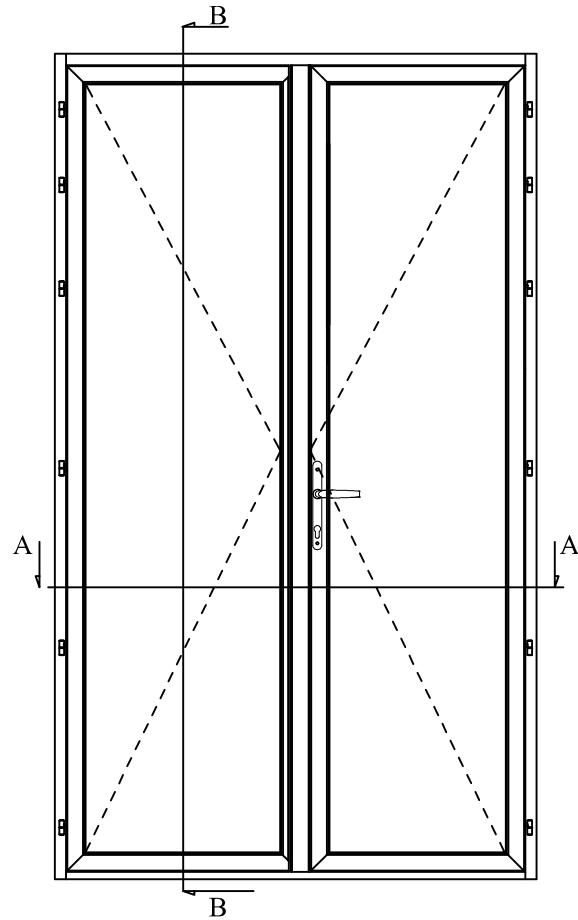


Coupe A-A

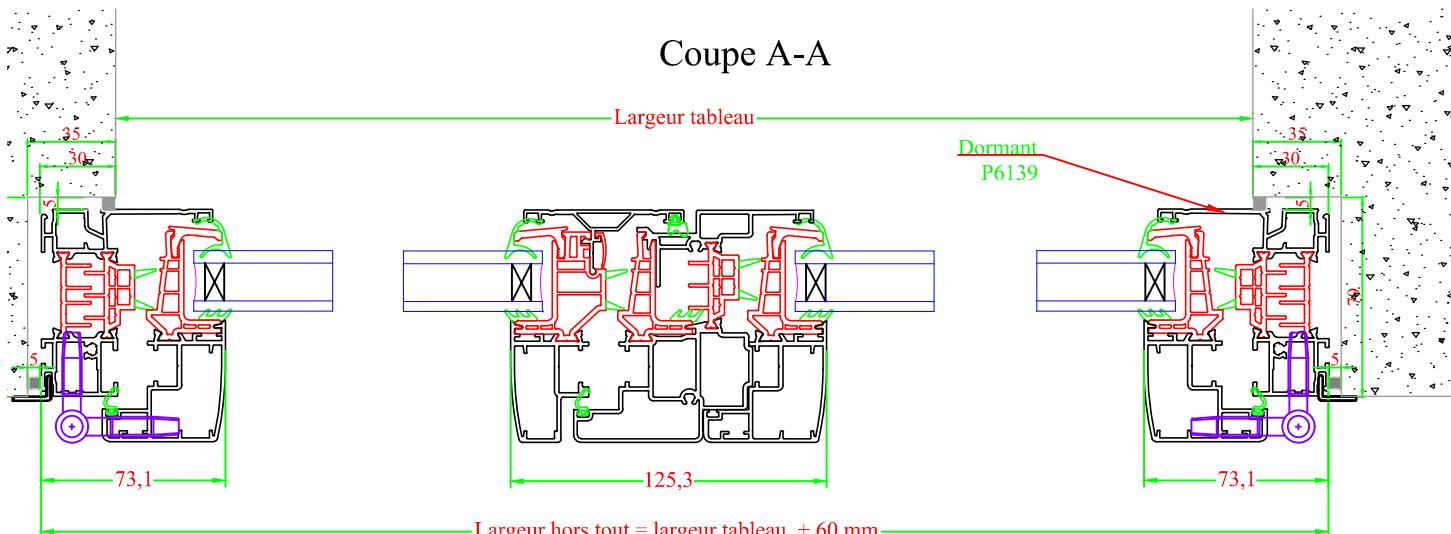


PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcreqp'ugt t wt g'4'xcpwcz 'r quq'gp'lgwnwt g'lpv² t lgwt g'¹
cr r wk² ncti k

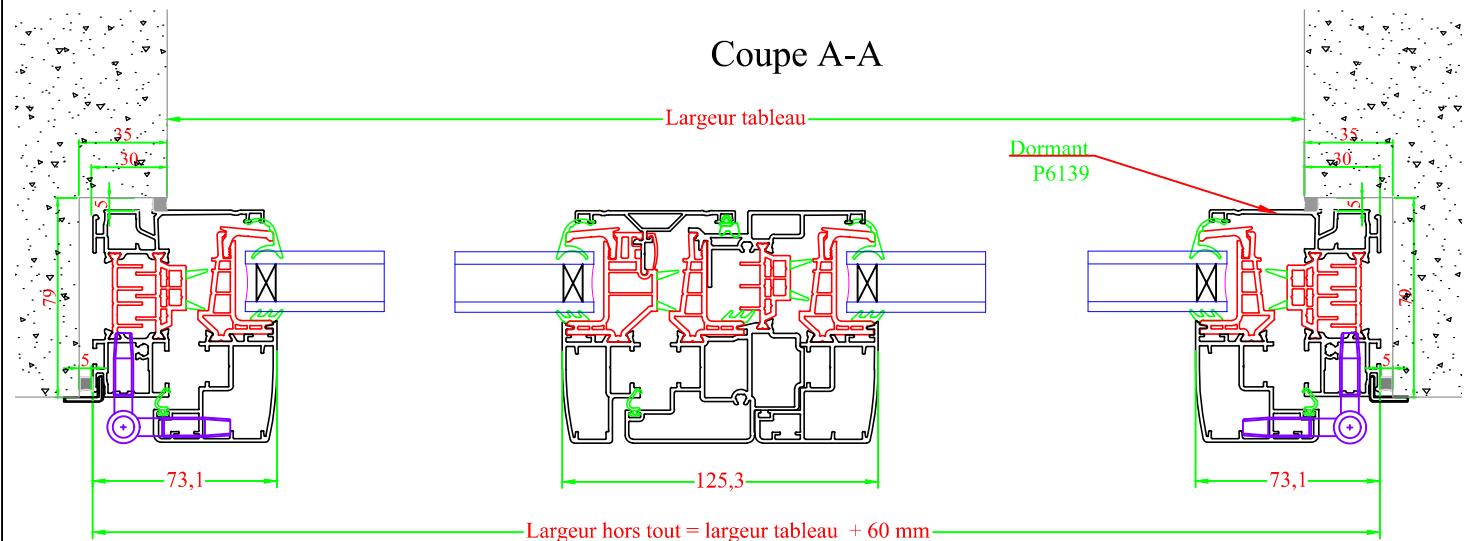
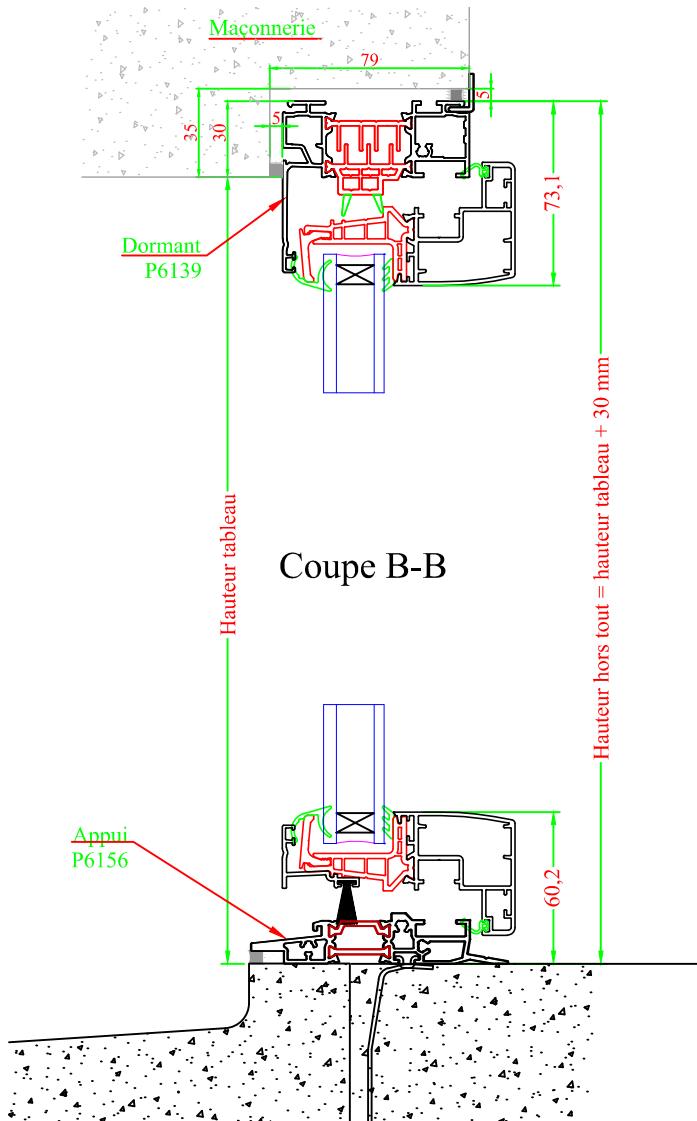
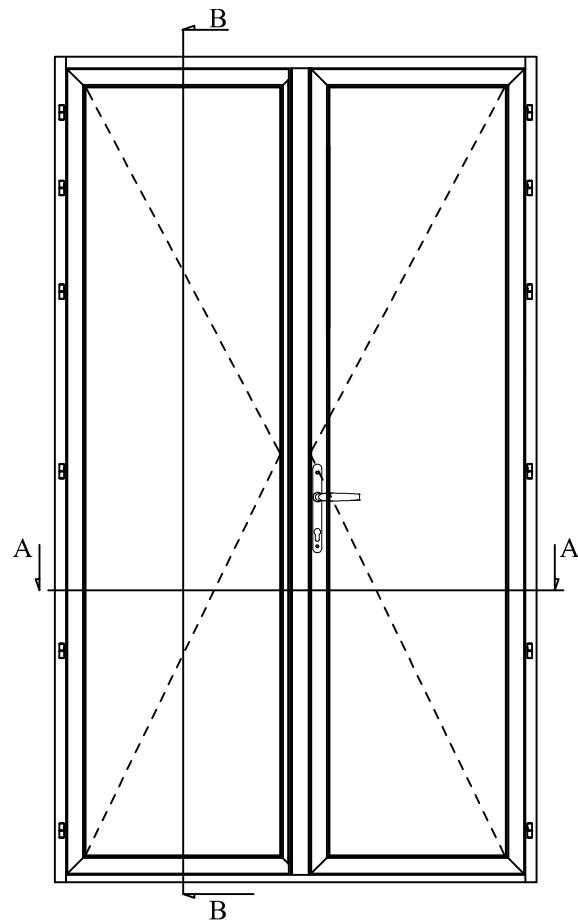


Coupe B-B



PLAN EN ELEVATION Menuiserie VISUAL

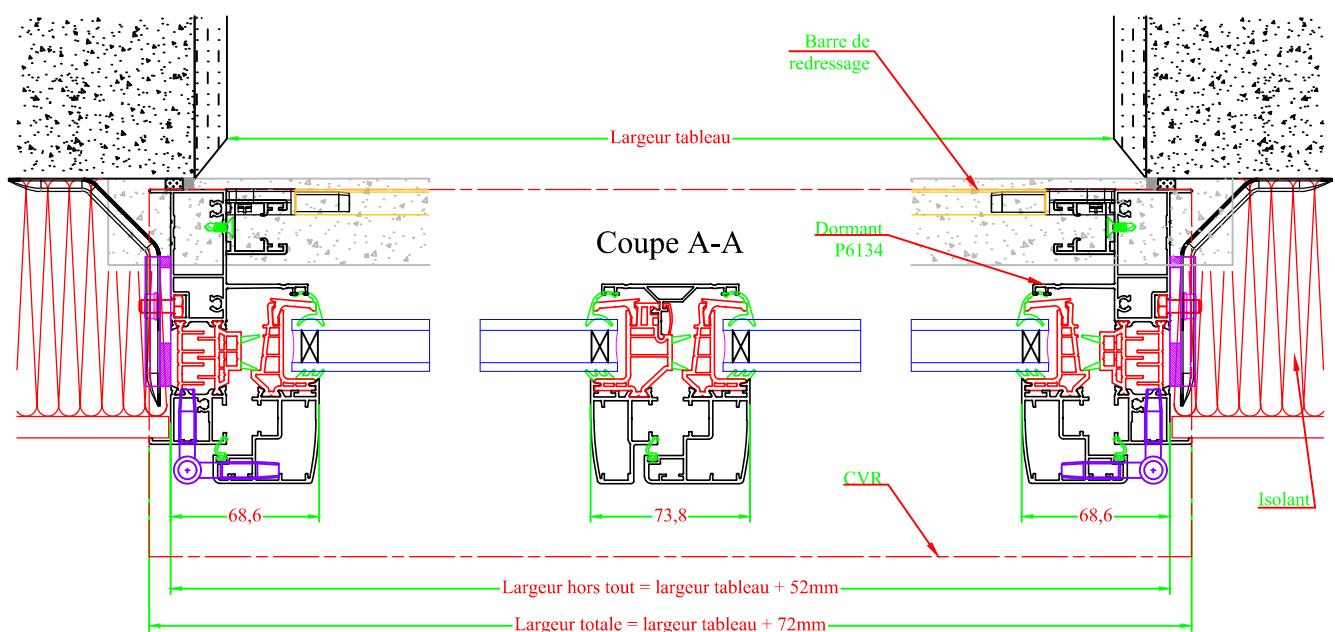
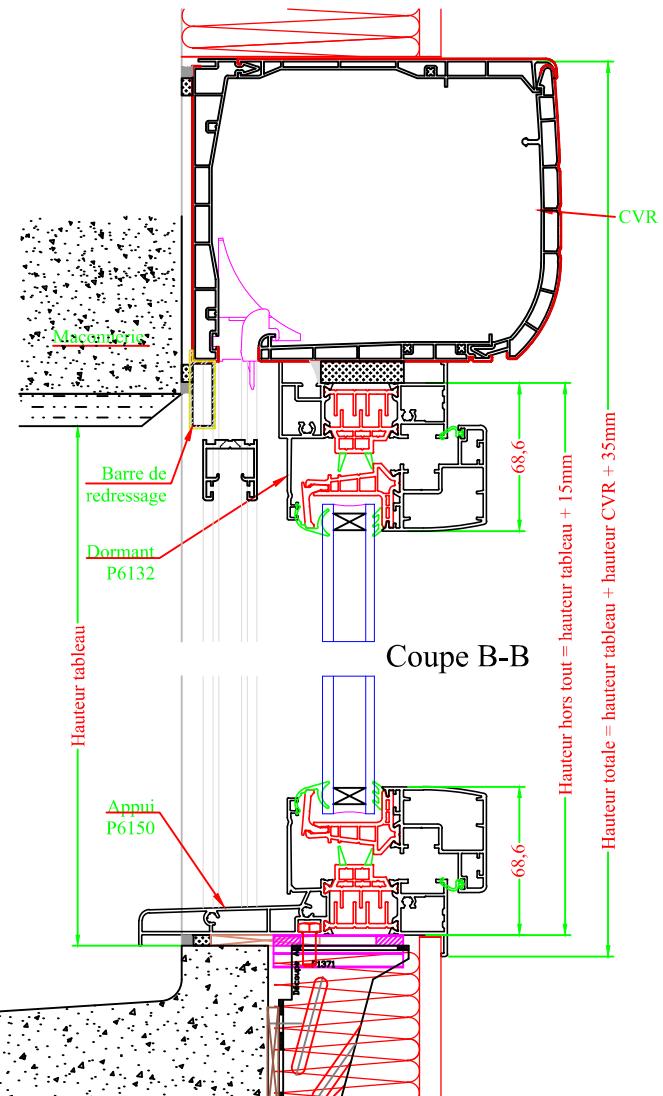
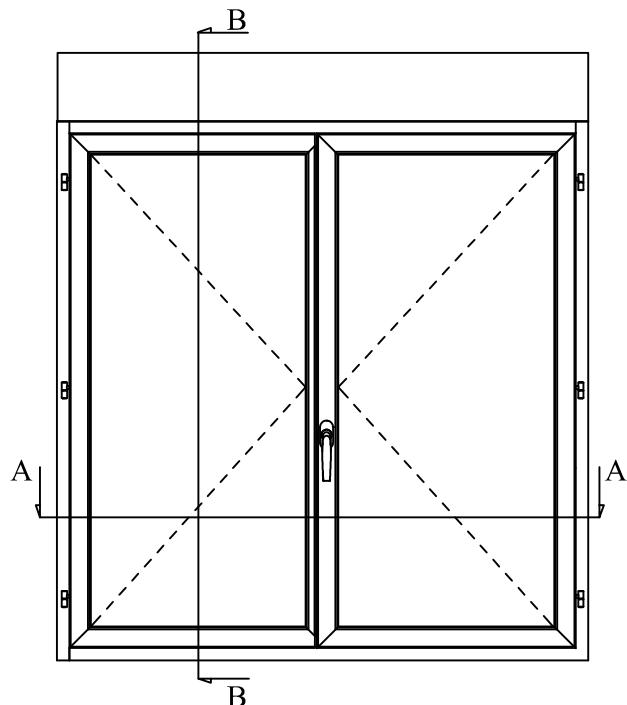
Rqt vg'dcreqp'ugt t wt g'4'xcpwcz 'r quq'gp'lgwnwt g'lpv² t lgwt g
 & seuil PMR



PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vtg'4'xcpwcz 'f qt o cpv'b qpqdmqe'('éqht g'xqngv't qwrpv avec barre de redressage

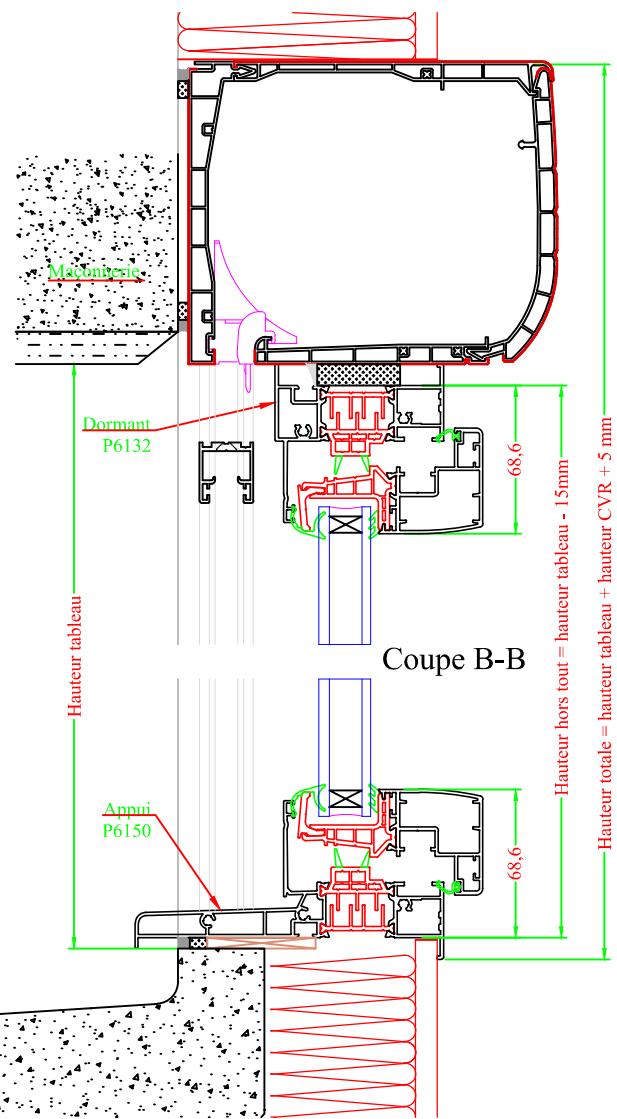
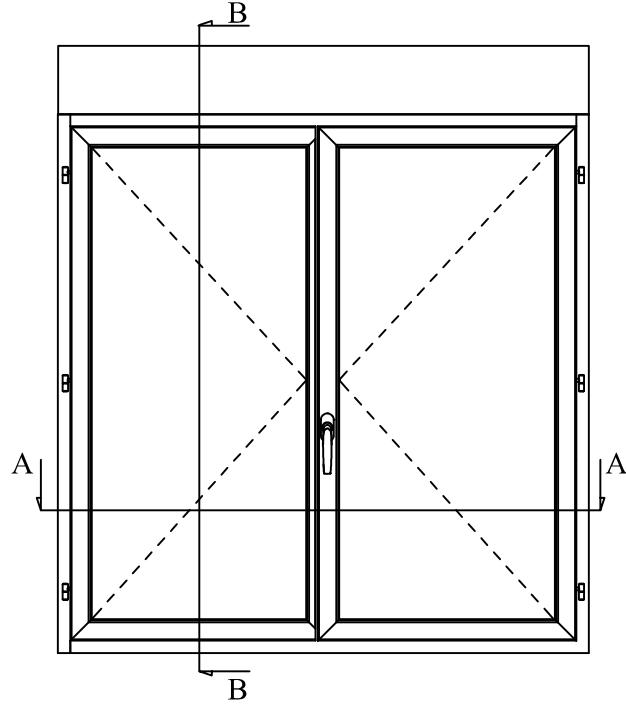
(pose en applique avec isolation)



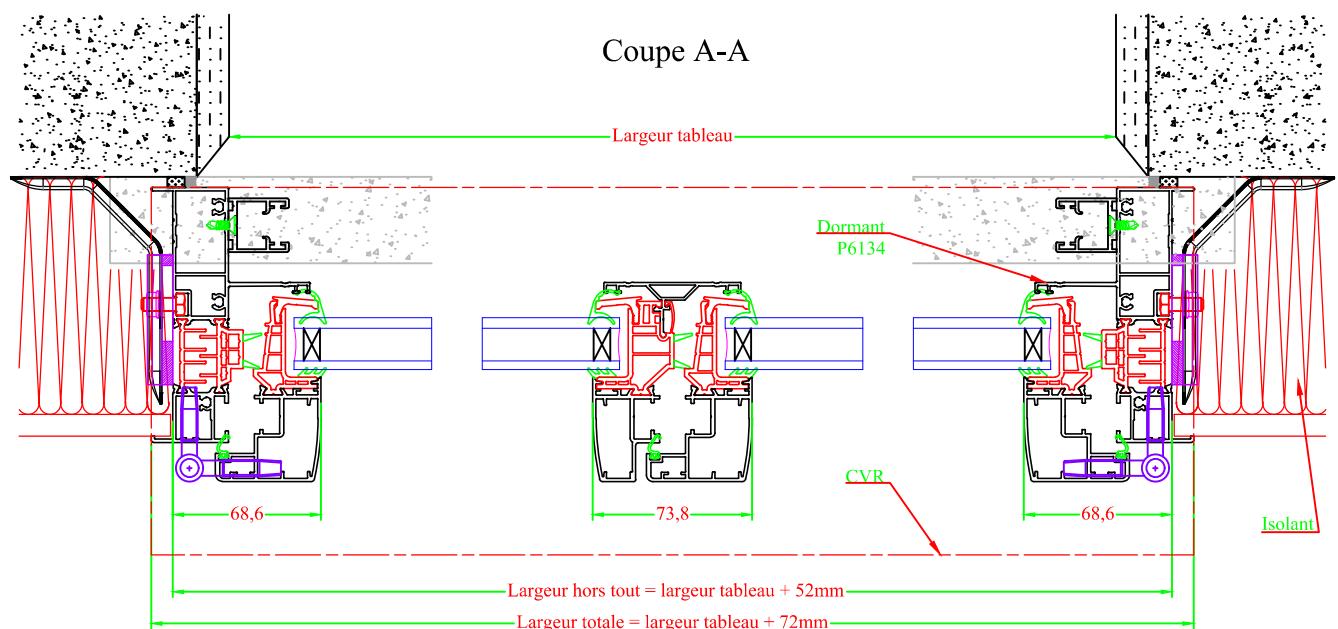
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vtg'4'xcpwcz 'f qto cpv'b qpqdmqe'('éqlt g'xqngv't qwiçpv sans barre de redressement

(pose en applique avec isolation)



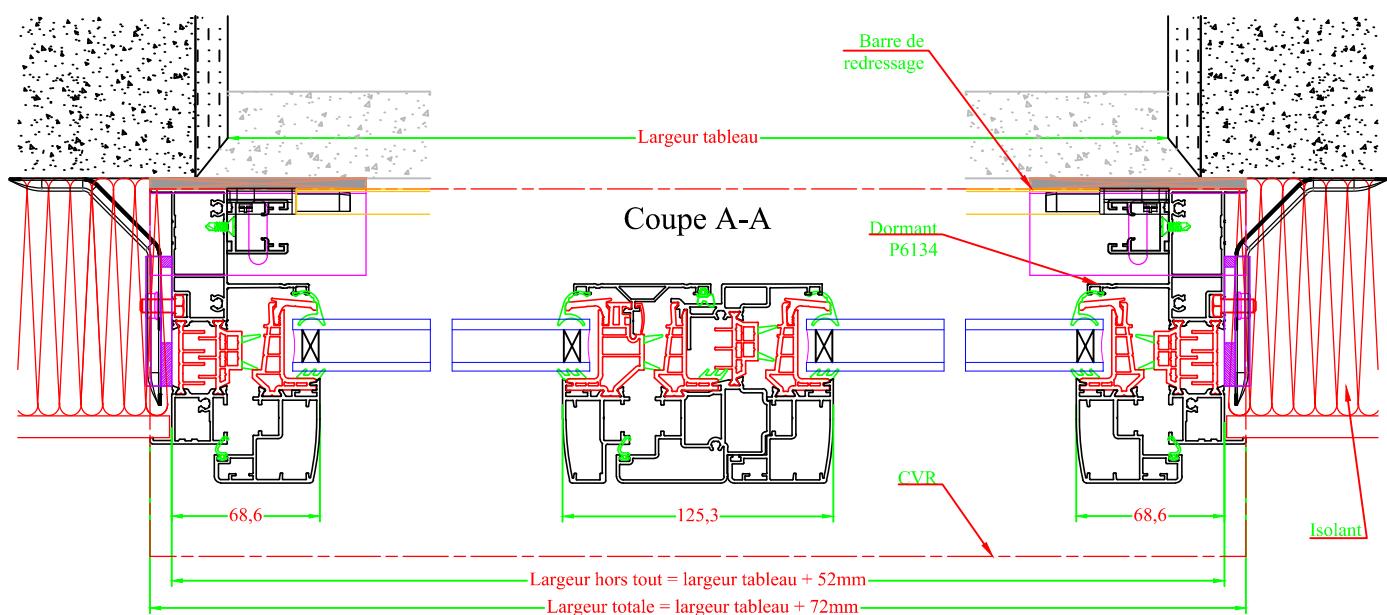
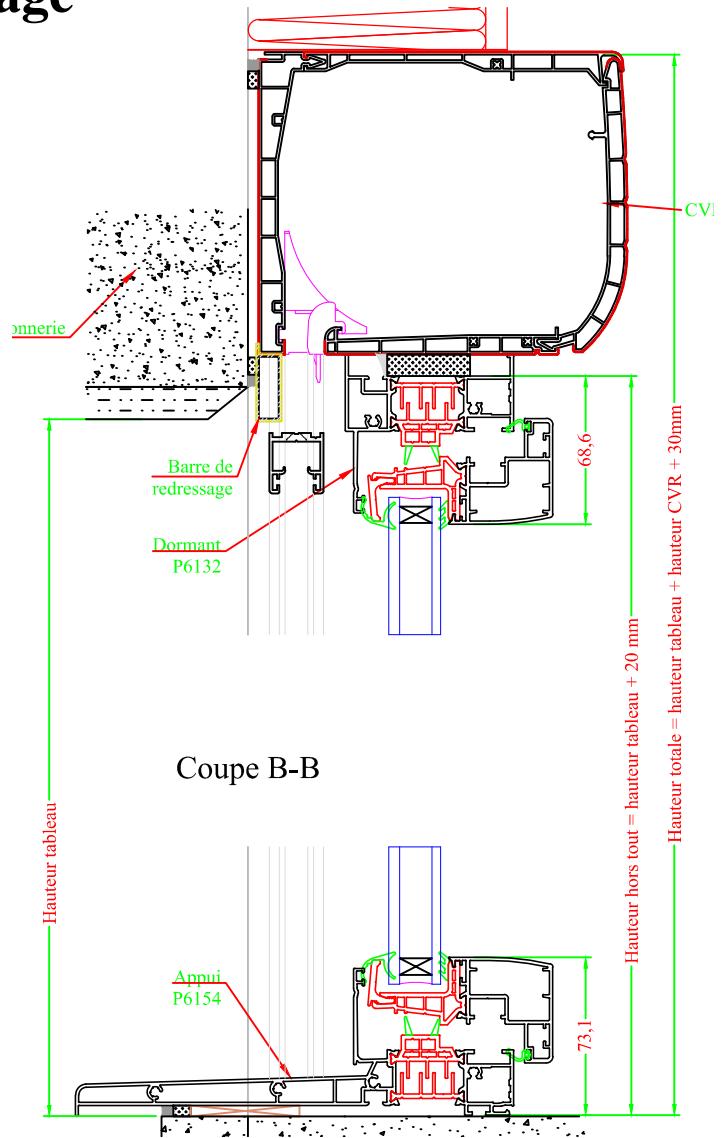
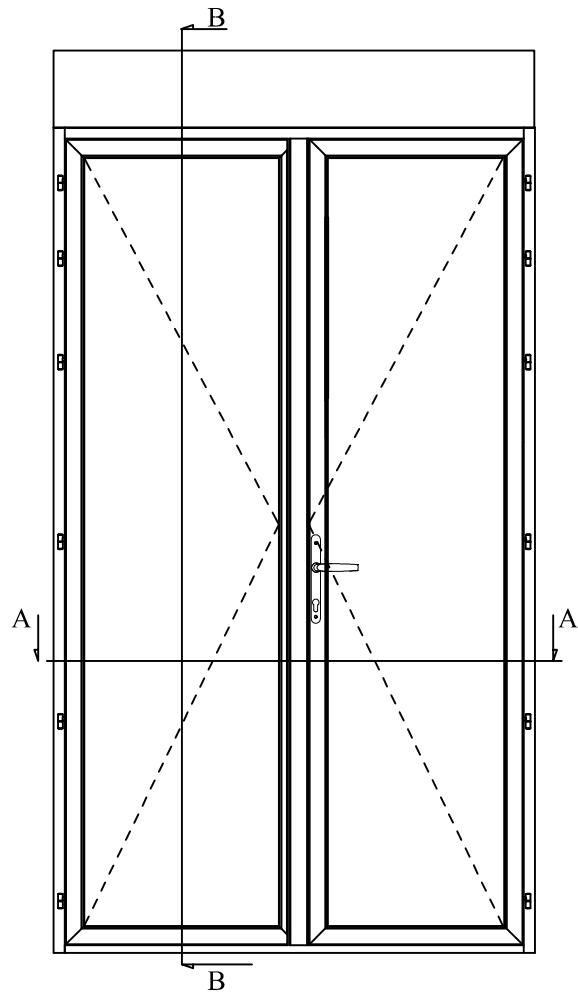
Coupe A-A



PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc & coffre volet roulant avec barre de redressement

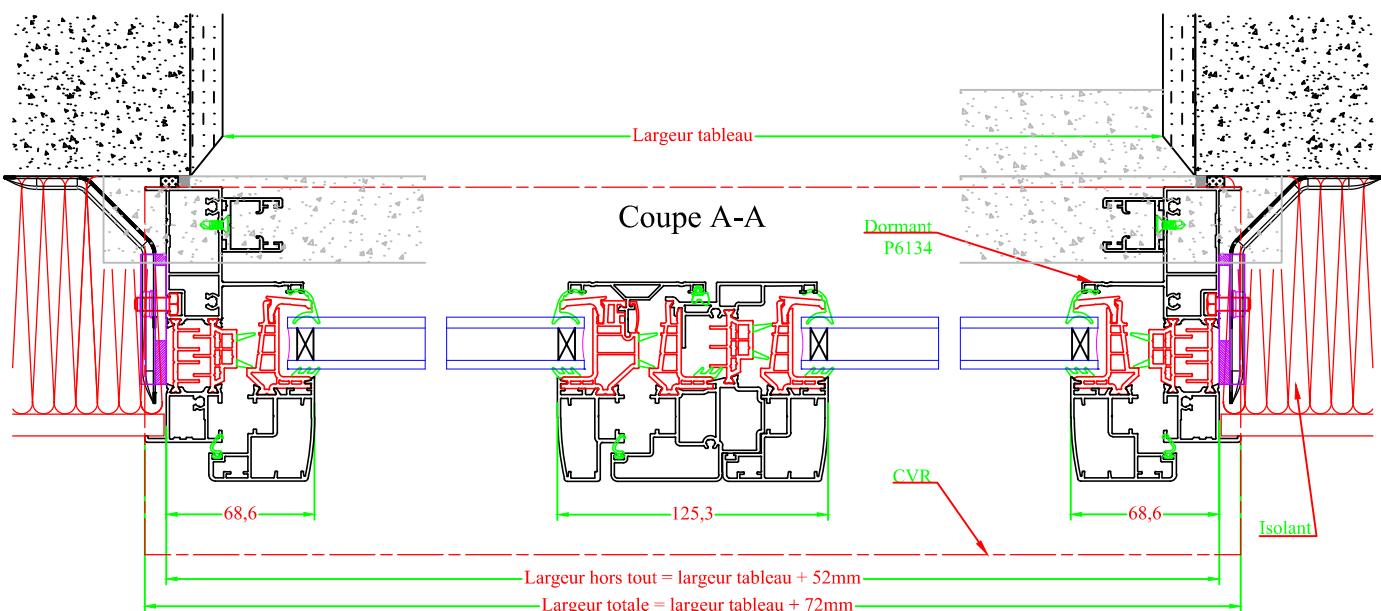
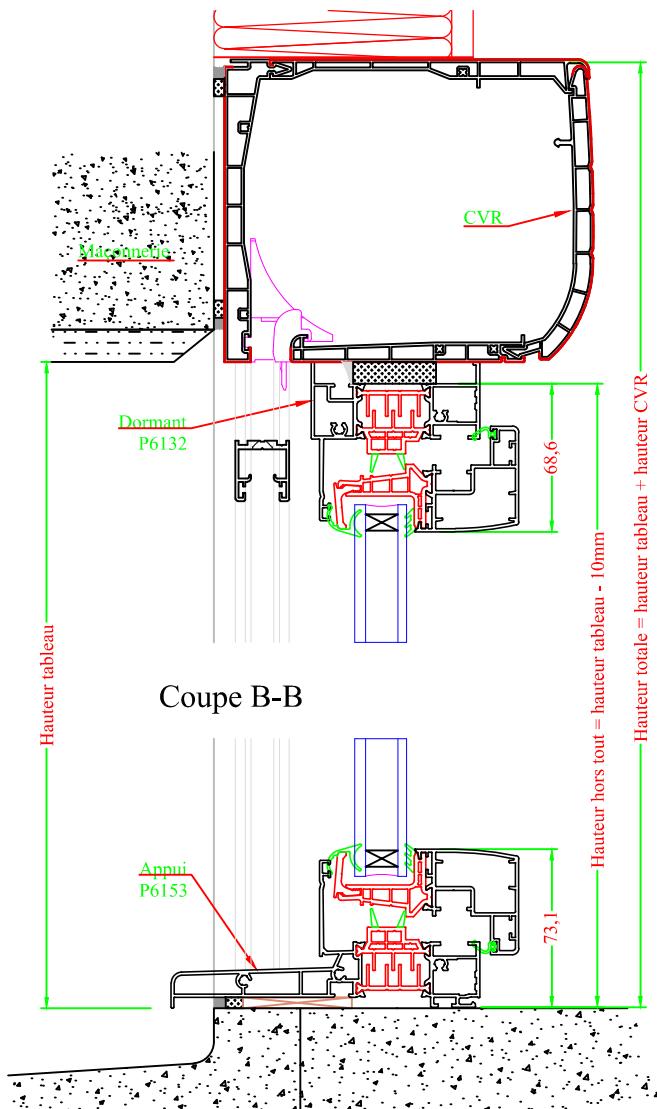
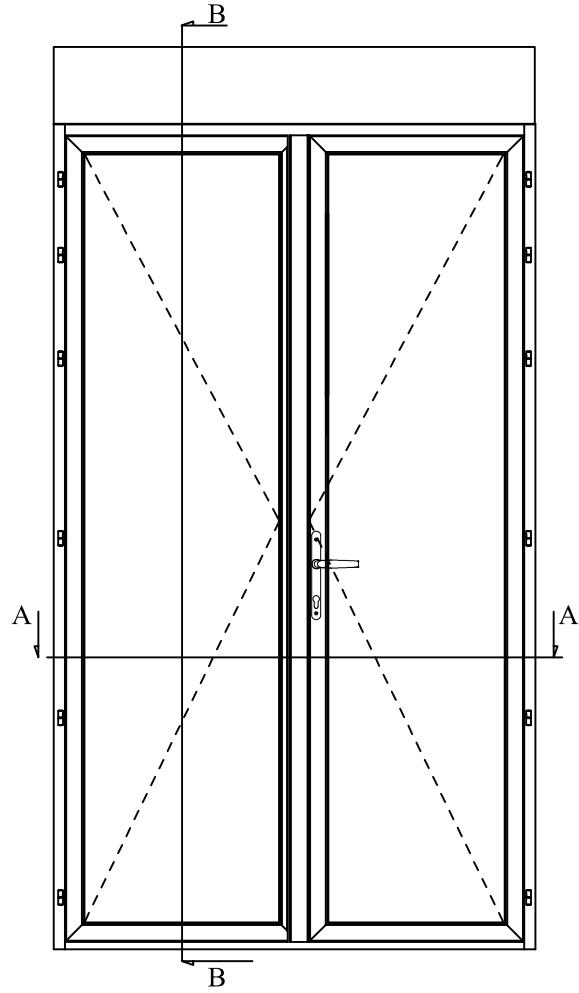
(pose en applique avec isolation)



PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc & coffre volet roulant sans barre de redressement

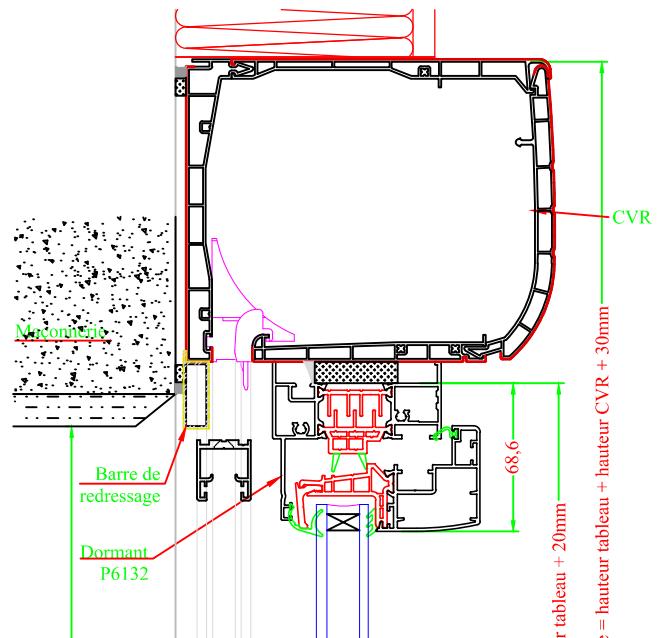
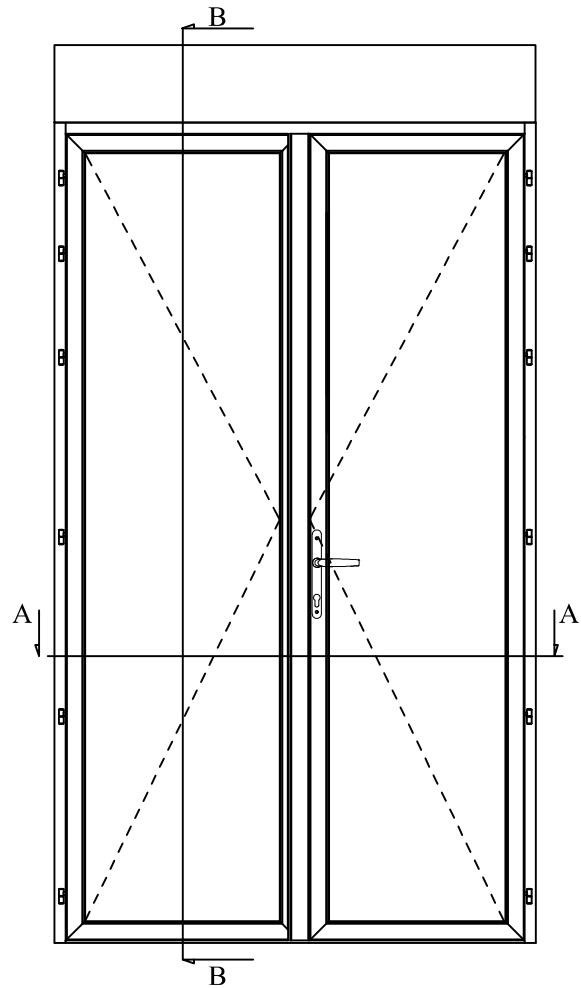
(pose en applique avec isolation)



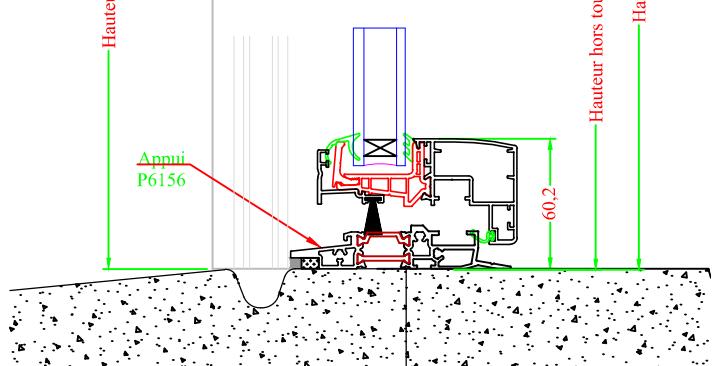
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc avec seuil PMR & coffre volet roulant avec barre de redressement

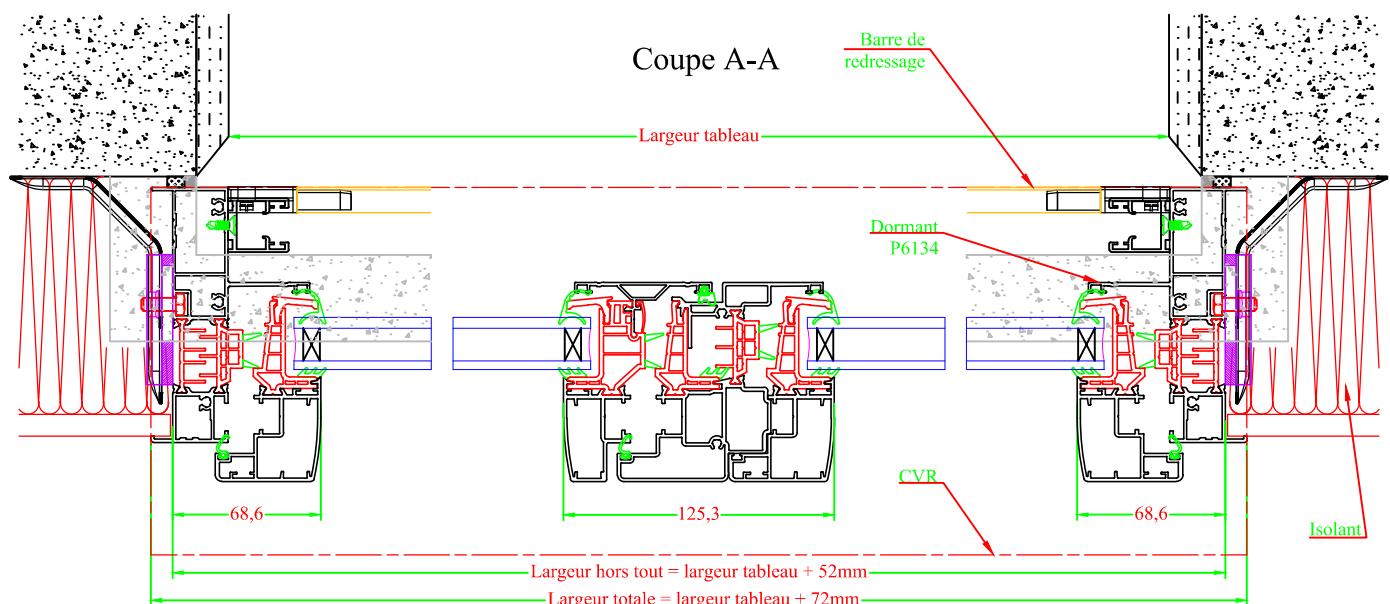
(pose en applique avec isolation)



Coupe B-B



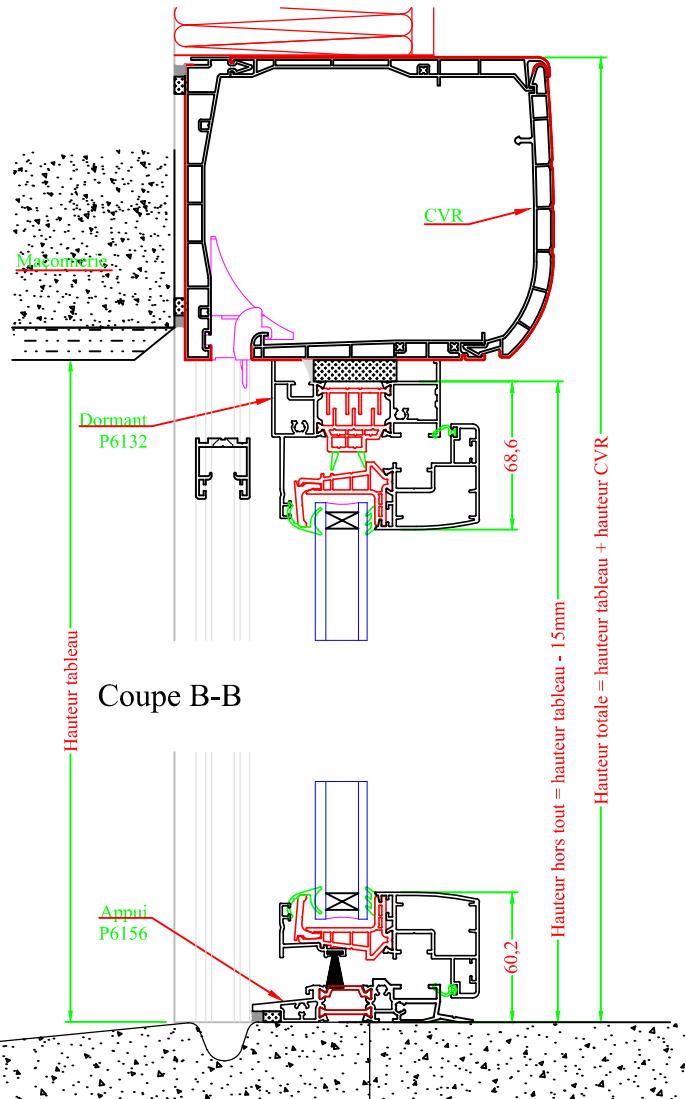
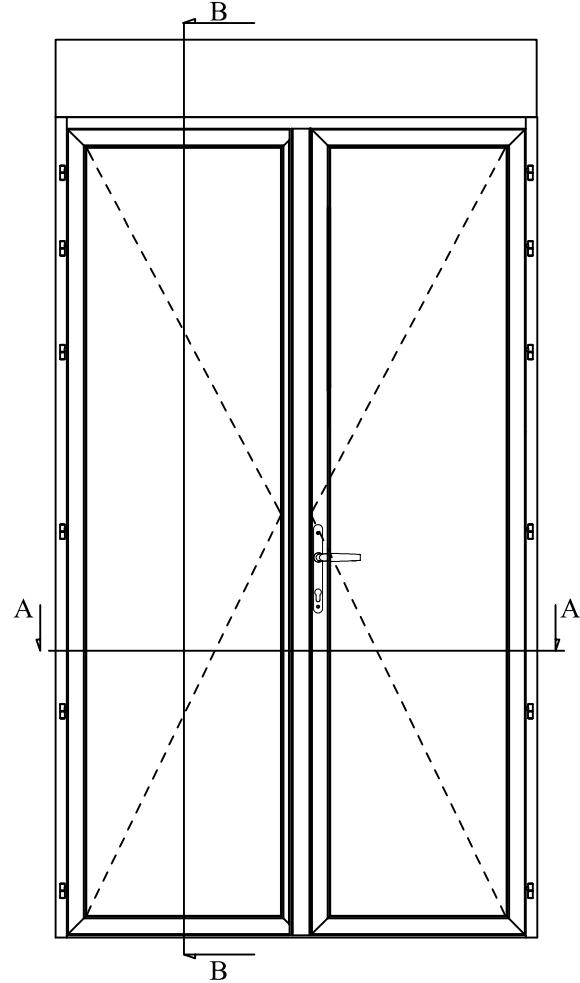
Coupe A-A



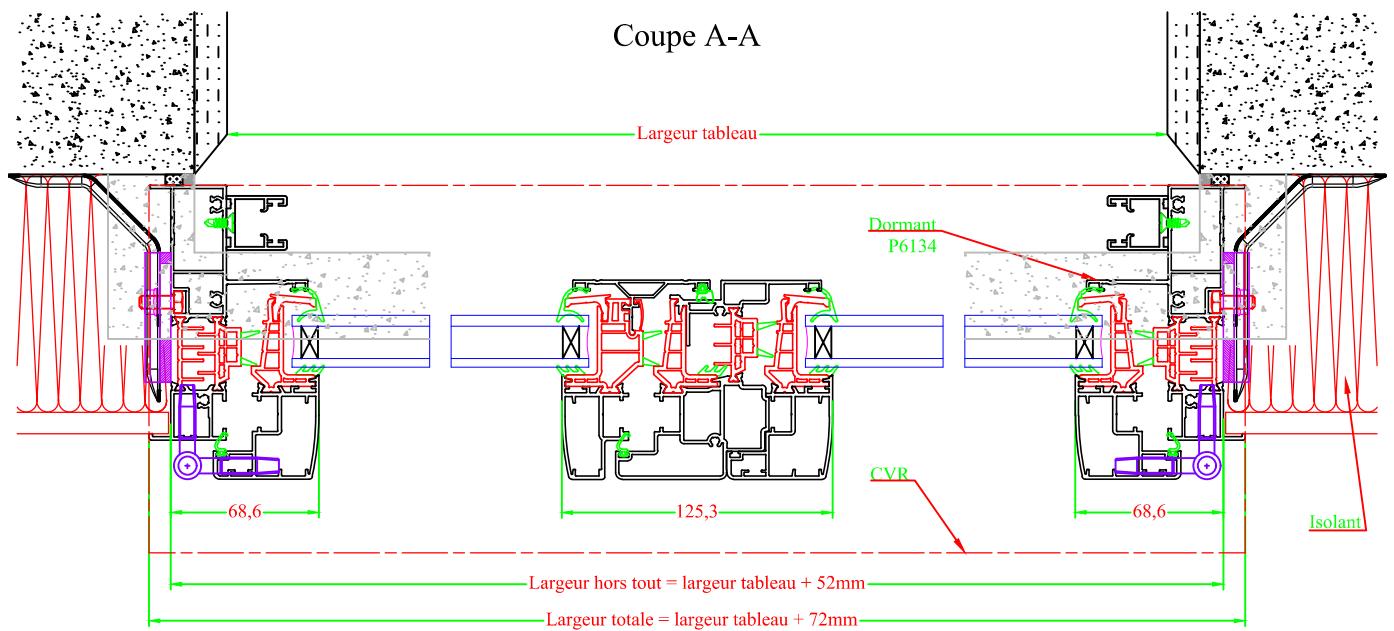
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc avec seuil PMR & coffre volet roulant sans barre de redressement

(pose en applique avec isolation)



Coupé A-A



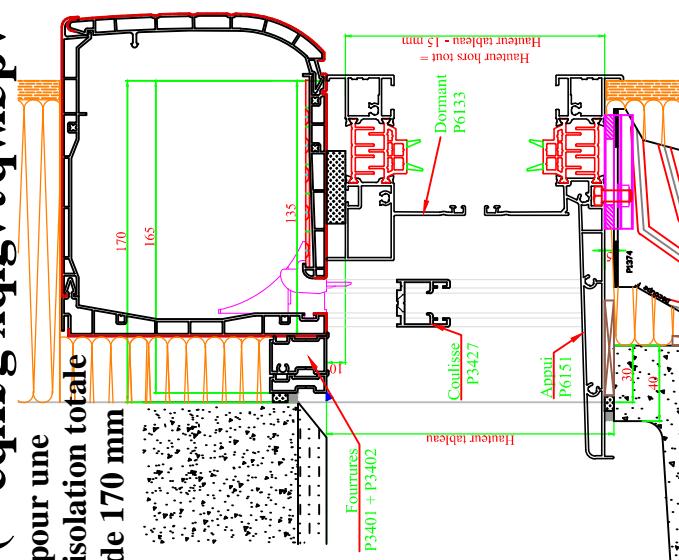
PLAN EN ELEVATION Menuiserie VISUAL

Hgp' w't g'4' xcpw wz' f qto cpv'b qppqdm'e kqne v'kqp' @362' b' e' o')' q'wqg'v't qwicpv

pour une
isolation total
de 150 mm

pour une
isolation de
160 mm

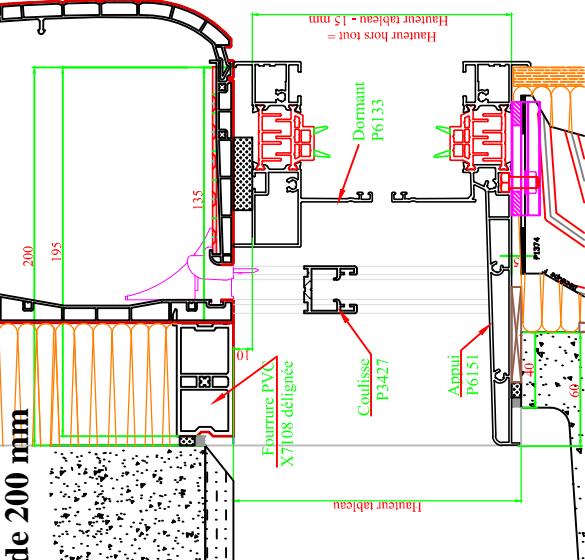
170



pour une
isolation totale
de 180 mm

pour une
isolation totale
de 190 mm

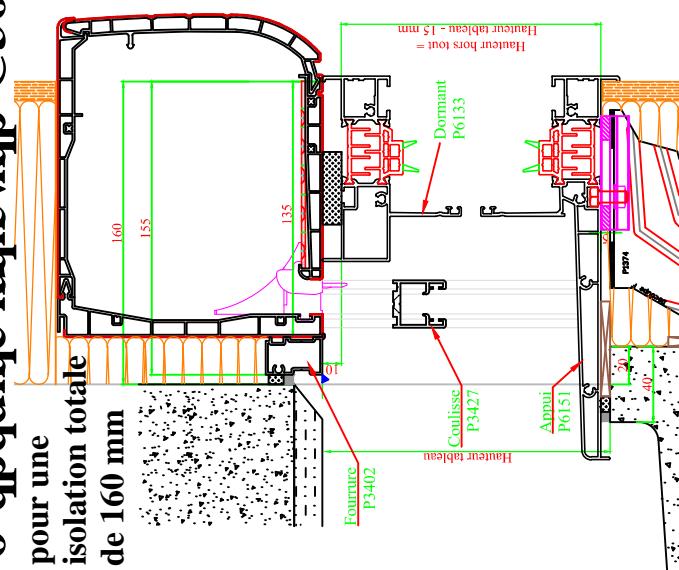
pour une isolation totale de 200 mm



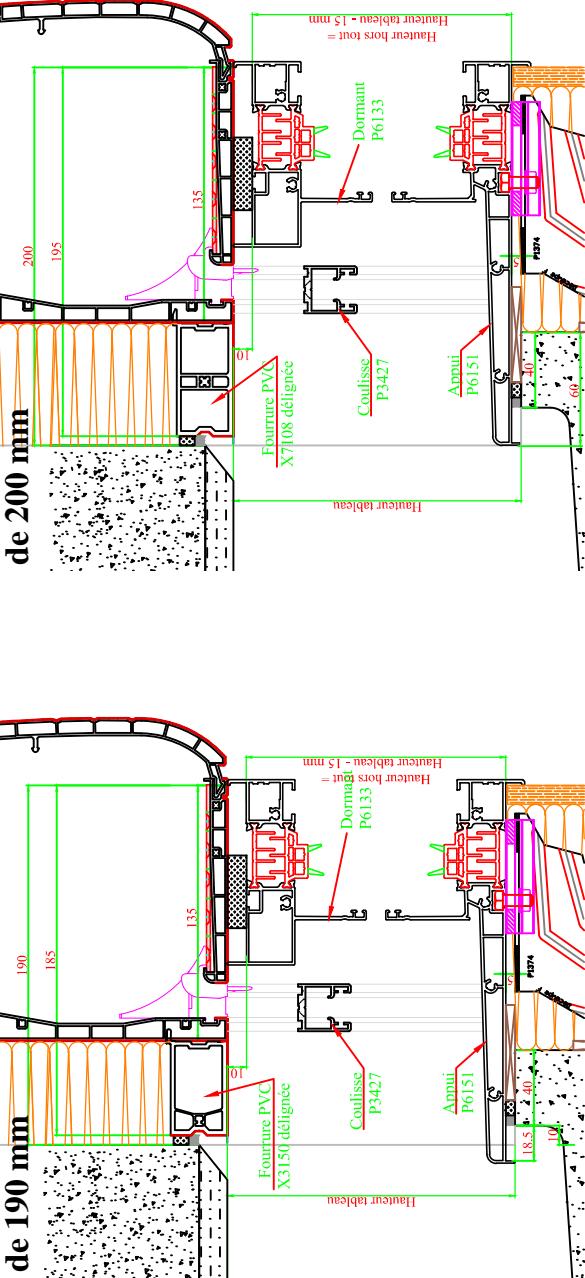
document non contractuel

A diagram illustrating a window frame's cross-section. A red line represents a sealant being applied along the top and side edges of the frame, while a green line indicates the glass pane.

A vertical cross-section diagram of a pipe. The top part is a rectangular frame with a height of 170 indicated by a red vertical line. Inside this frame, there is a smaller rectangular opening with a width of 100 indicated by a green vertical line.



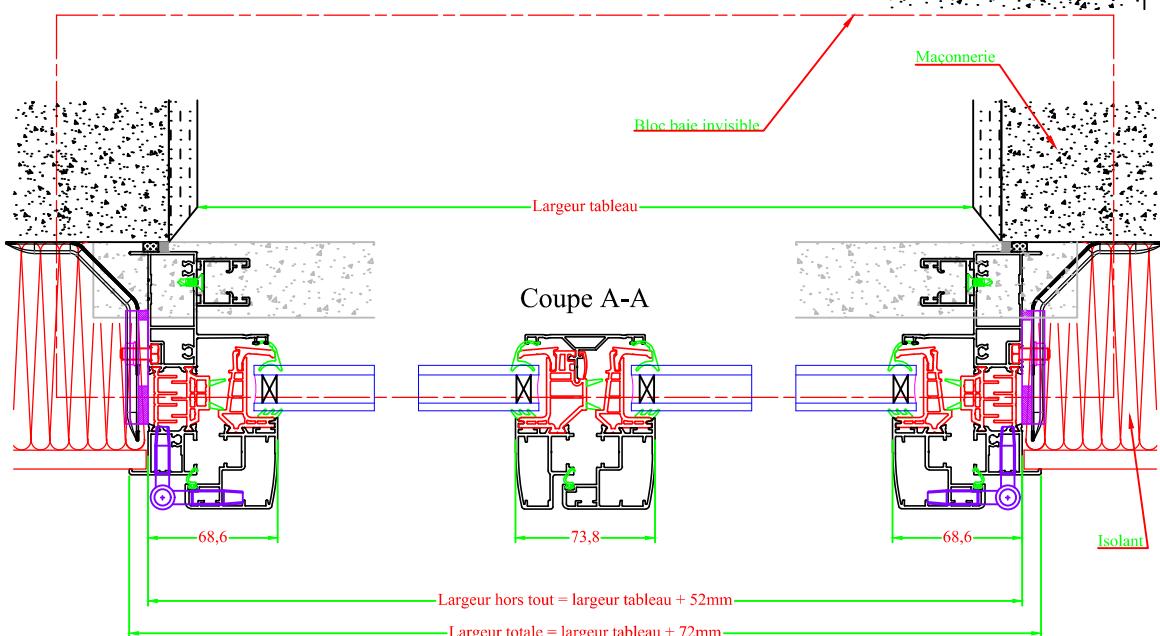
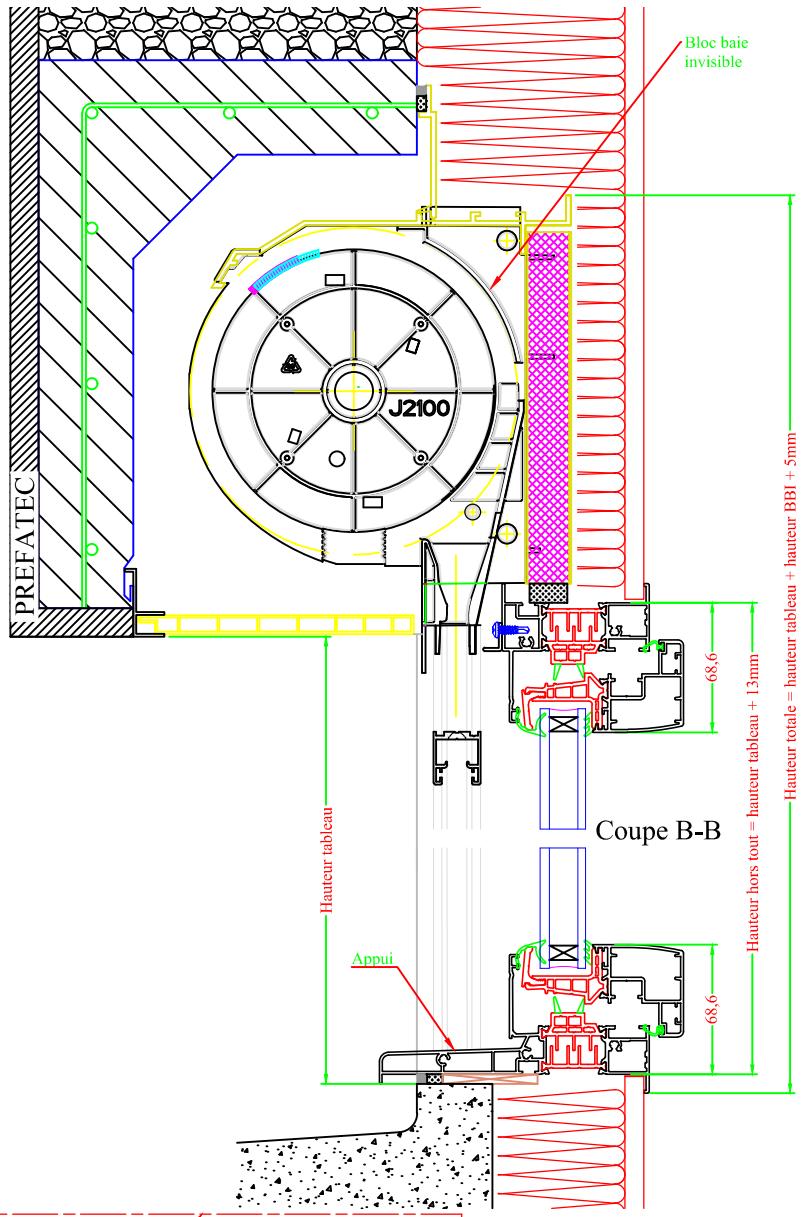
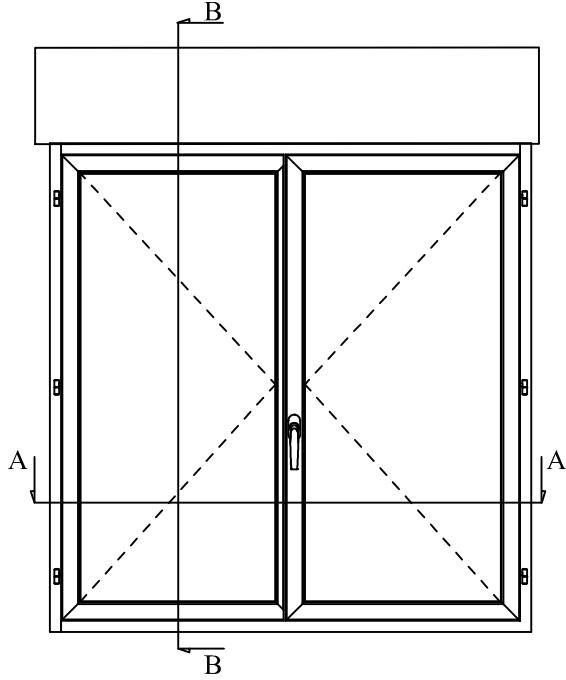
pour une isolation totale de 180 mm



PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpvwz'f qto cpv'b qpqdmqe'('DDK

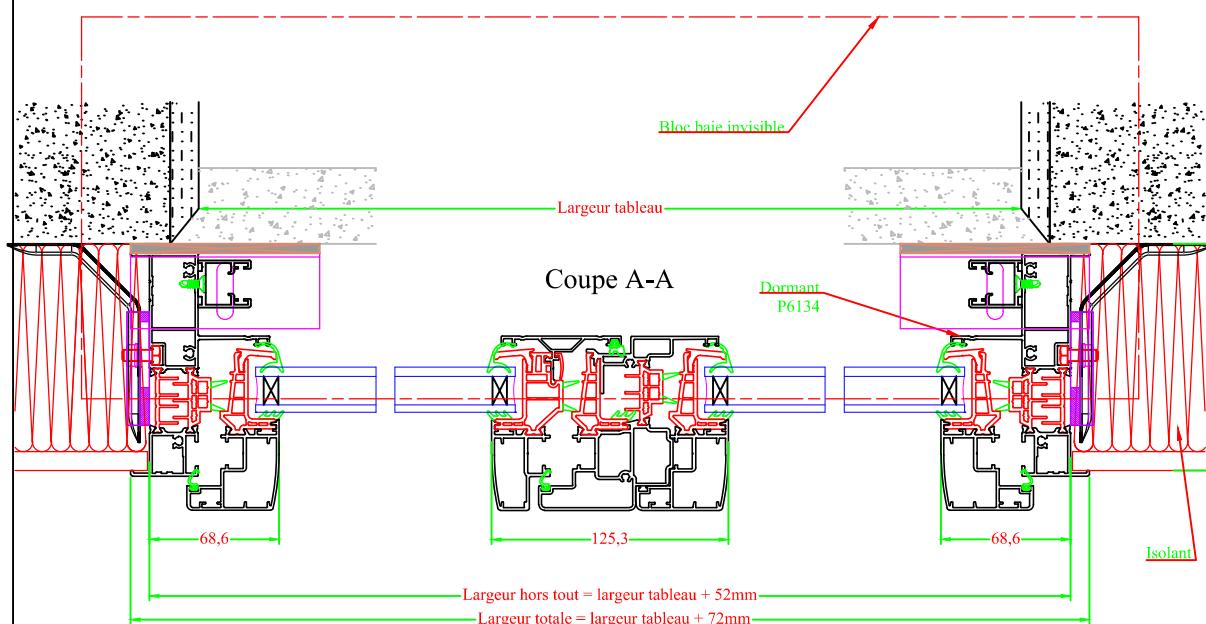
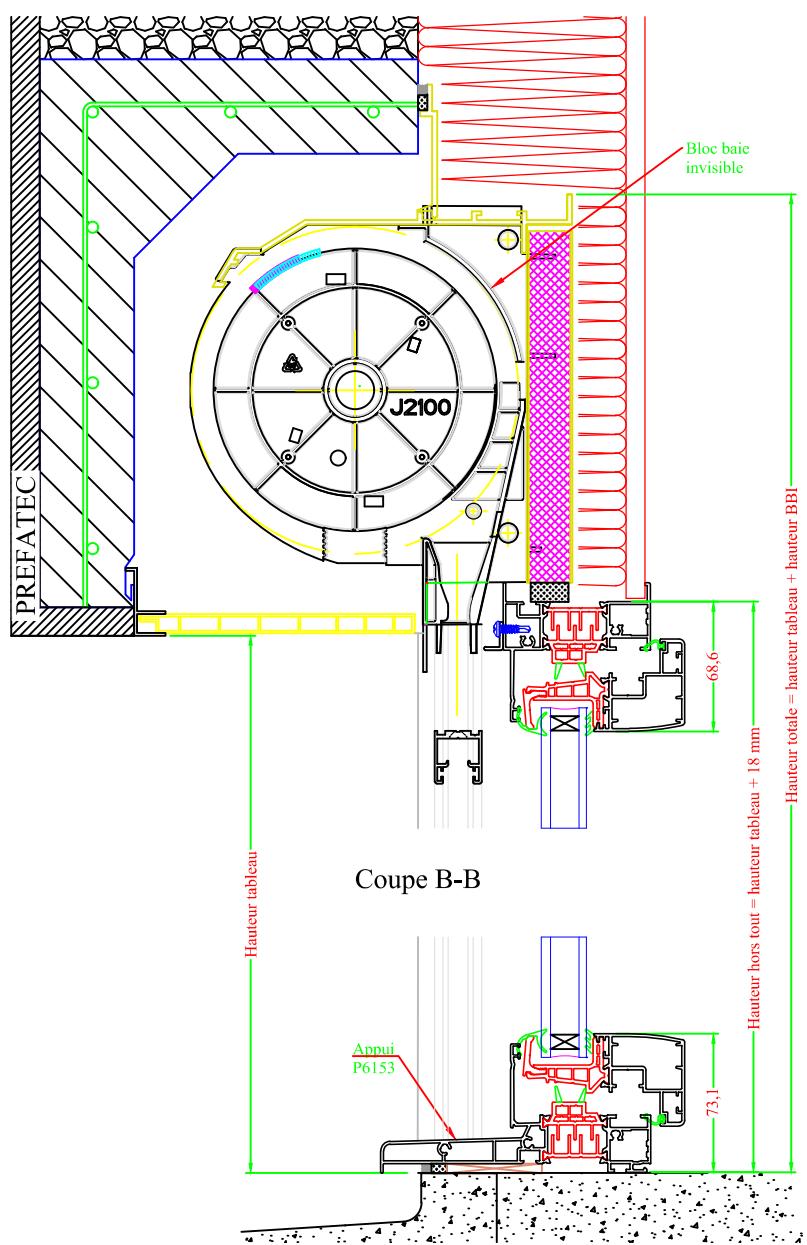
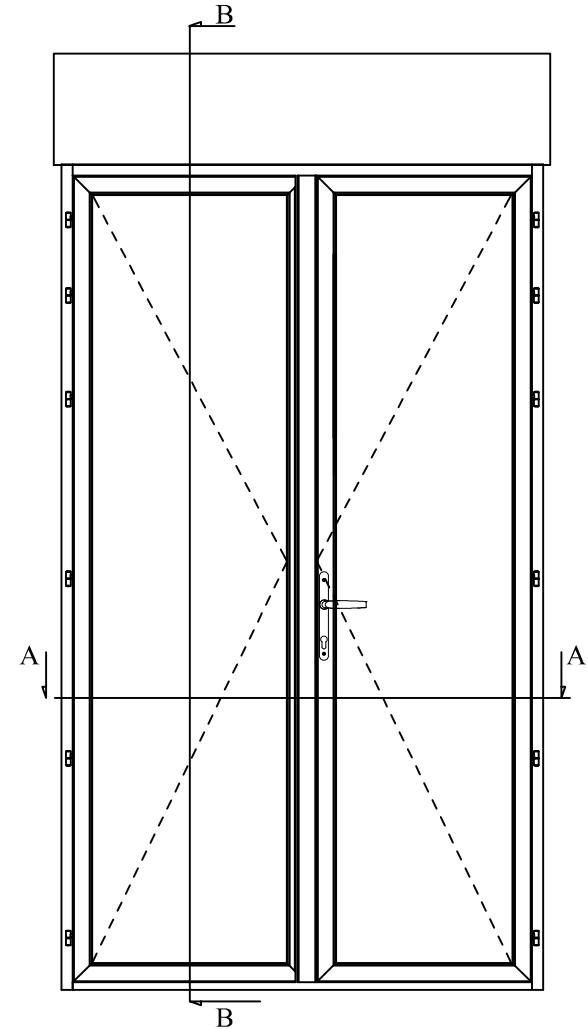
(pose en applique avec isolation)



PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc & BBI

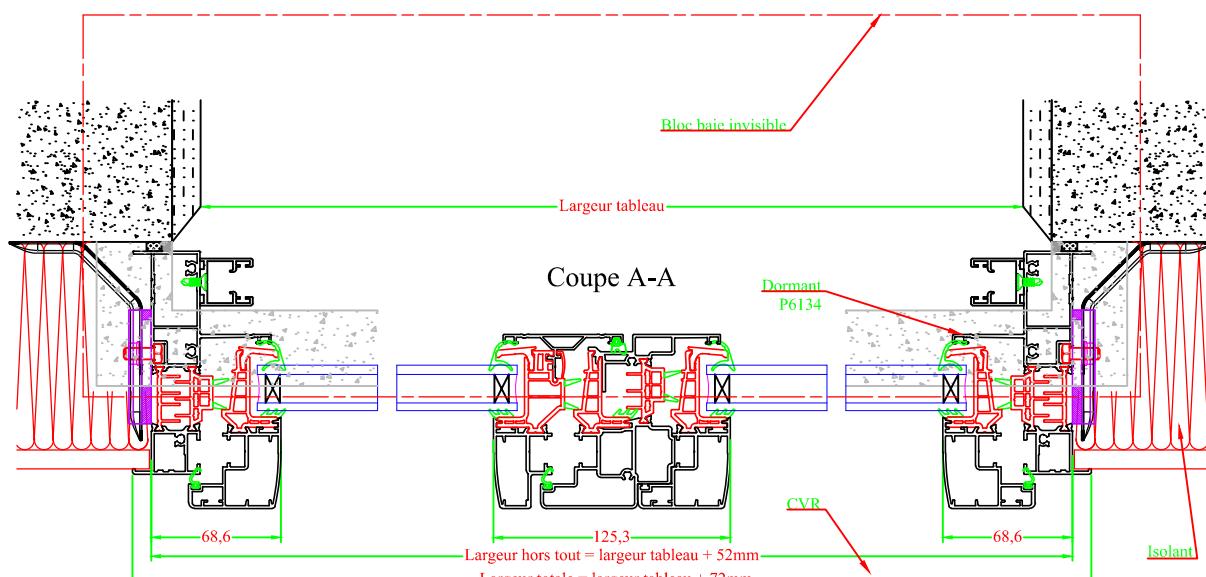
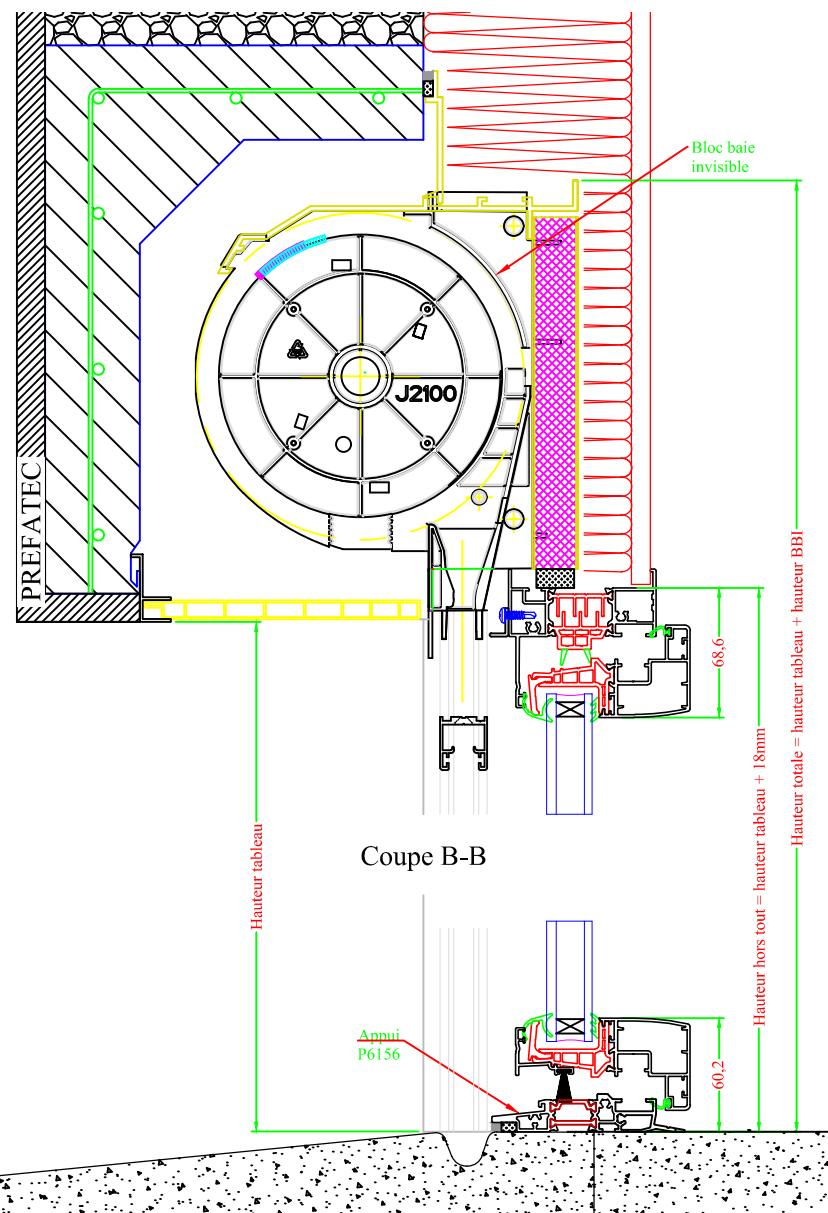
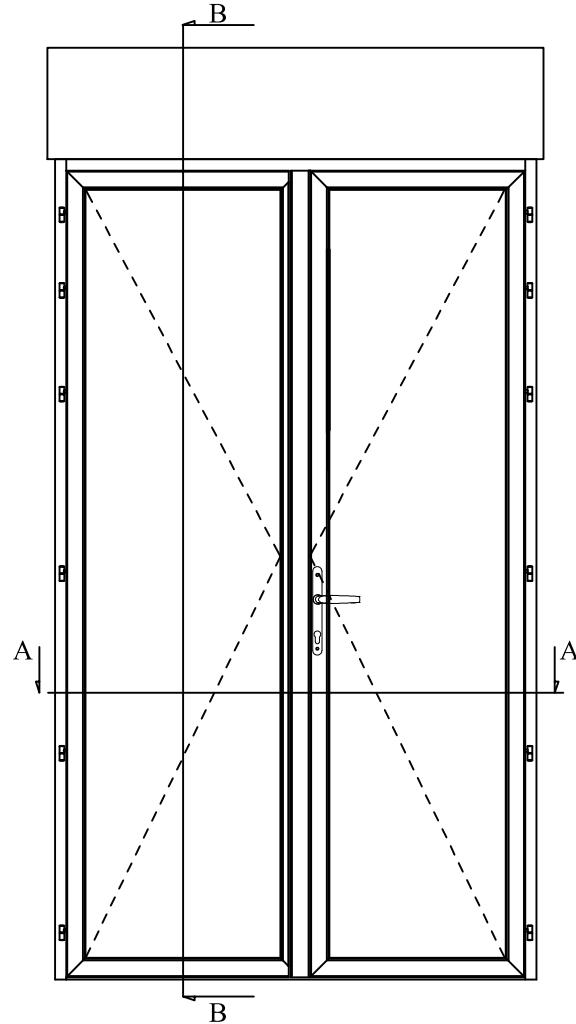
(pose en applique avec isolation)



PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon 2 vantaux dormant monobloc seuil PMR & BBI

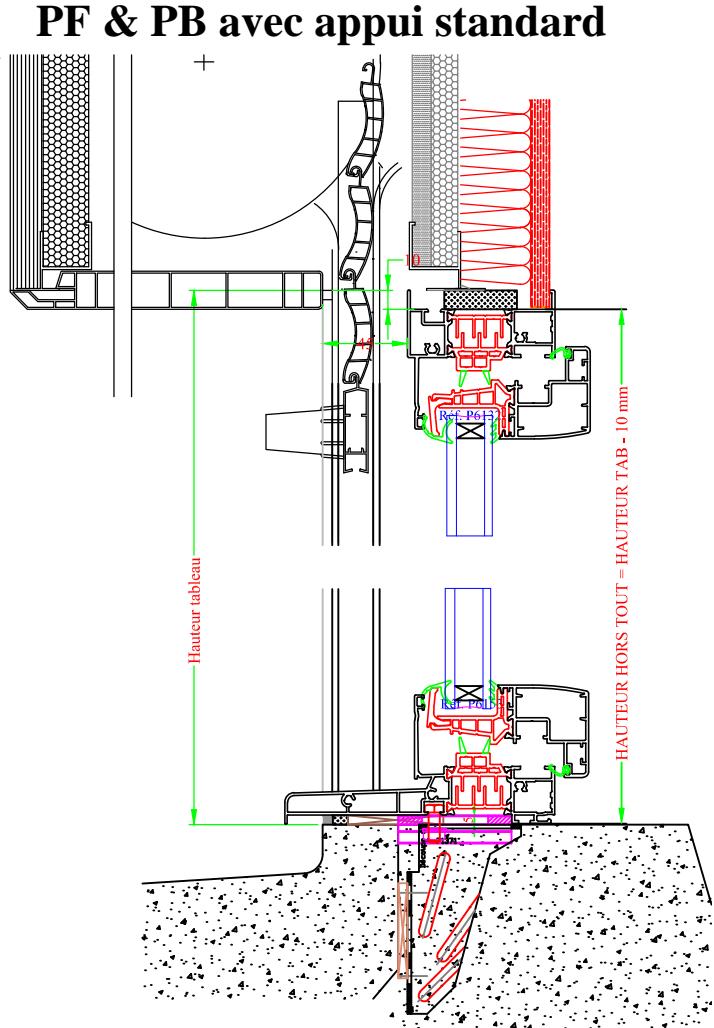
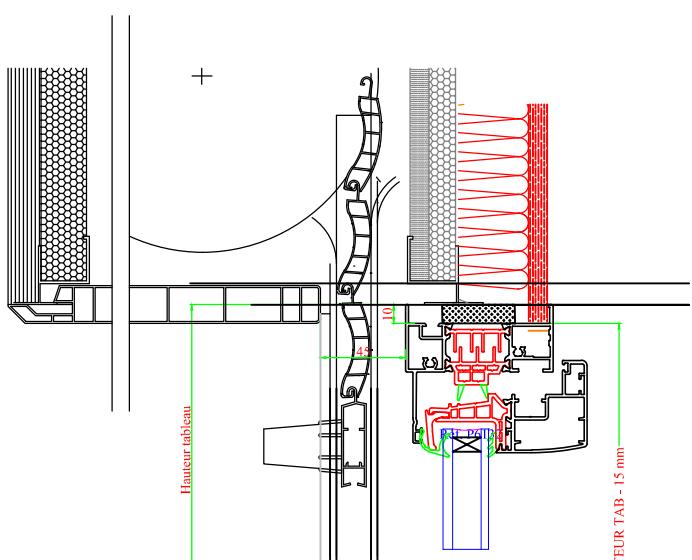
(pose en applique avec isolation)



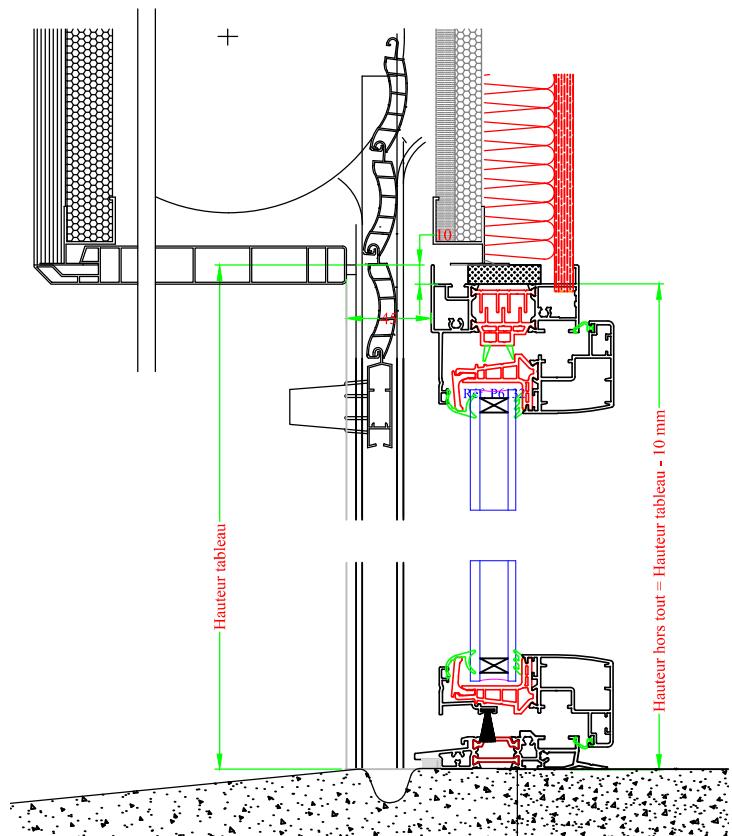
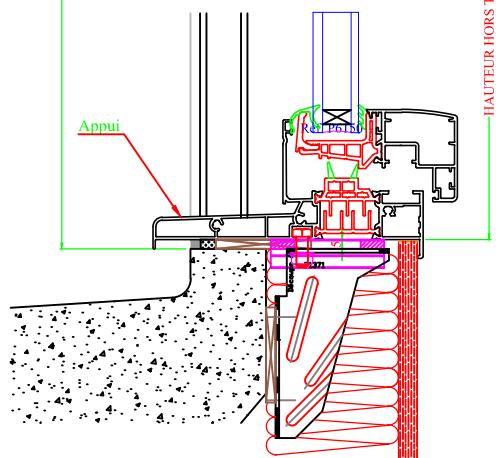
PLAN EN ELEVATION Menuiserie VISUAL

Menuiserie dormant monobloc PF & PB avec appui standard pose sous coffre tunnel (pose en applique avec isolation)

Hgp' vtg

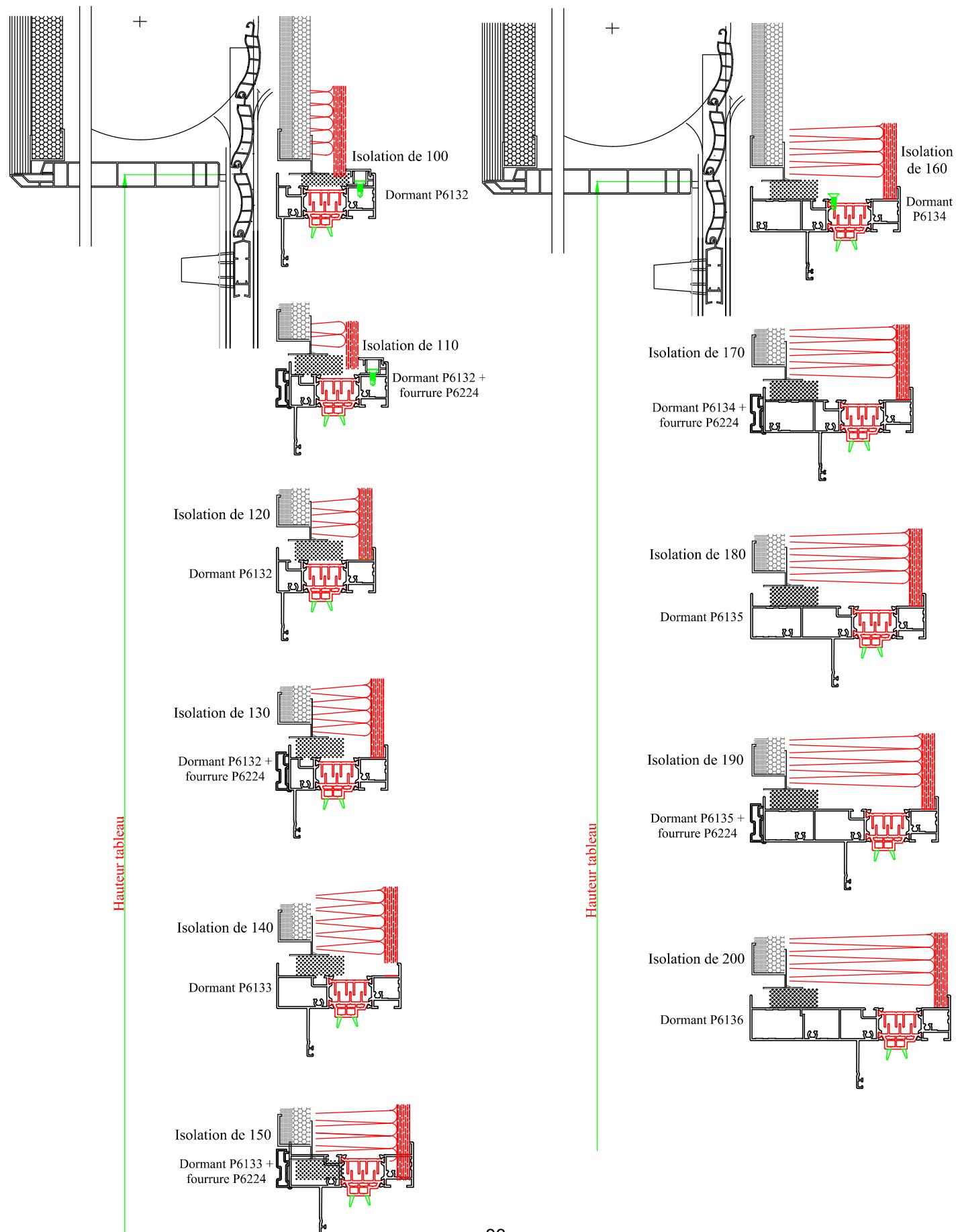


PF & PB avec seuil PMR



PLAN EN ELEVATION Menuiserie VISUAL

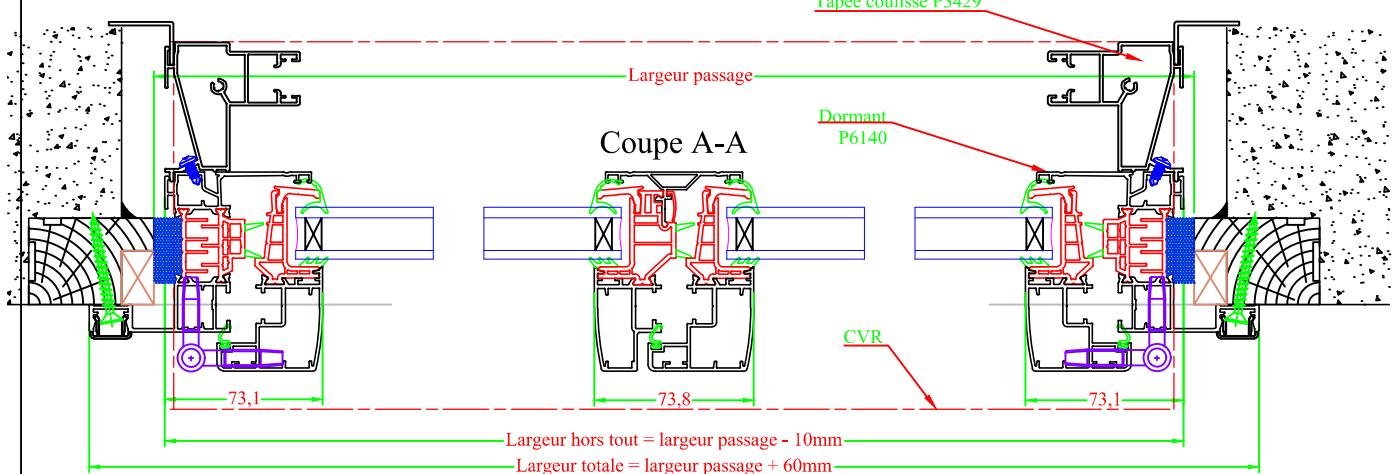
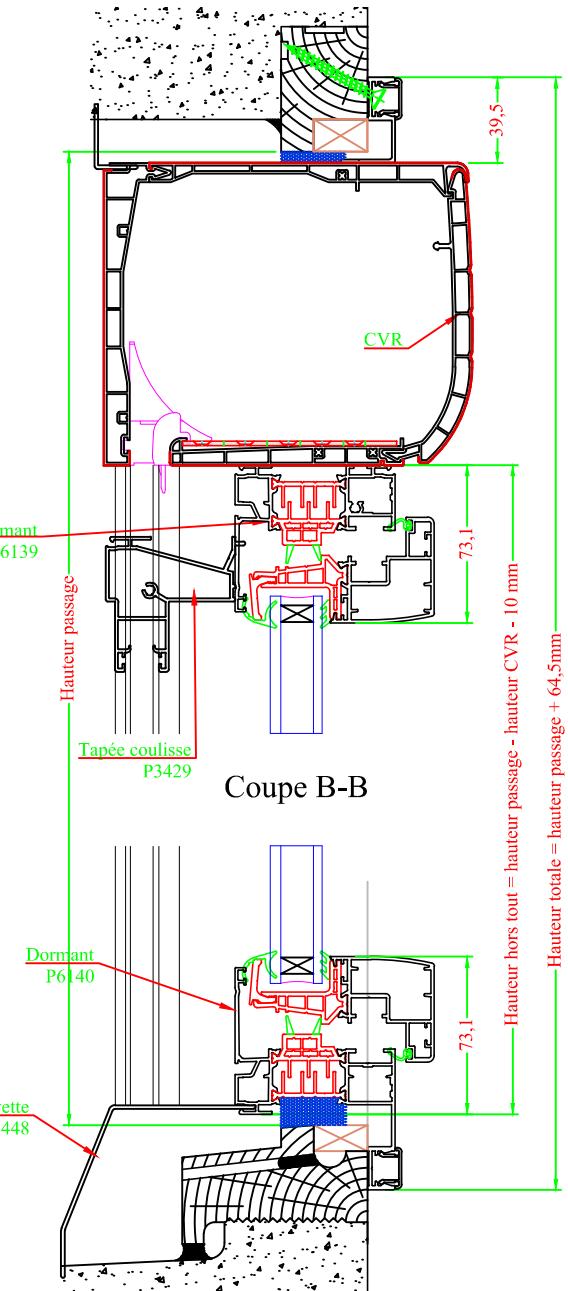
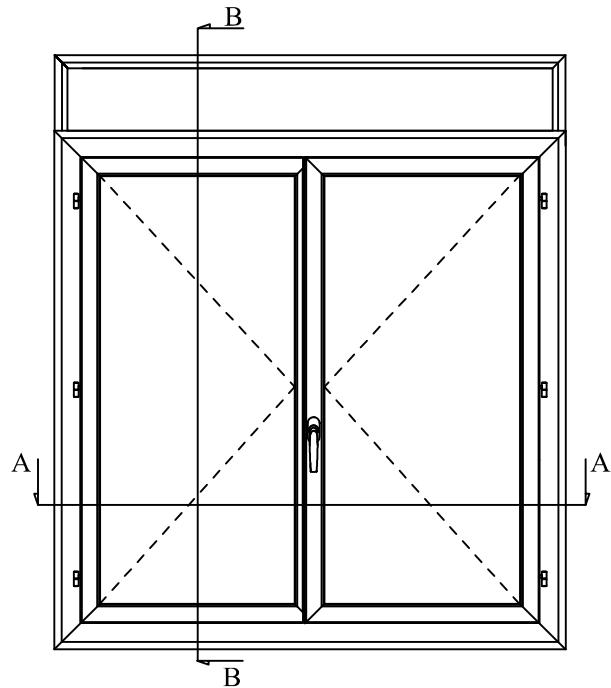
Traverse haute pour dormant monobloc avec pose sous coffre tunnel (pose en applique avec isolation)



PLAN EN ELEVATION Menuiserie VISUAL

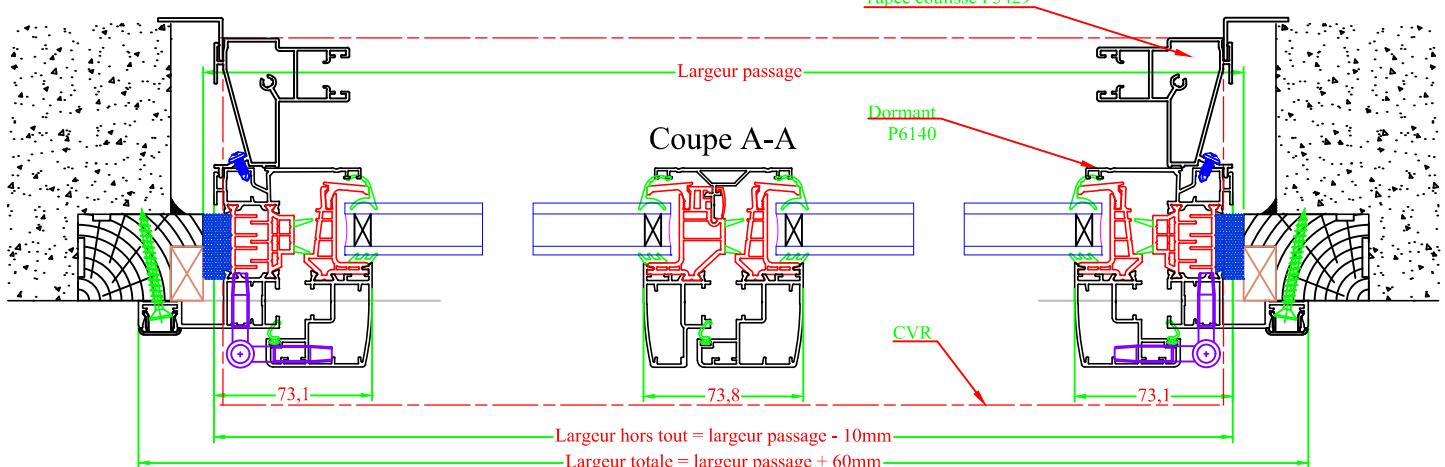
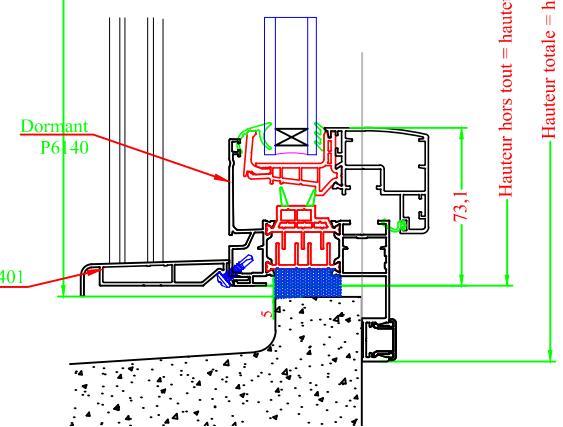
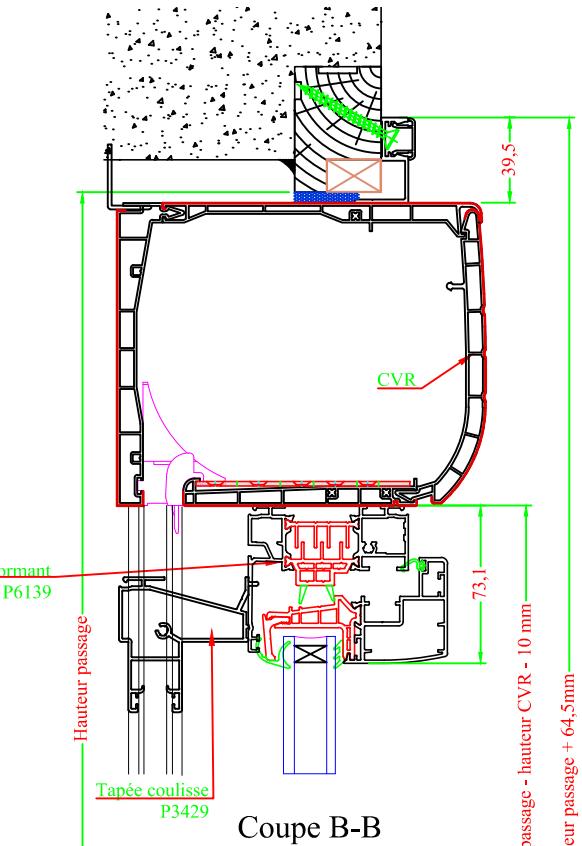
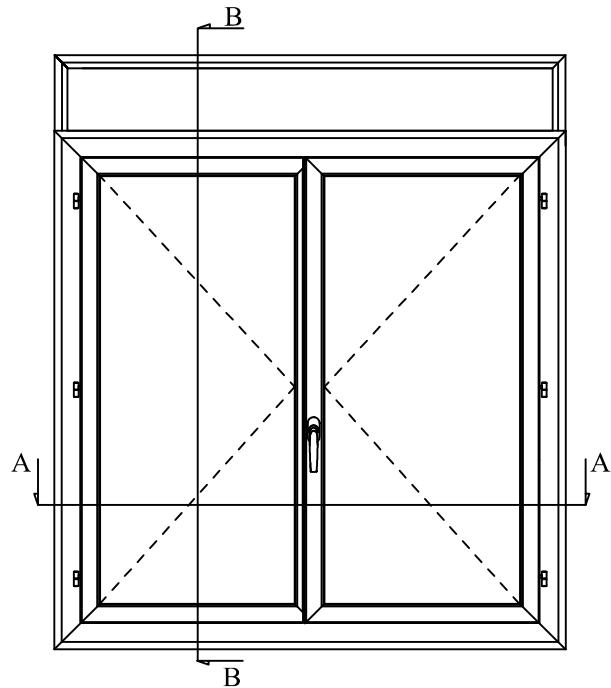
Hgp' vt g'4'xcpvwz 'f qto cpv't² pqxcvlp'ckg'f g'57'o o "(
coffre volet roulant

*rqu'gp't² pqxcvlp'lw t'd-wk'gzkmcpv+



PLAN EN ELEVATION Menuiserie VISUAL

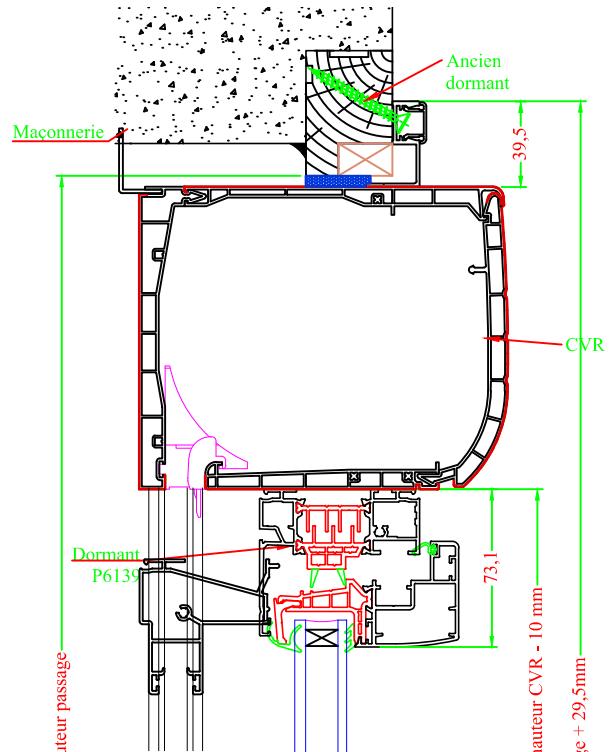
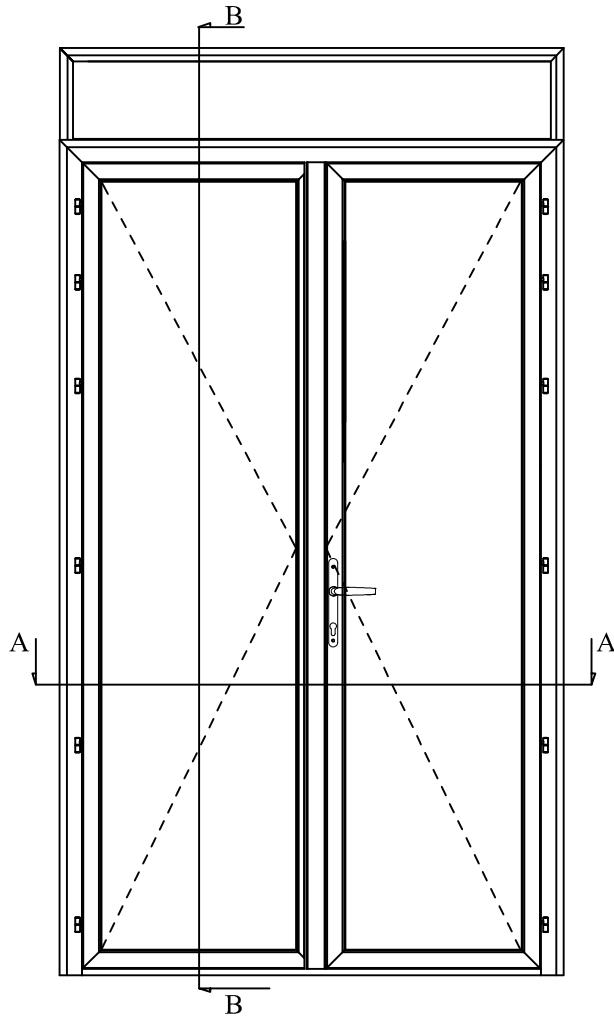
Hgp' vt g'4'xcpvwz 'f qto cpv't² pqxcvqp'ckg'f g'57'o " cr r wk² nti k'('eqht g'xqngv't qwcpv *r quq'gp't² pqxcvqp'lw 'd-wk'gzkmcpv+



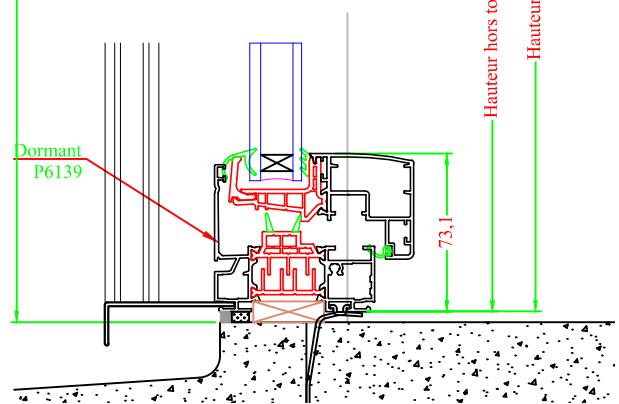
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz'f qt o cpvt² pqxcv kq p'ckg'f g
35 mm & coffre volet roulant

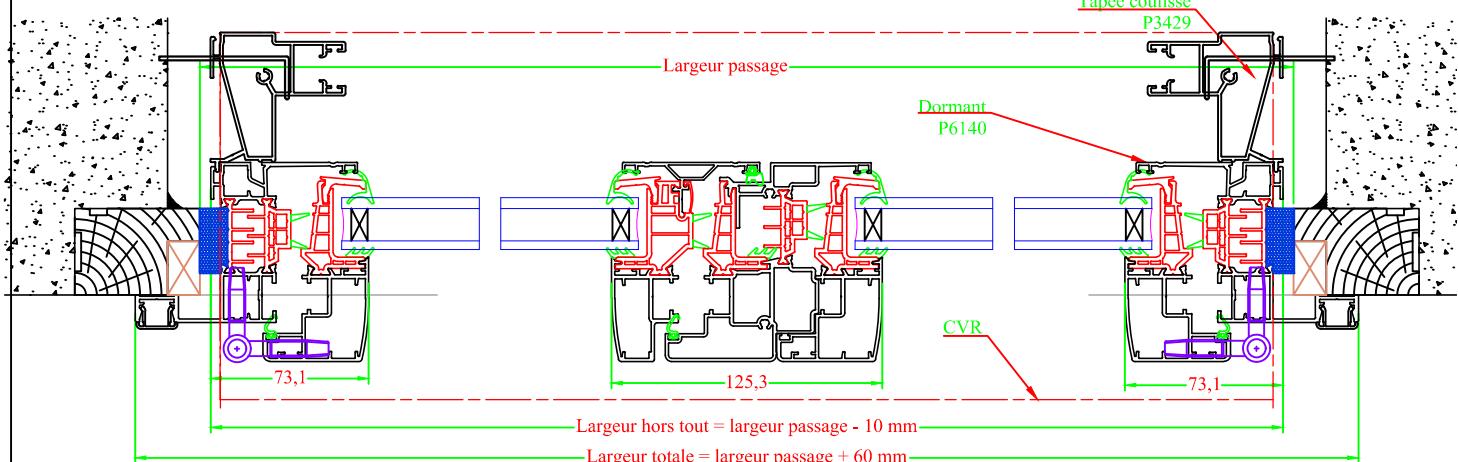
*r qug'gp't² pqxcv kq p'lt 'd-wk'gzkmcpv+



Coupe B-B

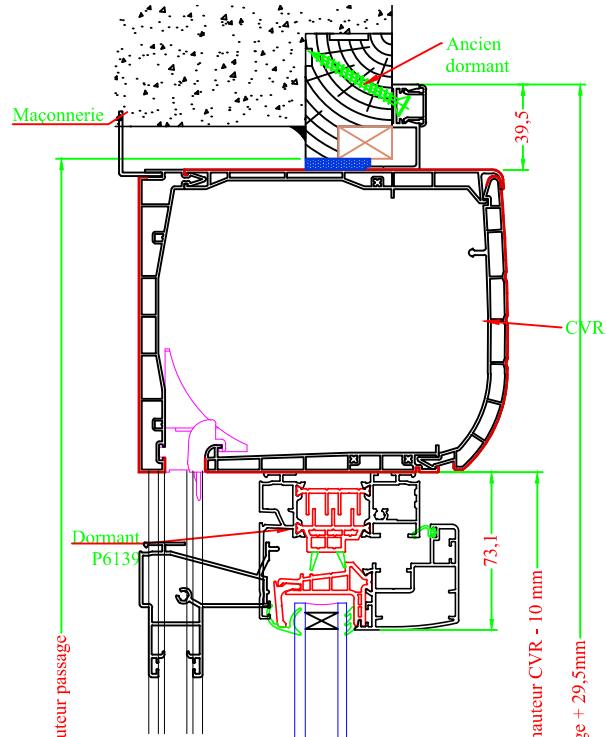
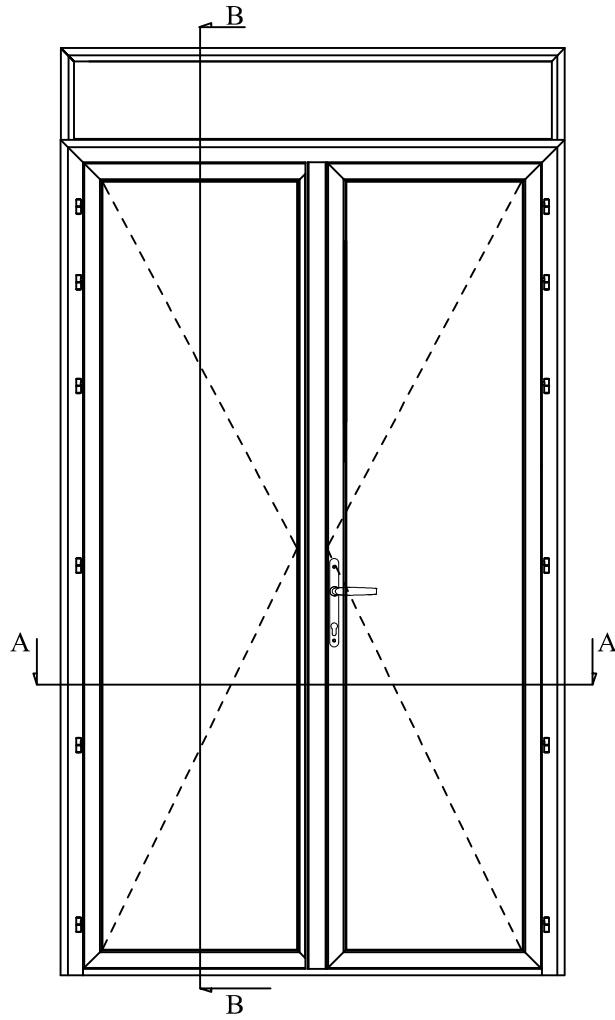


Coupe A-A

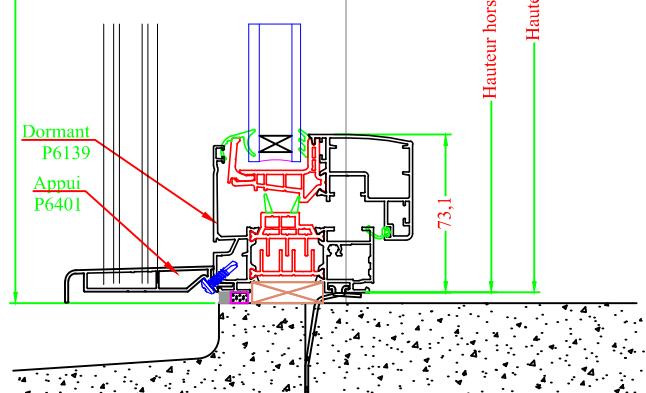


PLAN EN ELEVATION Menuiserie VISUAL

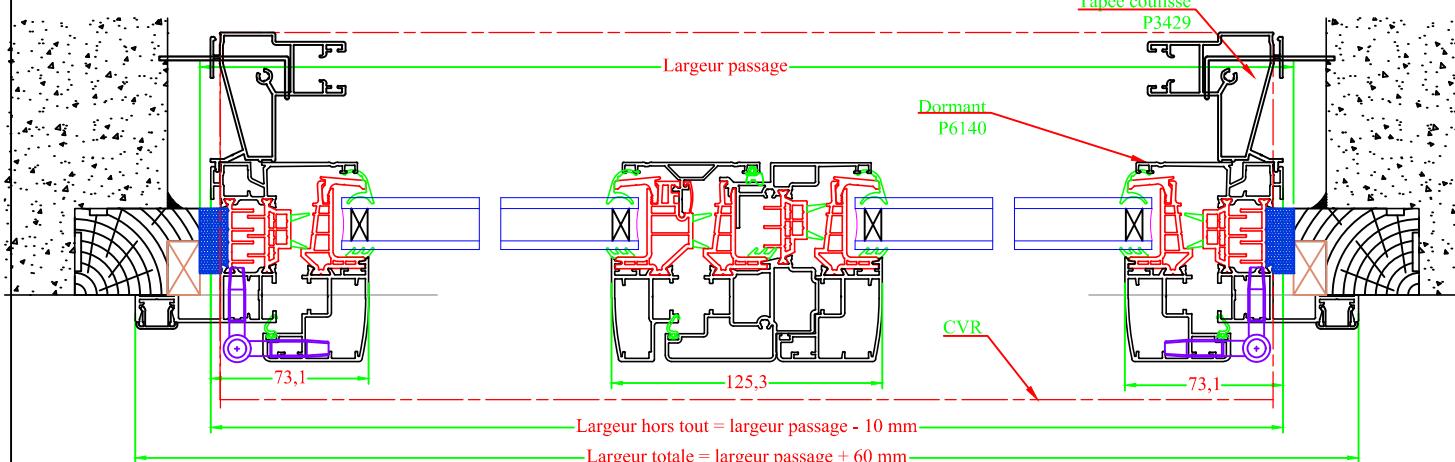
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Coupe B-B



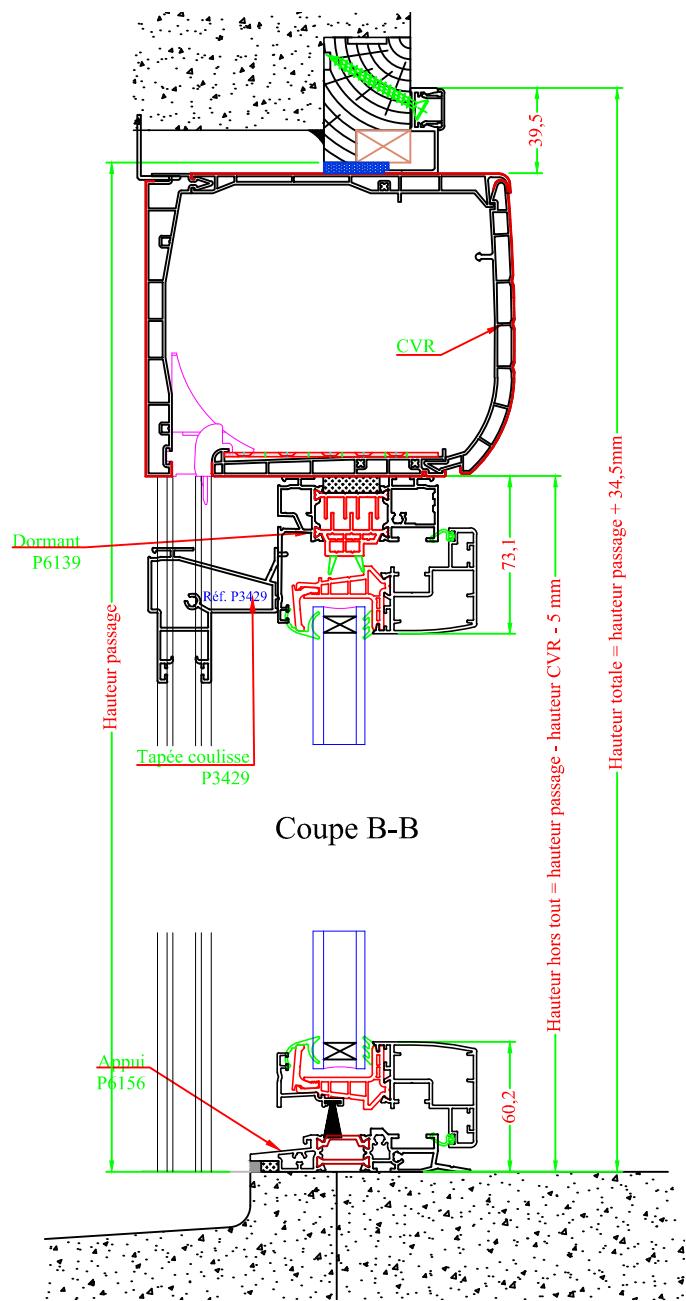
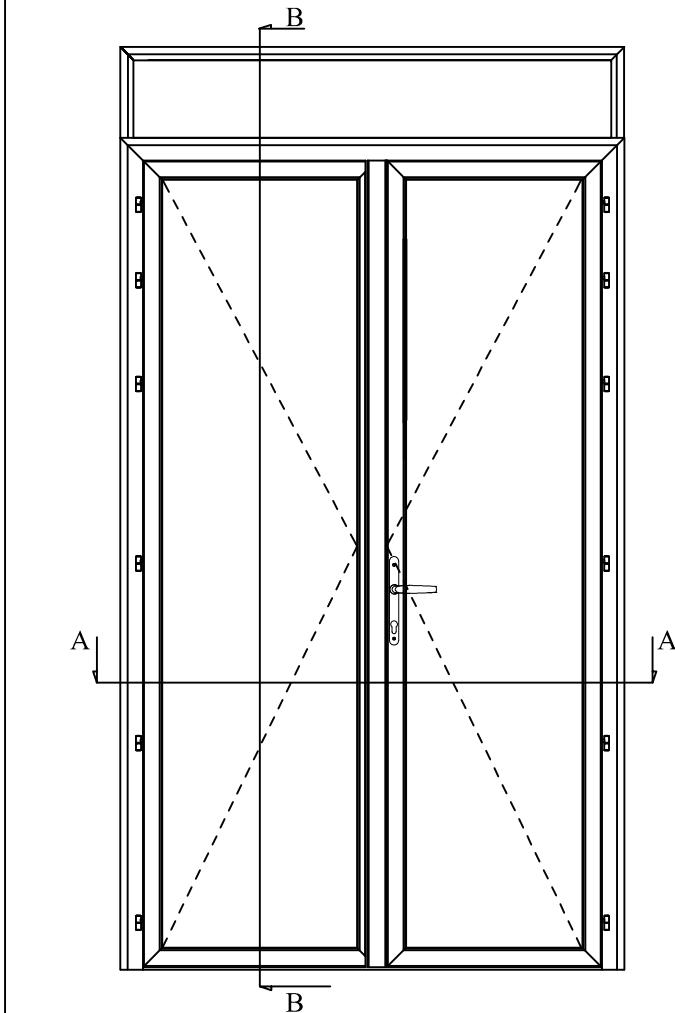
Coupe A-A



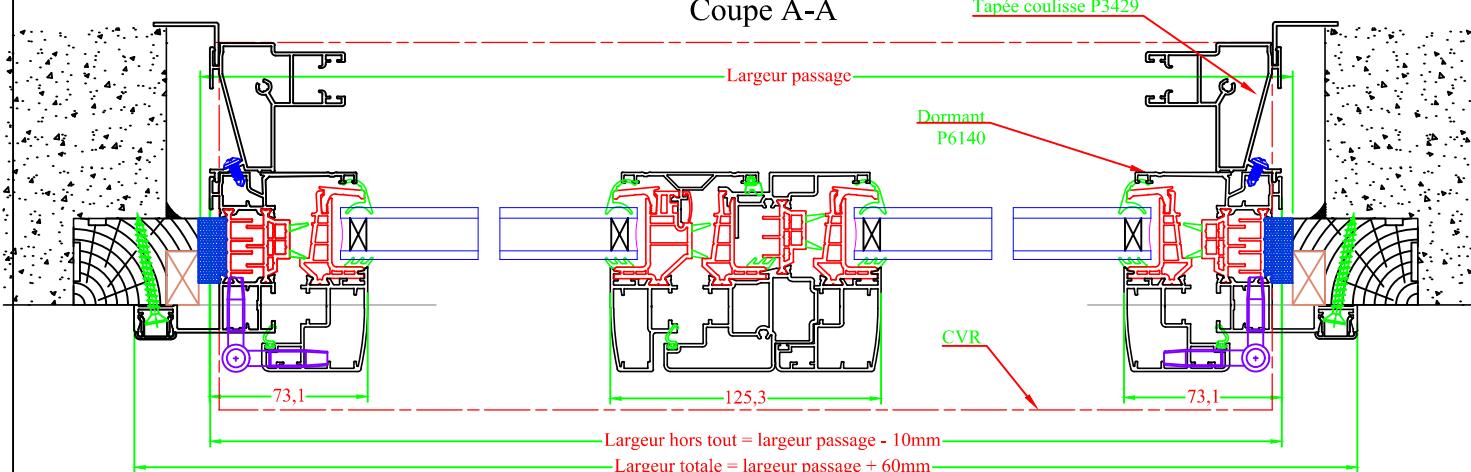
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz'f qt o cpvt² pqxcv kqp'ckg'f g
35 mm seuil PMR & coffre volet roulant

*r qug'gp't² pqxcv kqp'twt 'd-wk'gzkmc pvt+



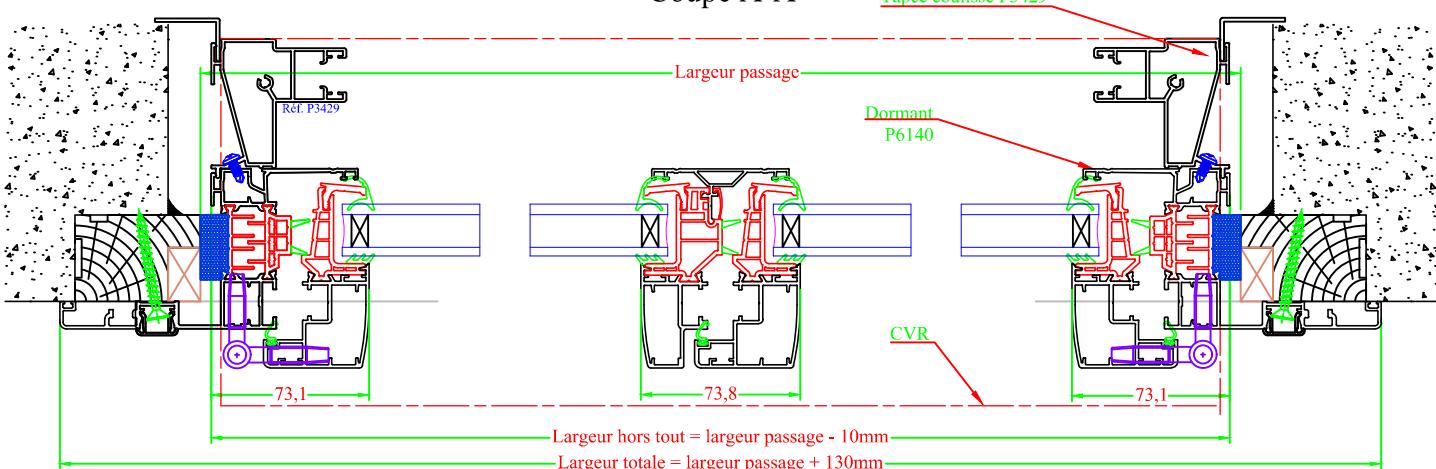
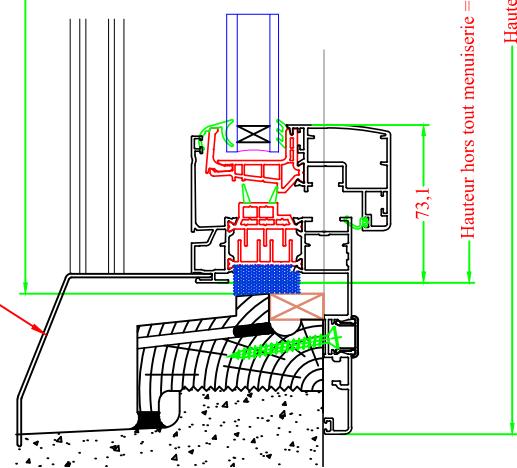
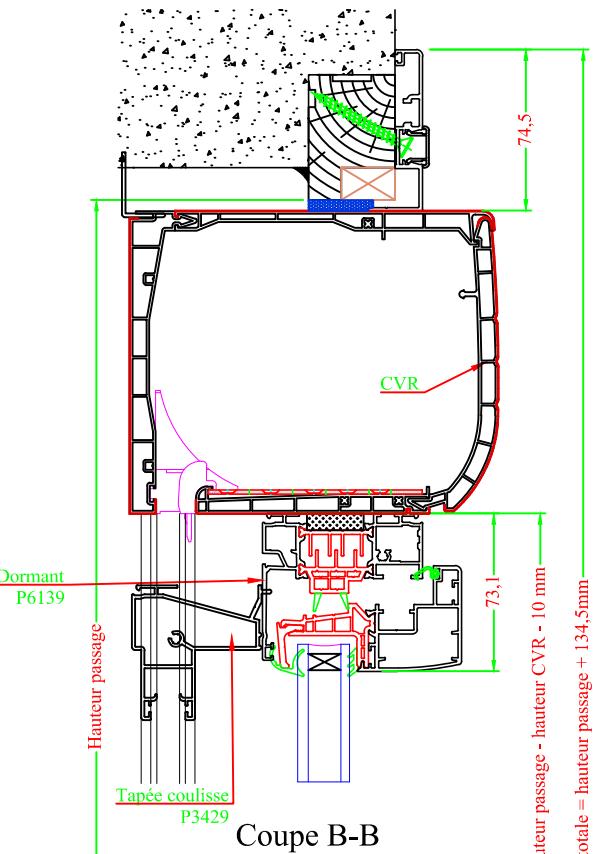
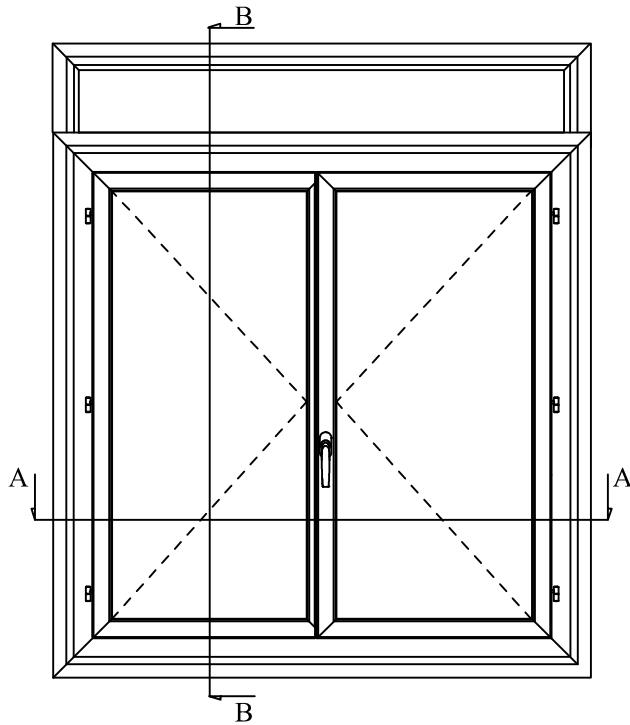
Coupé B-B



PLAN EN ELEVATION Menuiserie VISUAL

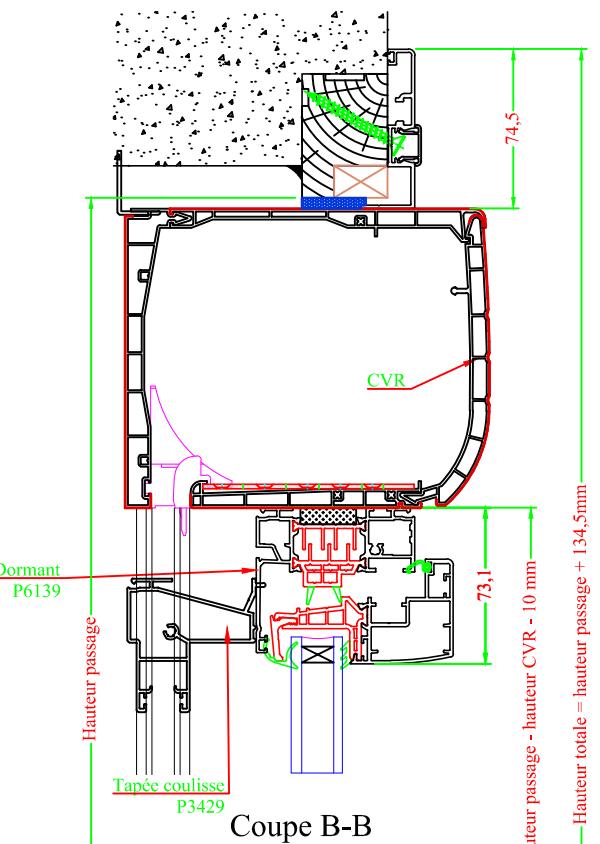
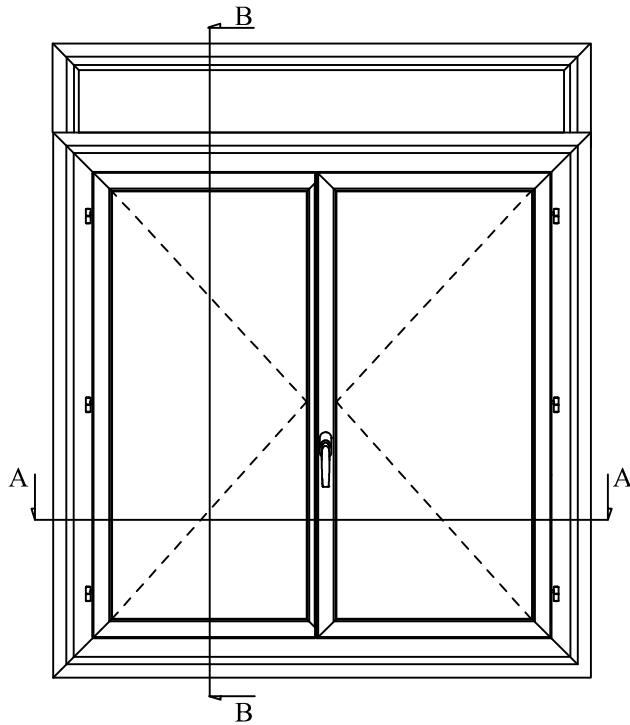
Hgp' vt g'4'xcpvwz 'f qto cpv't² pqxcvlp'ckg'f g'92'o " (coffre volet roulant

*rqu'gp't² pqxcvlp'lw 'd-wkgzklmpv+

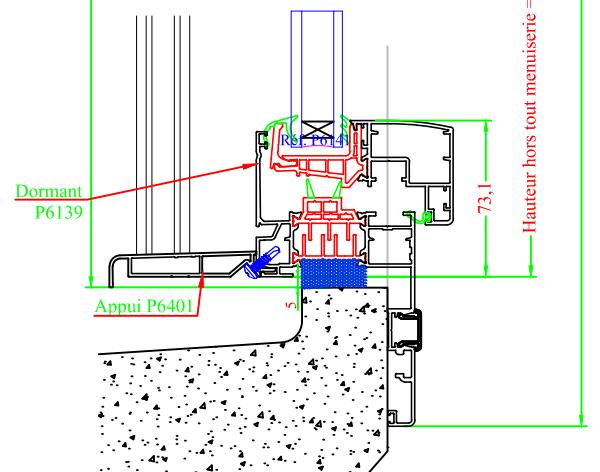


PLAN EN ELEVATION Menuiserie VISUAL

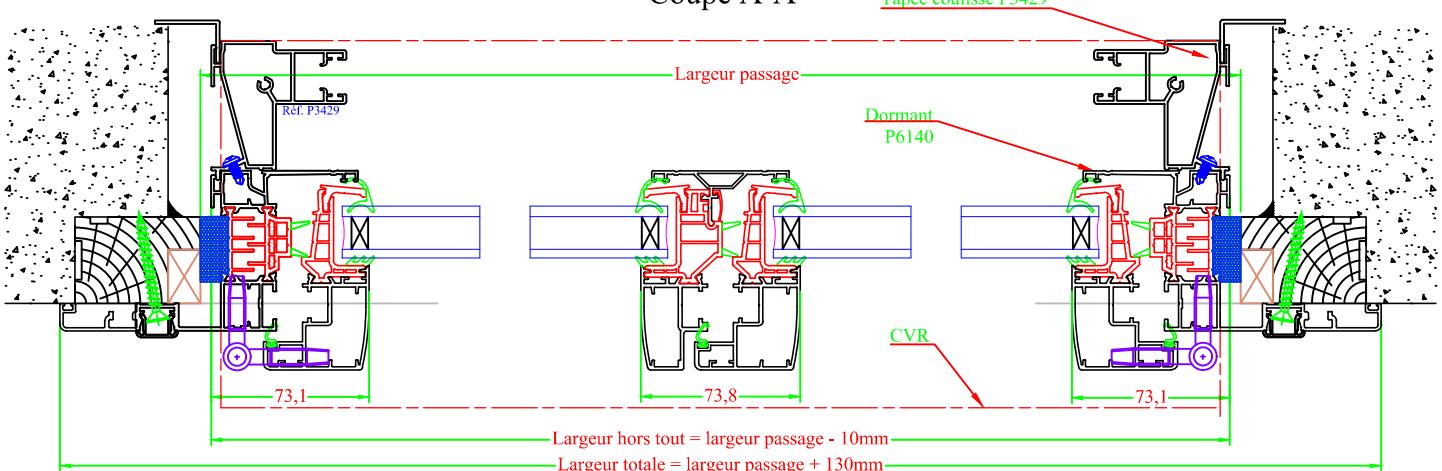
Hgp' vt g'4'xcpvwz 'f qto cpv't² pqxcvqp'ckg'f g'92'o o .'crr wk
²nti k'('eqht g'xqngv't qwt p+
 *r quq'gp't² pqxcvqp'lw 'd-wk'gzkmcpv+



Coupe B-B



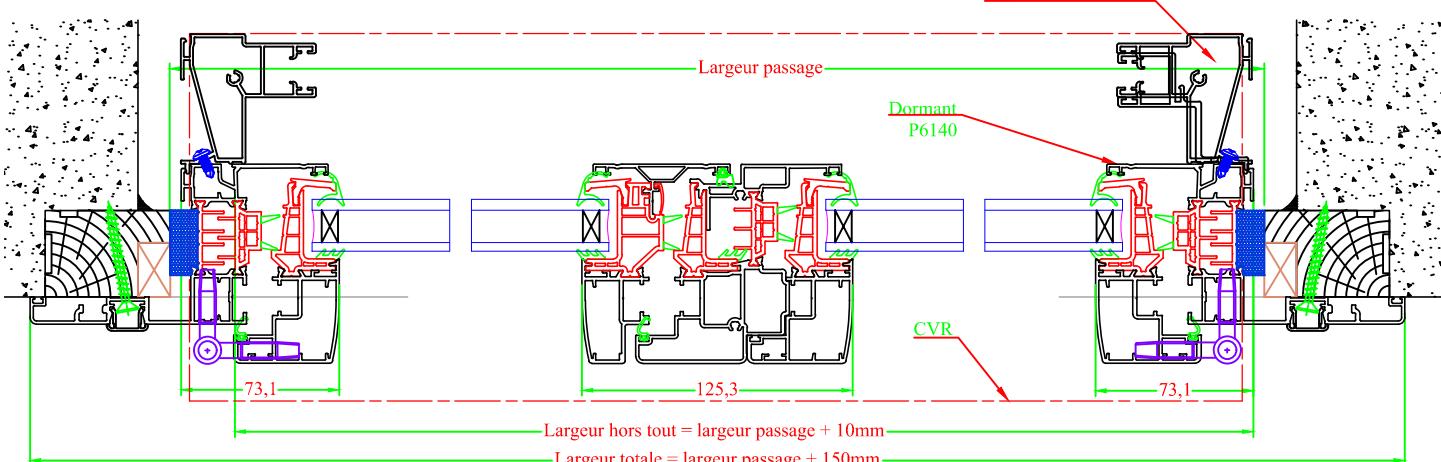
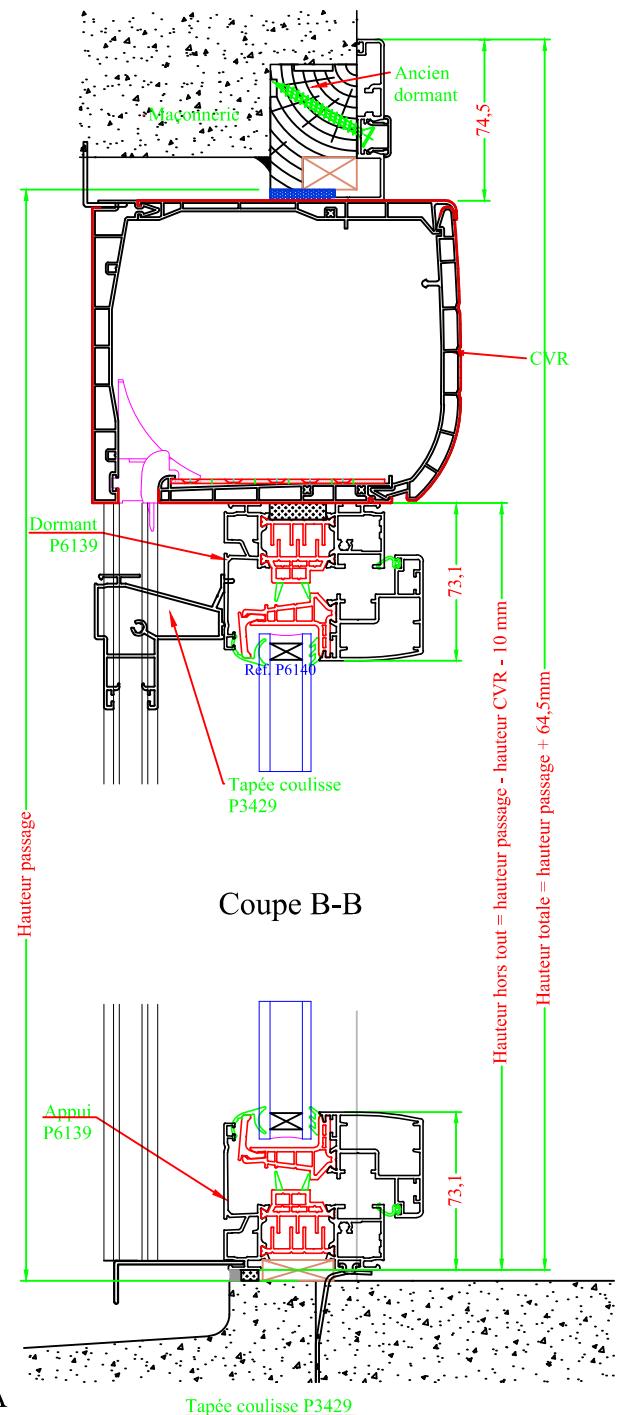
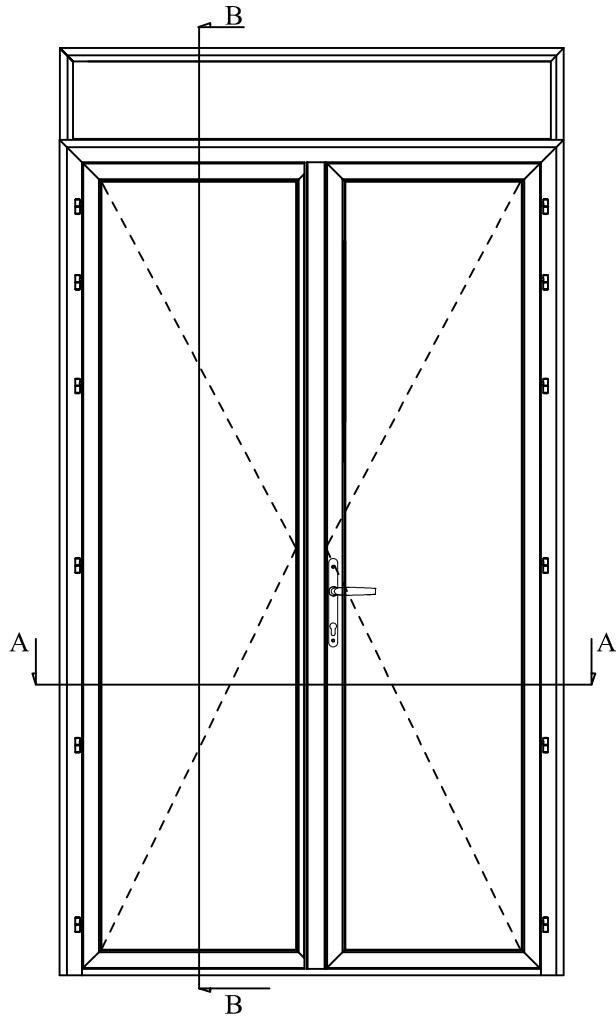
Coupe A-A



PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz'f qt o cpvt² pqxcv qp'ckg'f g
70 mm & coffre volet roulant

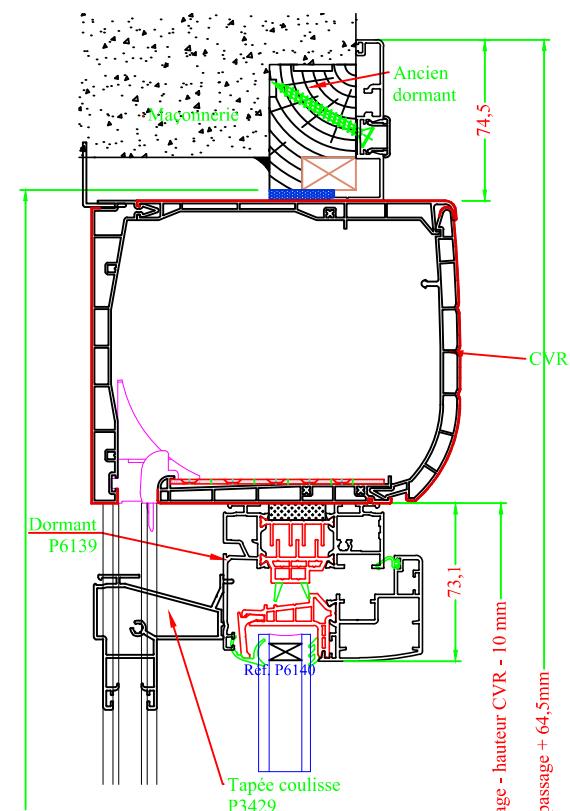
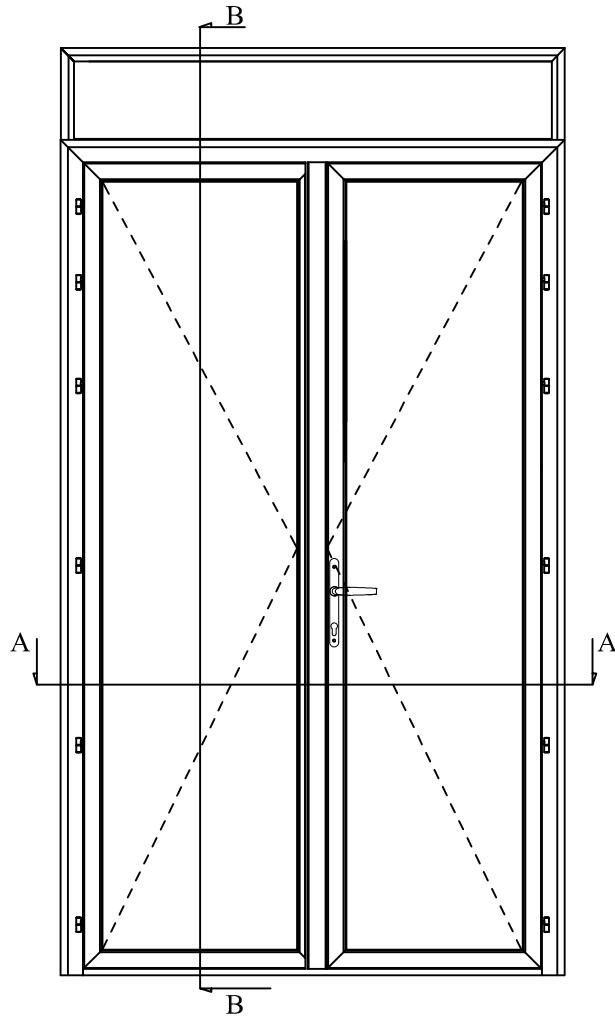
*r qug'gp't² pqxcv qp'ltwt 'd-wkgzkwcpv+



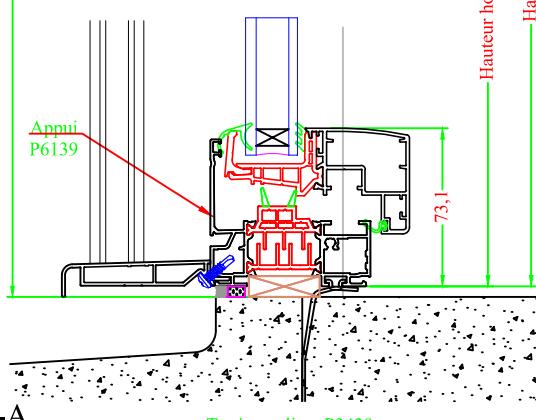
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz 'f qt o cpv't² pqxc vlpq 'ckg'f g'92'b o .
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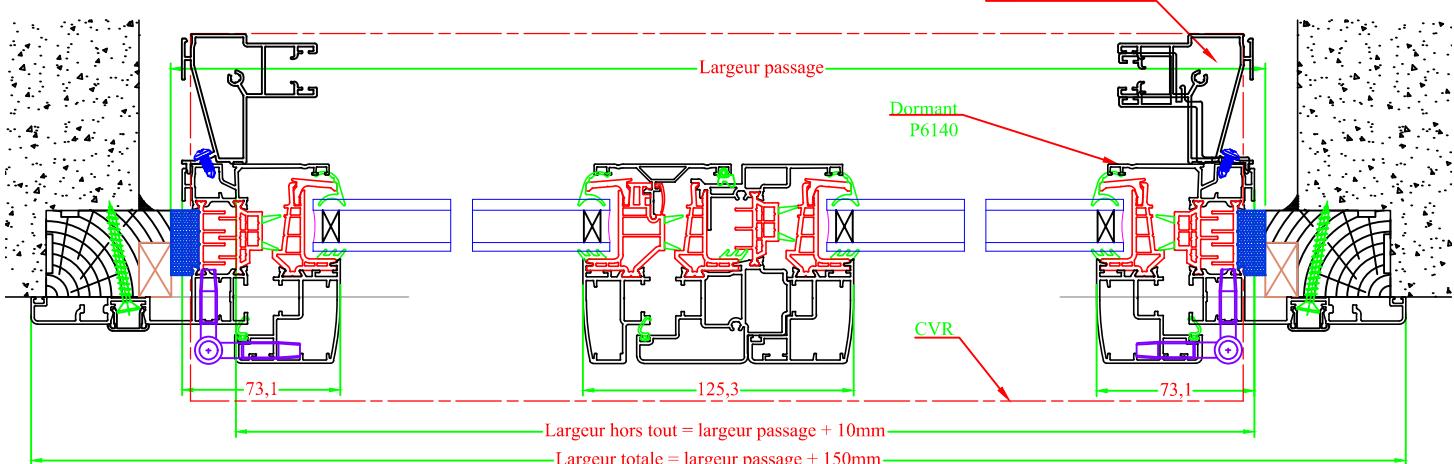
*r quq'gp't² pqxc vlpq 'lwt 'd-wk'gzk wcpv+



Coupe B-B



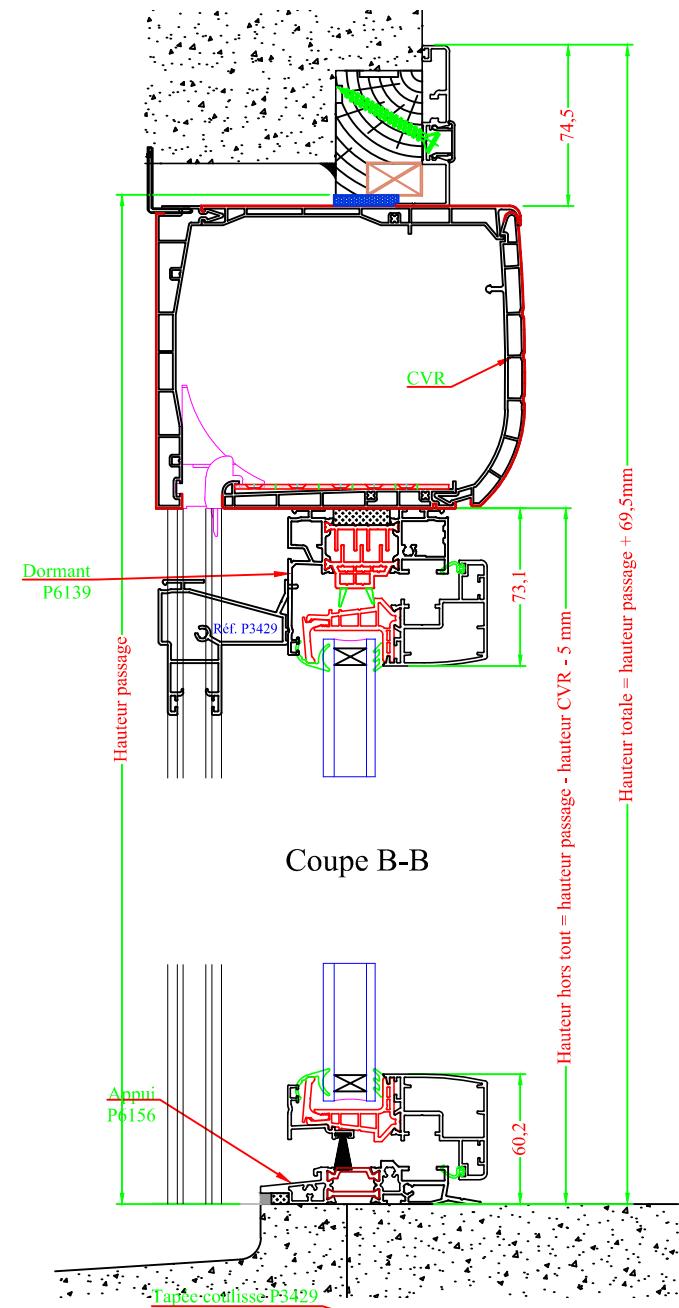
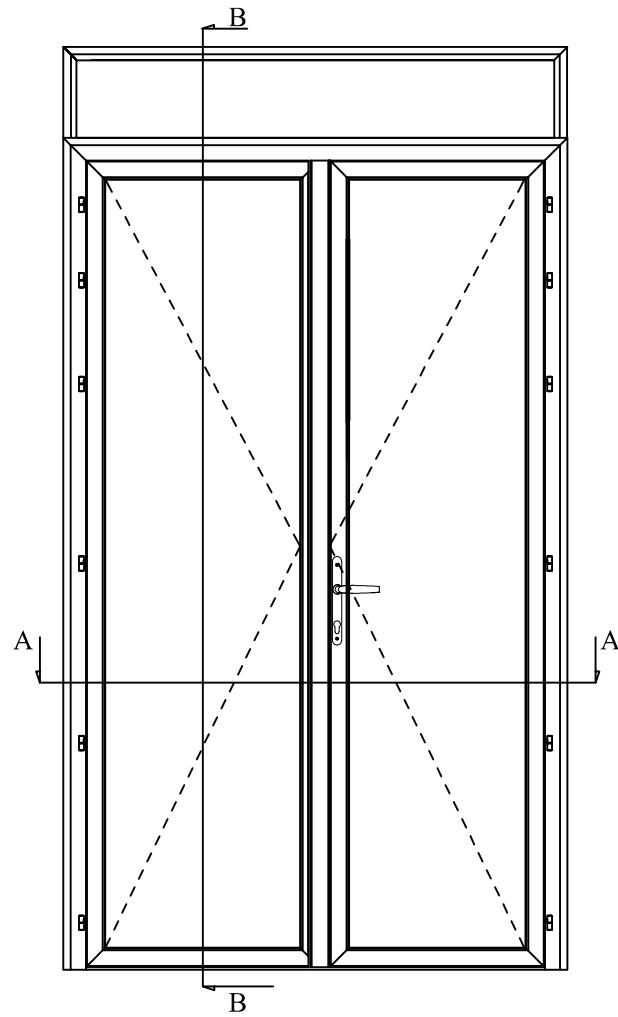
Coupe A-A



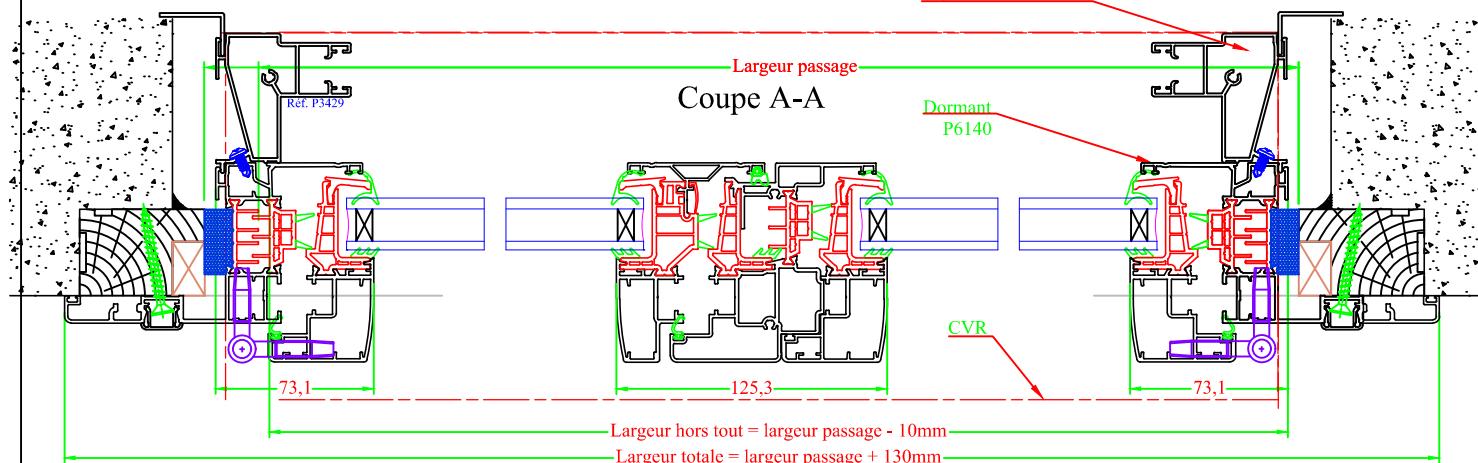
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz'f qt o cpvt² pqxcv qp'ckg'f g
70 mm seuil PMR & coffre volet roulant

*r qug'gp't² pqxcv qp'lw t 'd-wk'gzkmcpv+

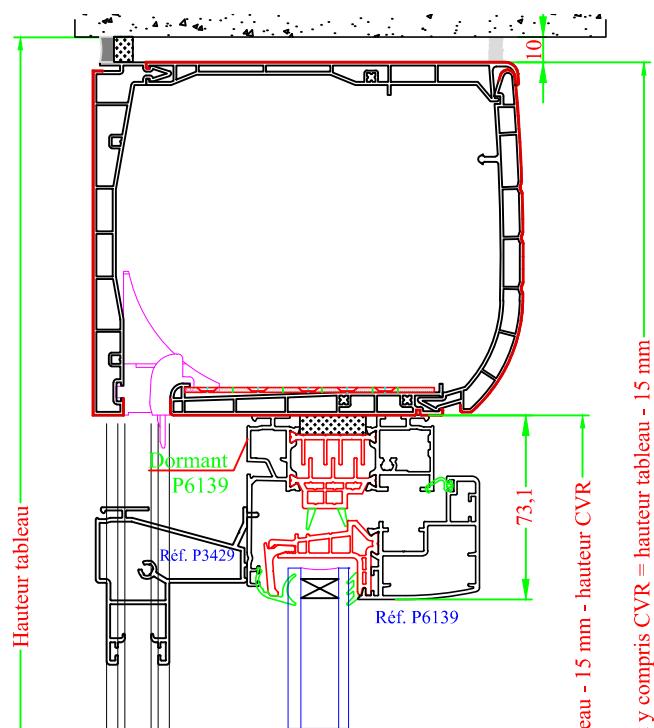
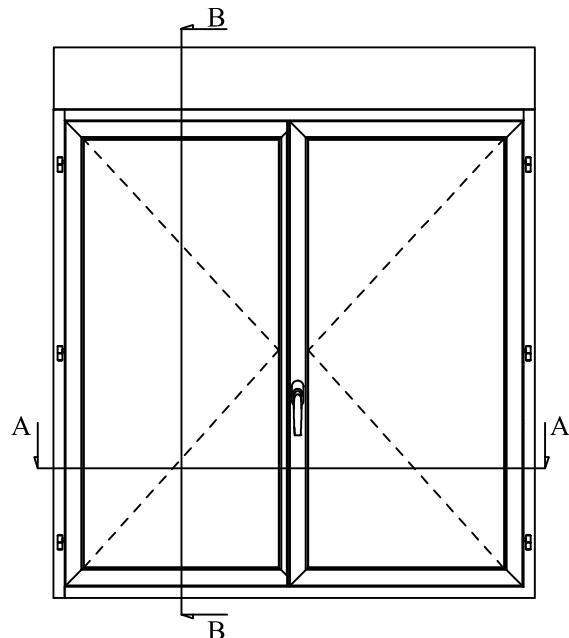


Coupé A-A

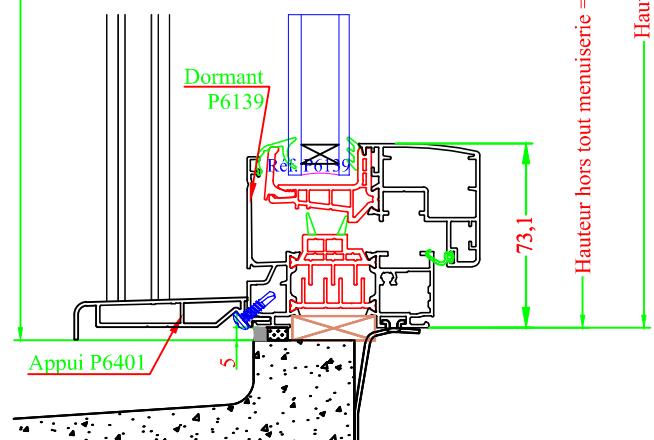


PLAN EN ELEVATION Menuiserie VISUAL

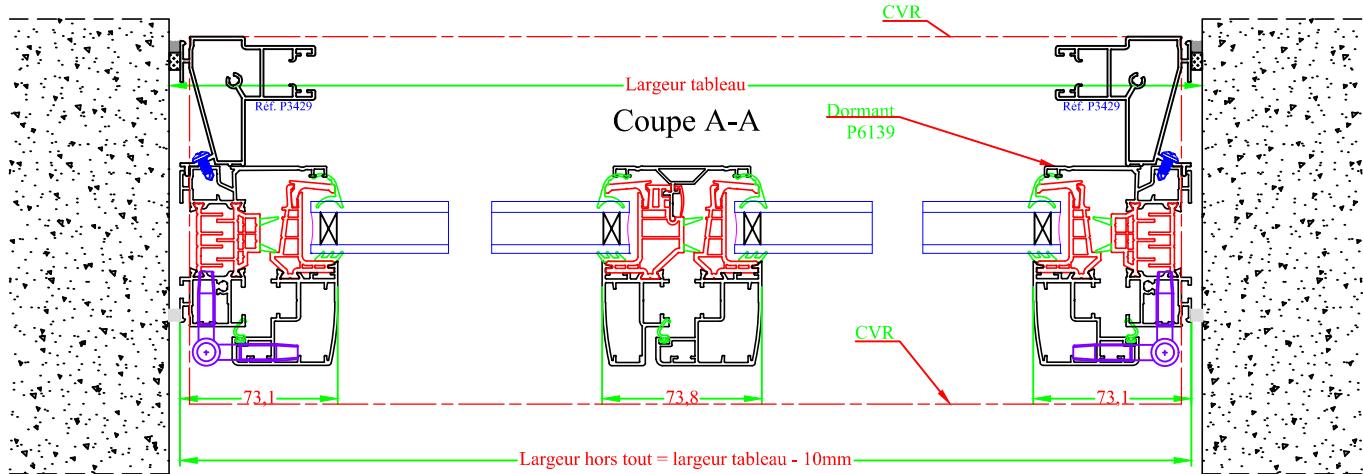
Hgp' vt g'4'xcpwz'r qu'gp'wpptcxge'cr r wk't i g
 & coffre volet roulant



Coupe B-B

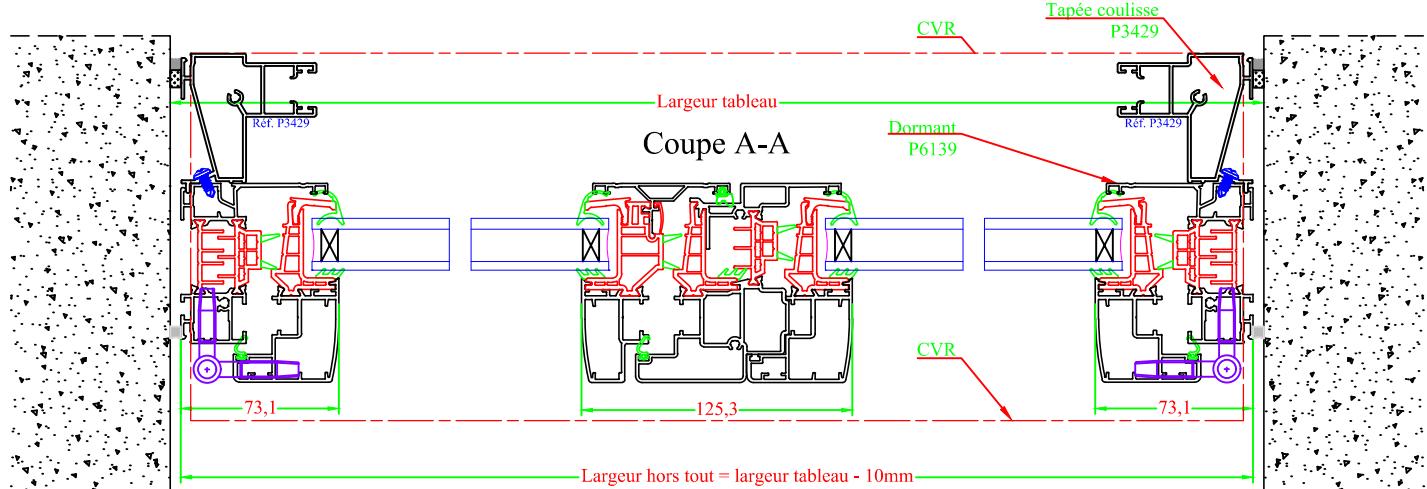
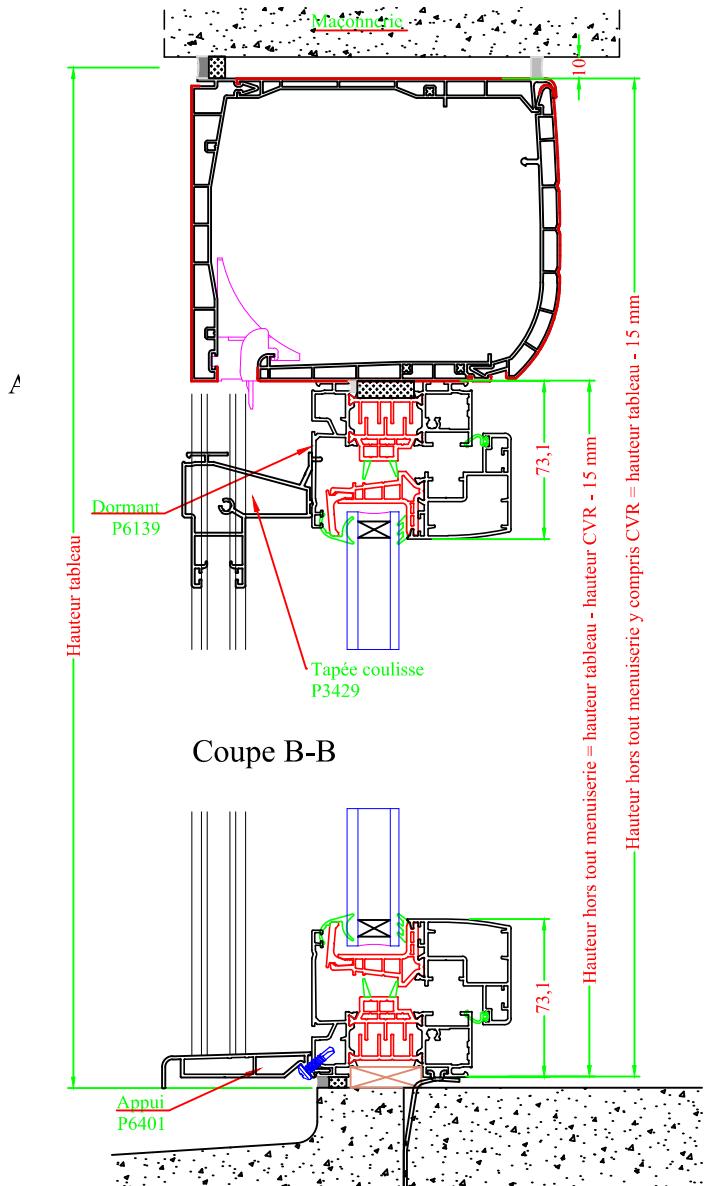
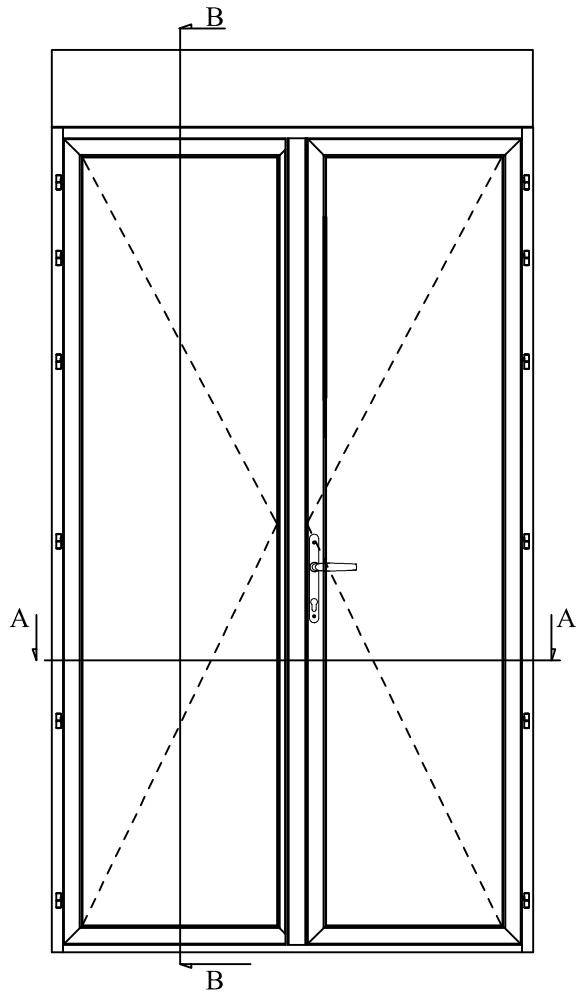


Coupe A-A



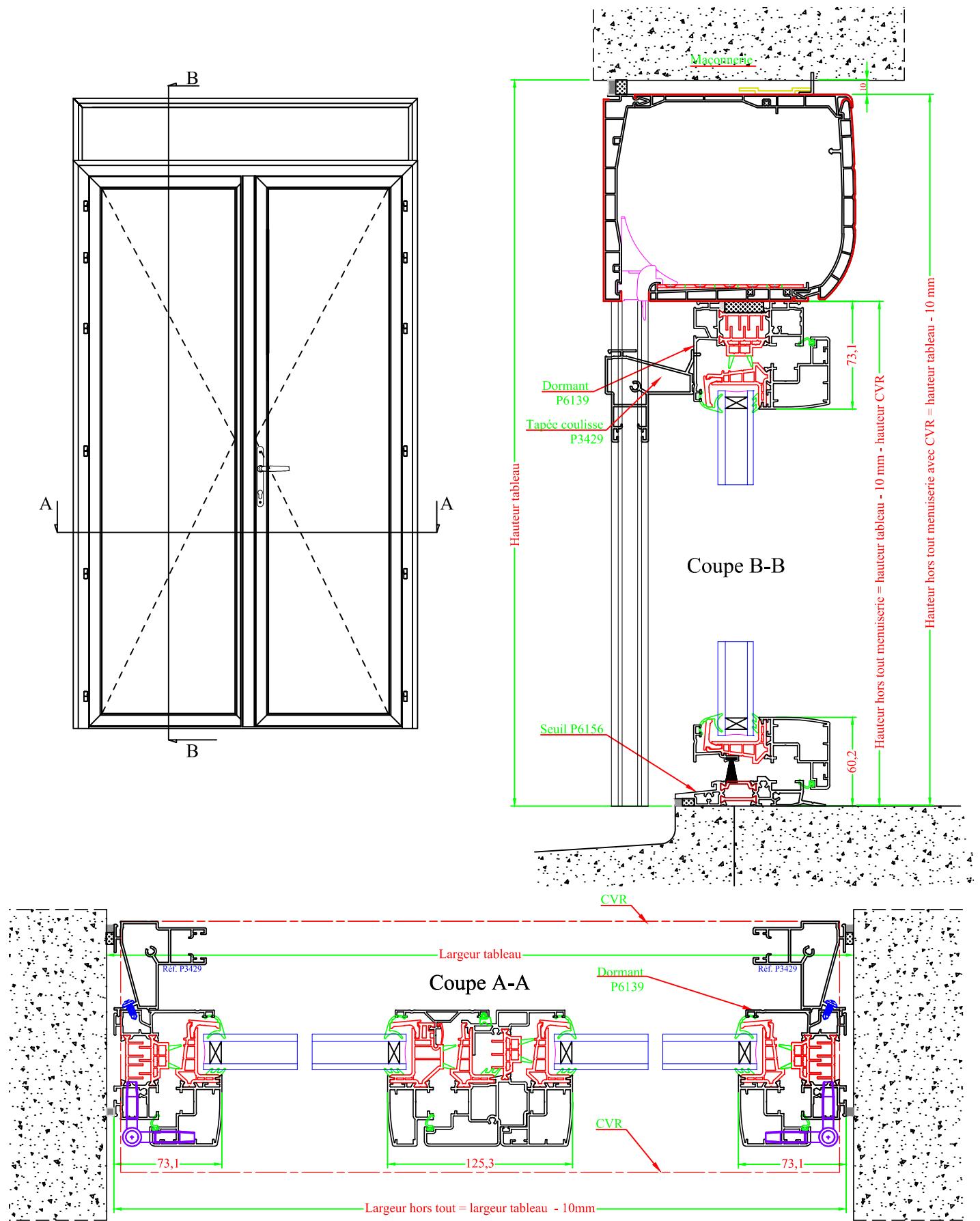
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel + appui
 2 mti k('eqht g'xqngv't qwtcpv



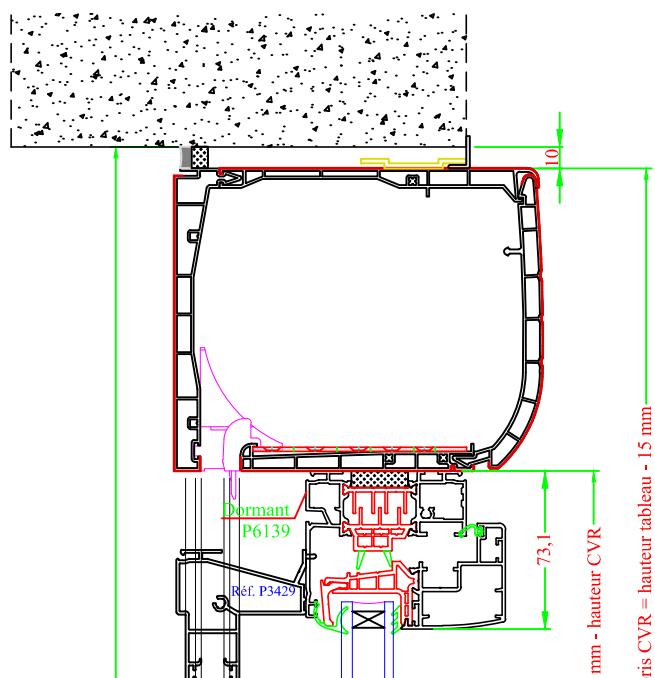
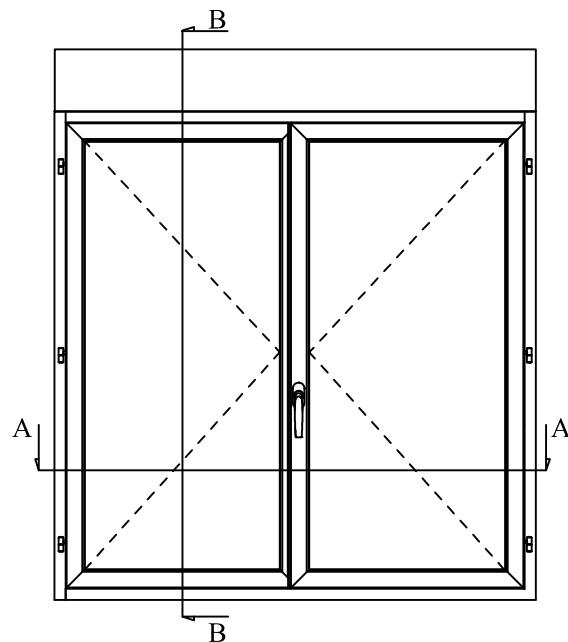
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel seuil PMR & coffre volet roulant

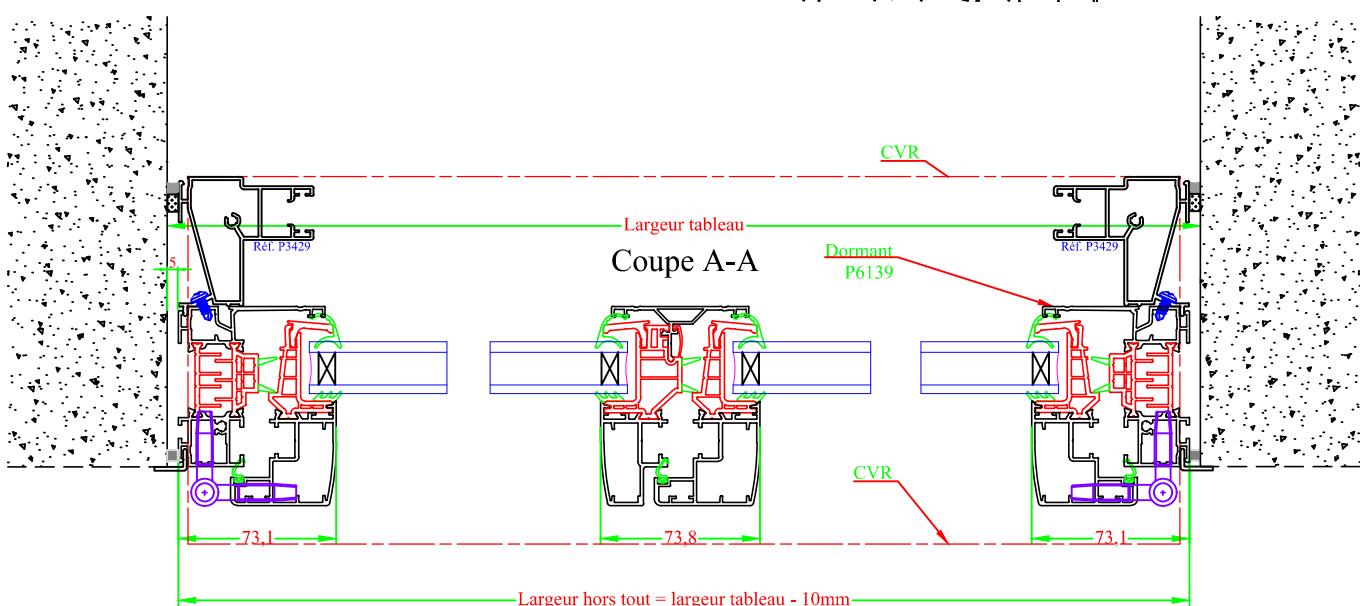
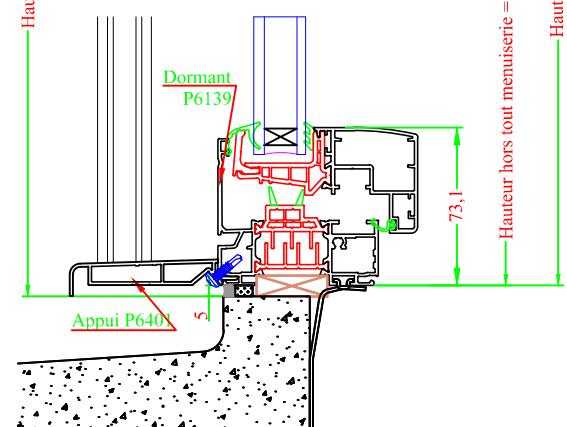


PLAN EN ELEVATION Menuiserie VISUAL

Hgp' vt g'4'xcpvwz 'r quq'gp 'wppgnchlgwt cpv'cxge'cr r wk
large & coffre volet roulant

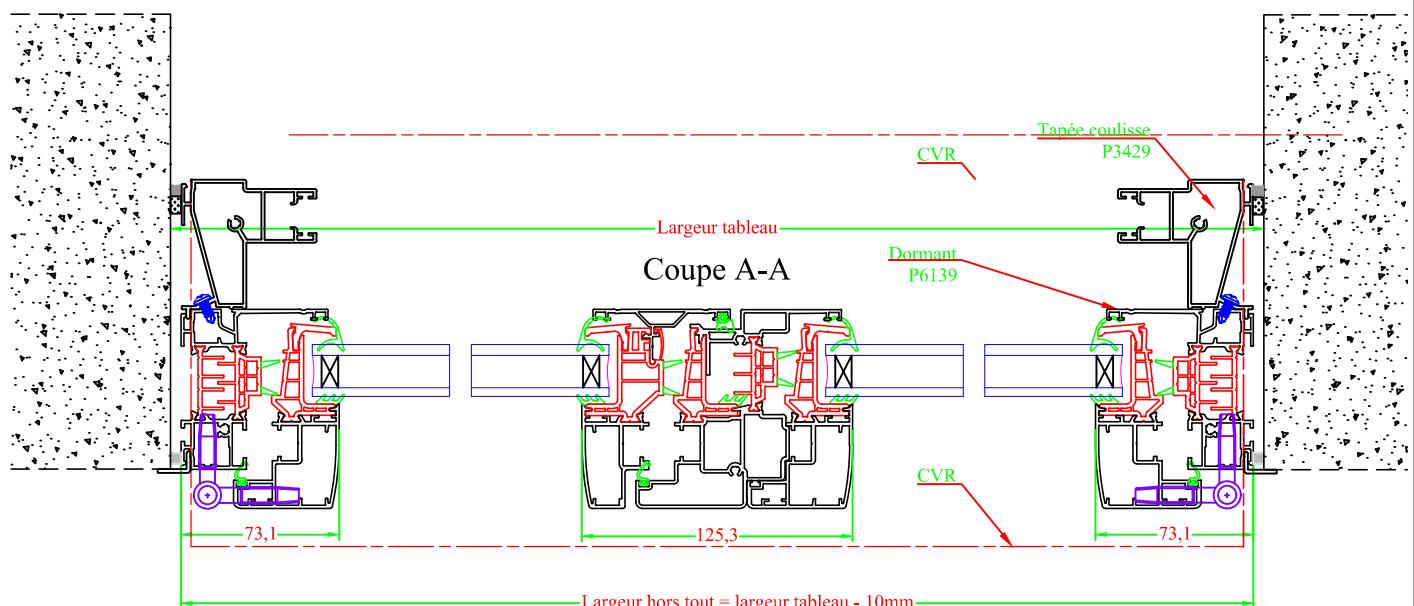
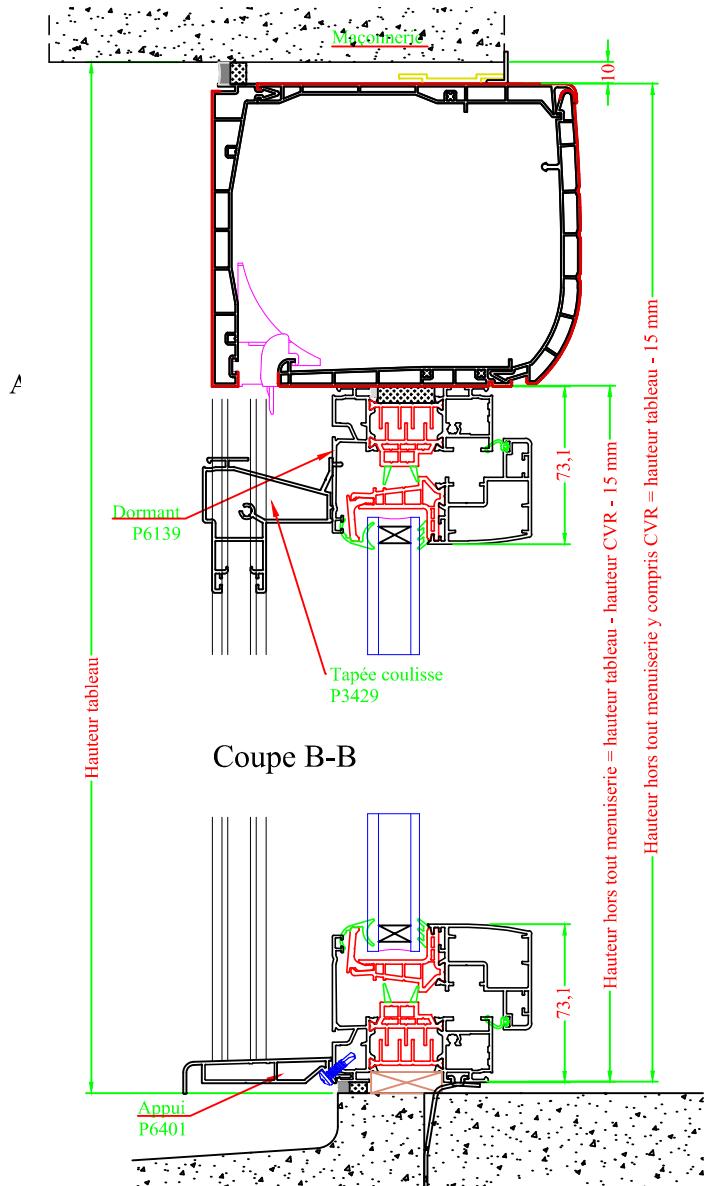
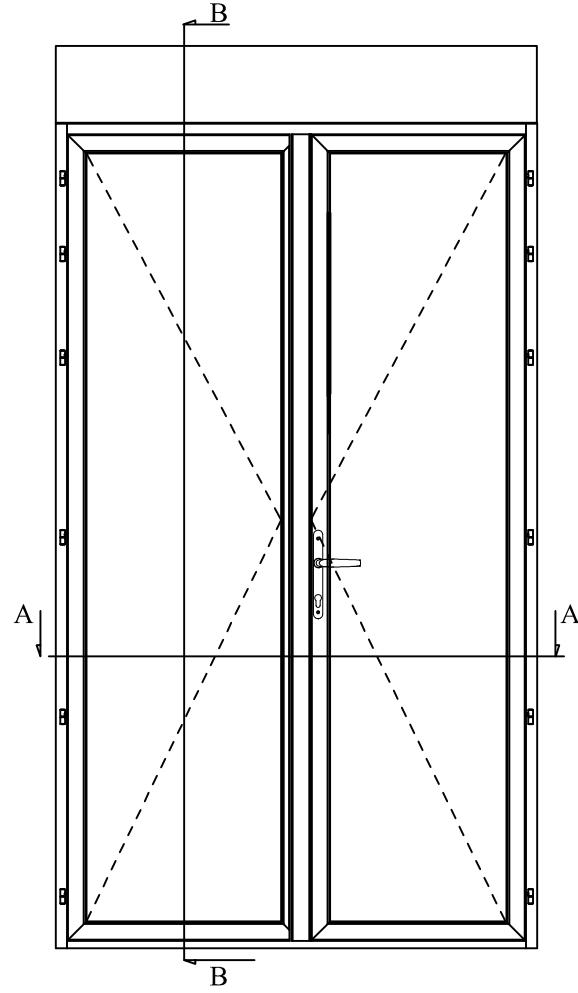


Coupe B-B



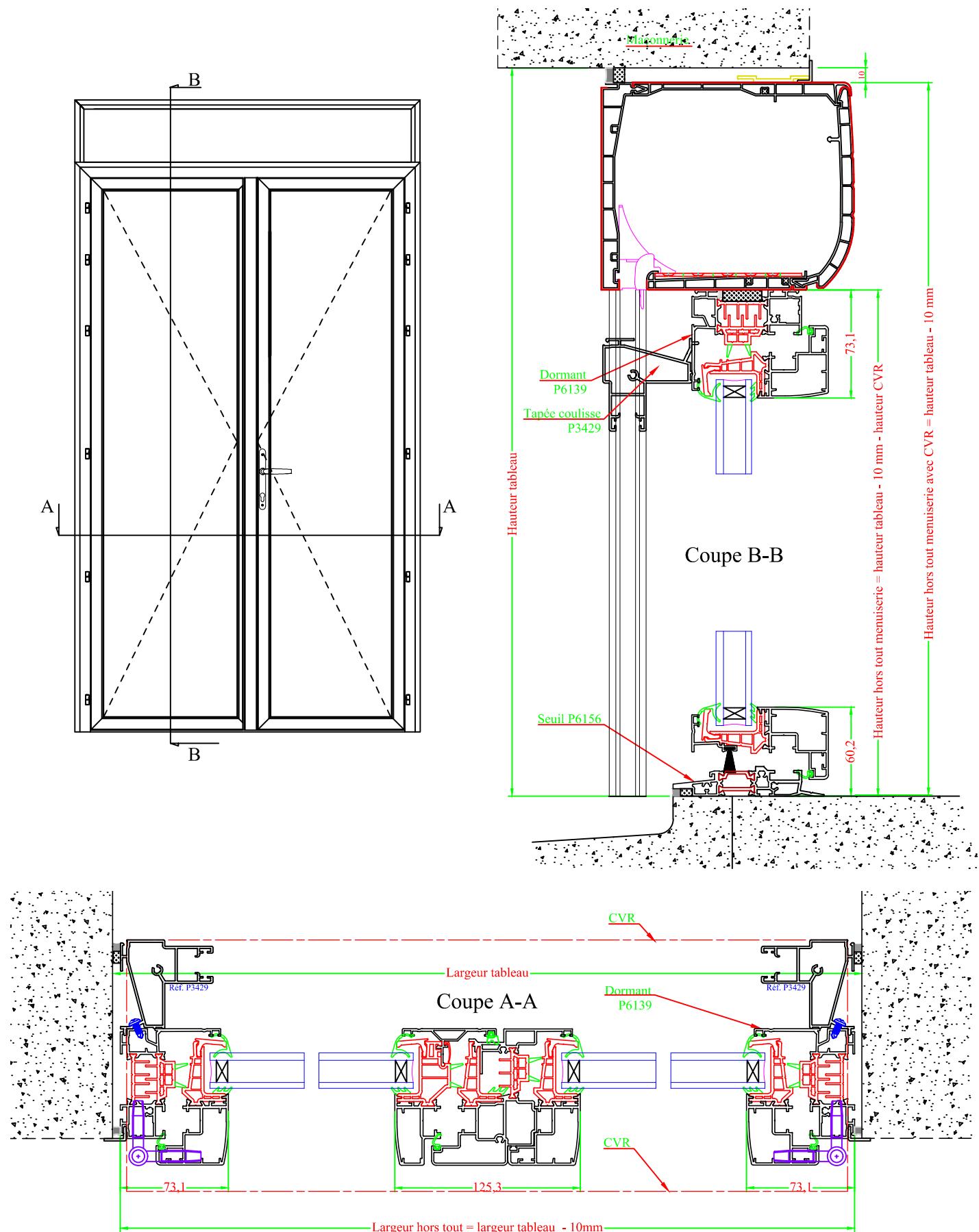
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel affleurant
- 'cr r wk' mti k('eqht g'xqngv't qwrpv



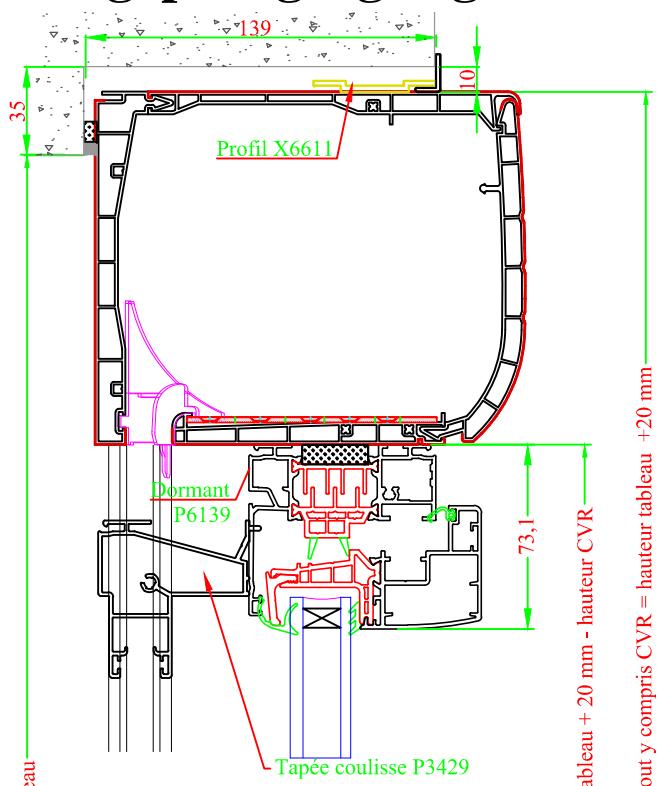
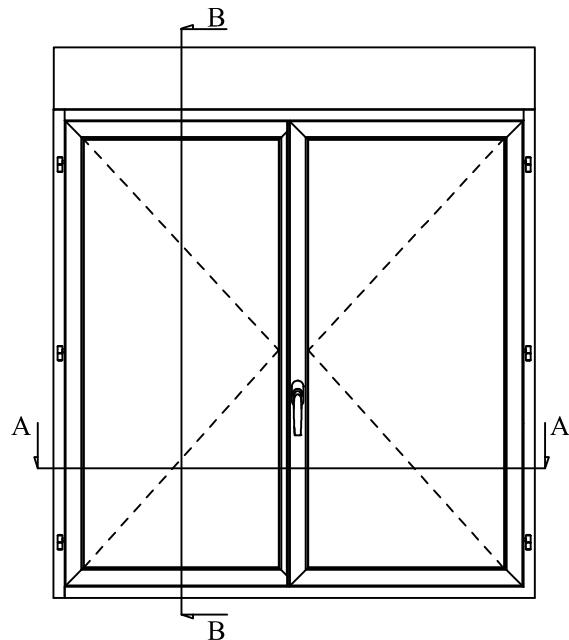
PLAN EN ELEVATION Menuiserie VISUAL

Porte balcon serrure 2 vantaux pose en tunnel affleurant seuil PMR & coffre volet roulant

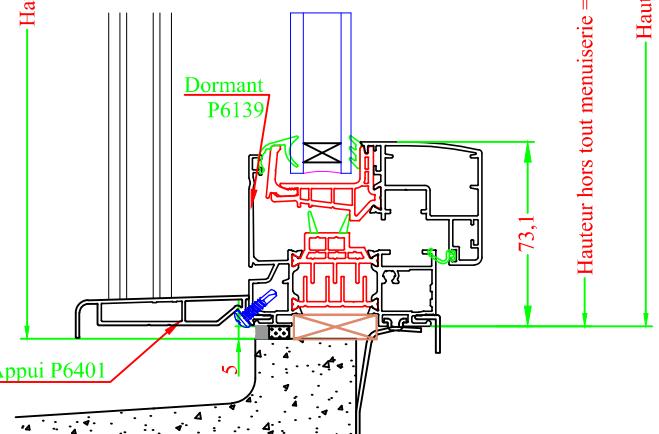


PLAN EN ELEVATION Menuiserie VISUAL

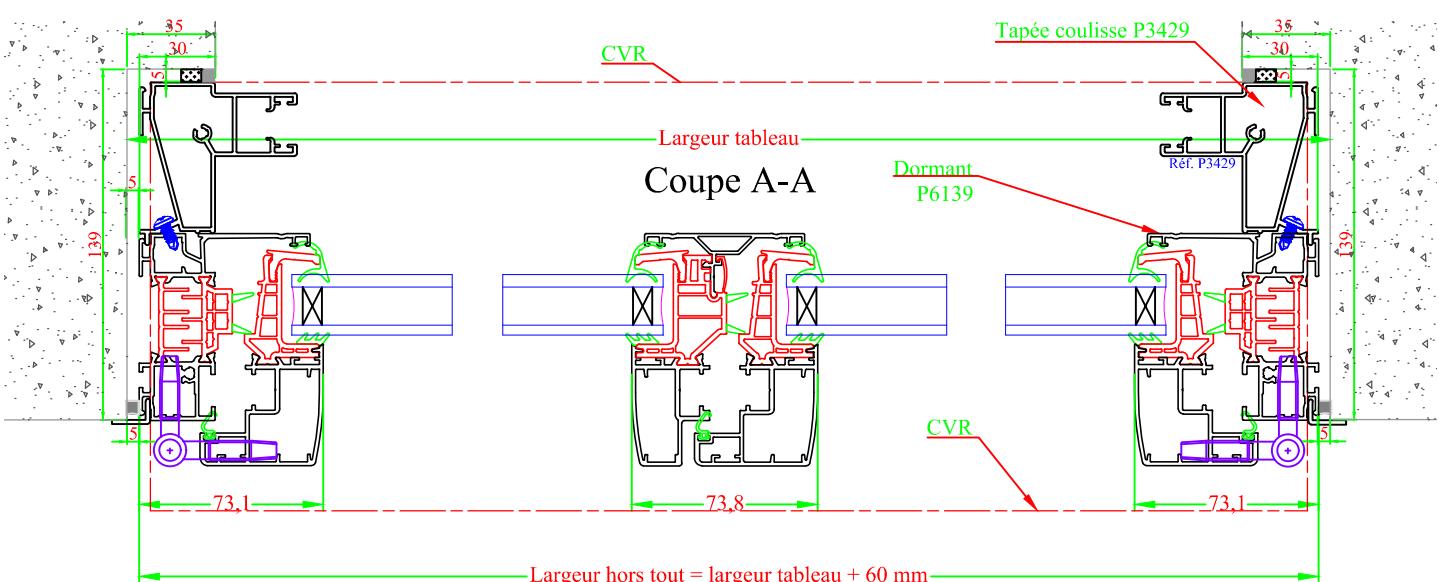
Hgp' vt g'4'xcpw wz 'r qug'gp 'lgwknwt g'lpv² t lgwt g'cxge'cr r wk
large & coffre volet roulant



Coupé B-B

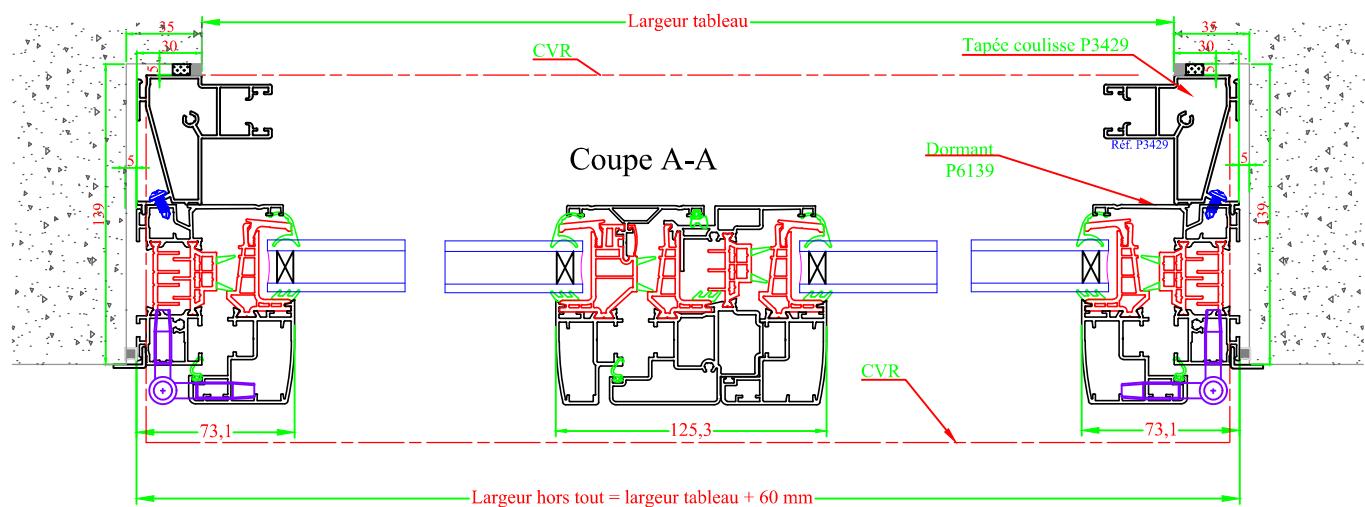
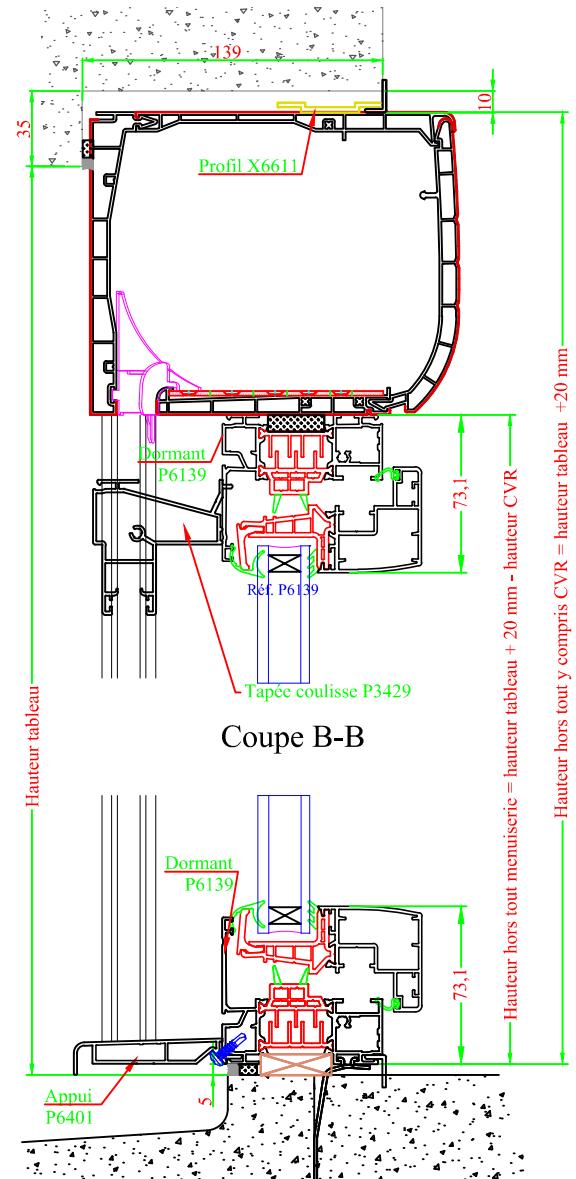
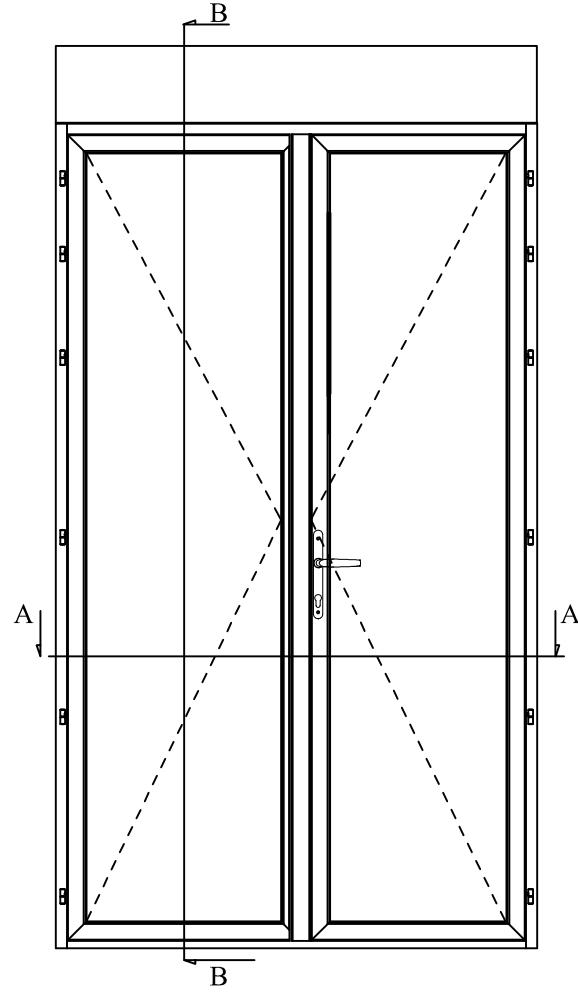


Coupé A-A



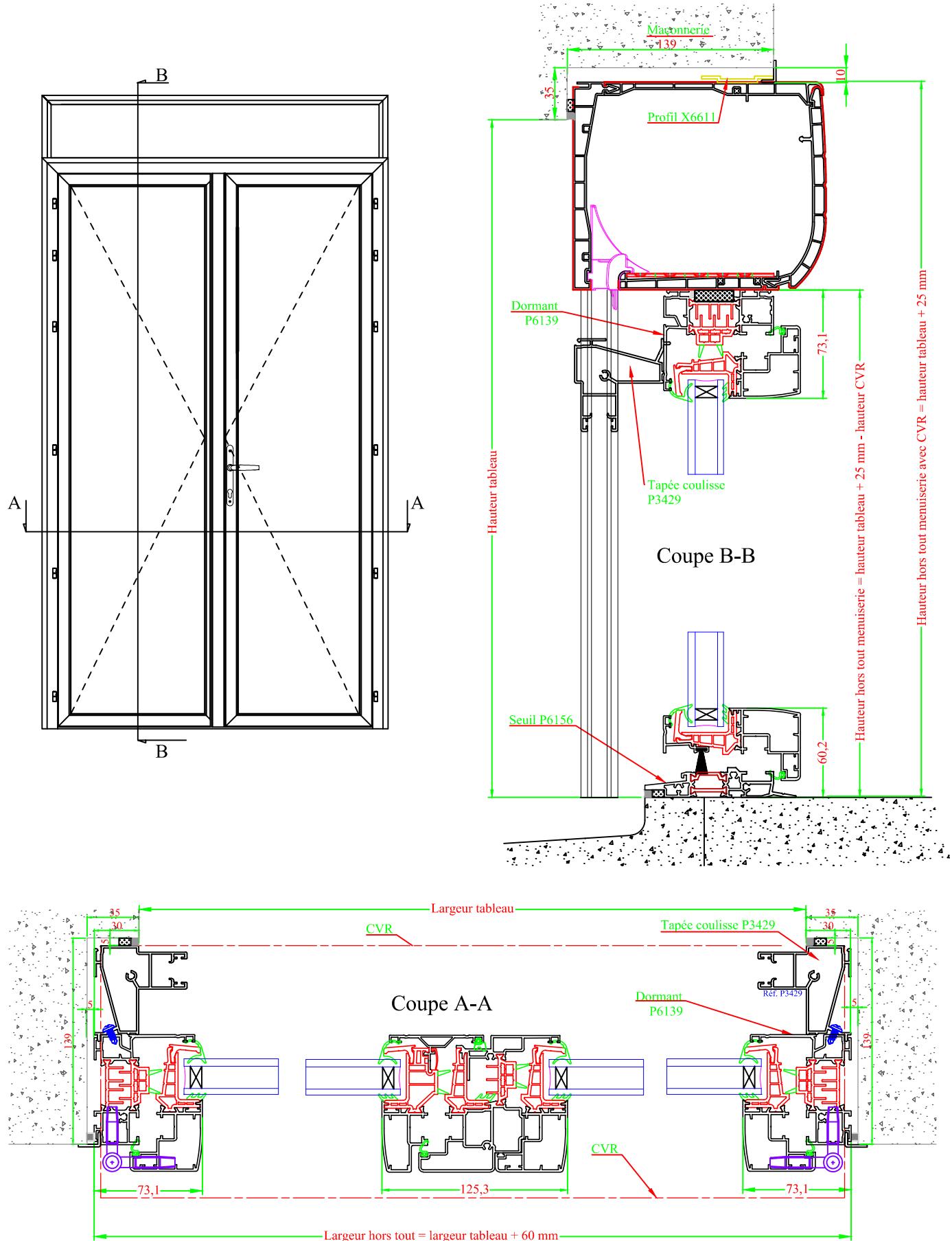
PLAN EN ELEVATION Menuiserie VISUAL

Rqt vg'dcneqp'tgt t wt g'4'xcpw wz 'r quq'gp'lgwmwt g'lpv² t lgwt g - 'cr r wk² nti k('eqht g'xqngv't qwrpv



PLAN EN ELEVATION Menuiserie VISUAL

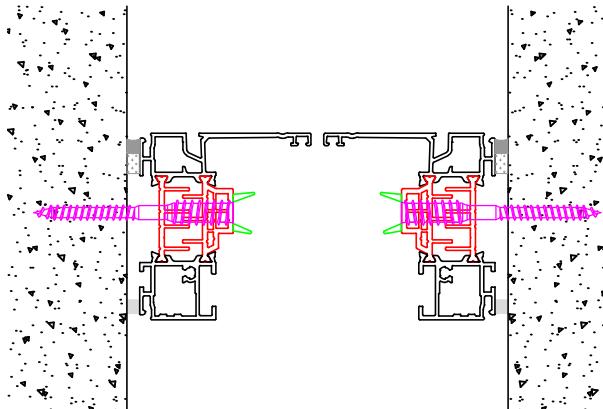
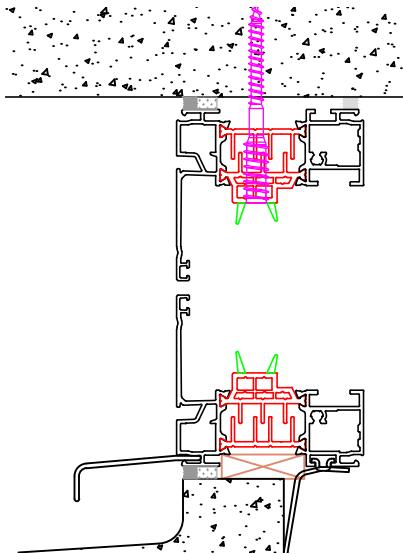
Rqt vg'dcneqp'tgt t wt g'4'xcpw wz 'r quq'gp'lgwmwt g'lpv² t lgwt g
seuil PMR & coffre volet roulant



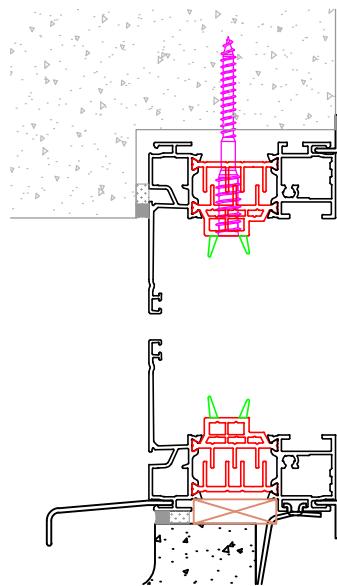
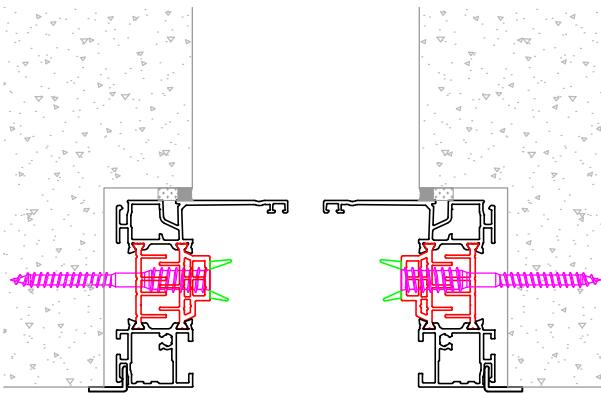
Type de fixation pour menuiserie VISUAL pour pose en tunnel, tunnel affleurant, feuillure kp²t kgwt g.'lwt 'f qt o cpv'gzkmcpv

Vis Top Roc

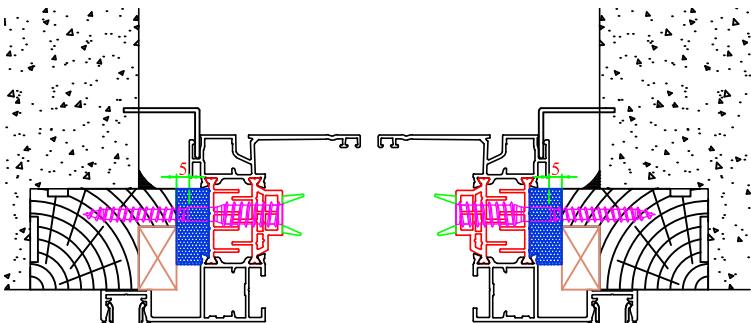
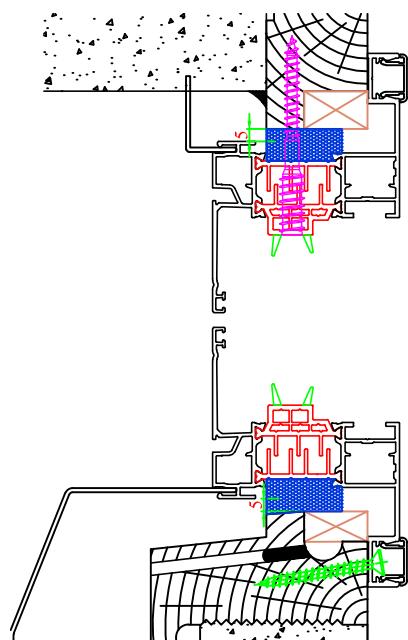
Pose en tunnel



Rqug'hgwknwt g'kp²t kgwt g

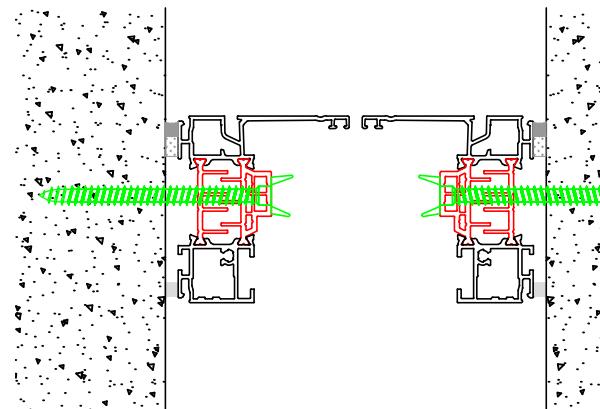
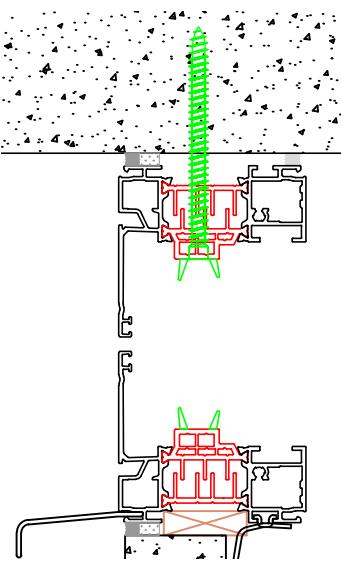


Rqug'gp't²pqxcvkqp'lwt 'd-vkgzkmcpv

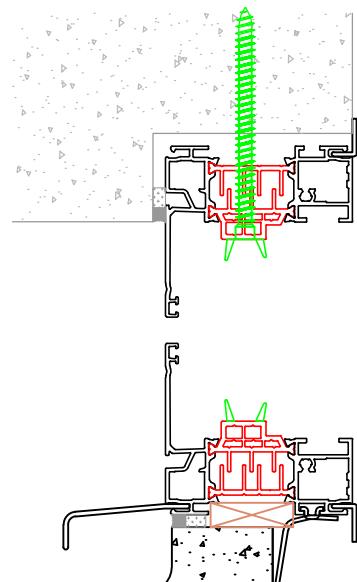
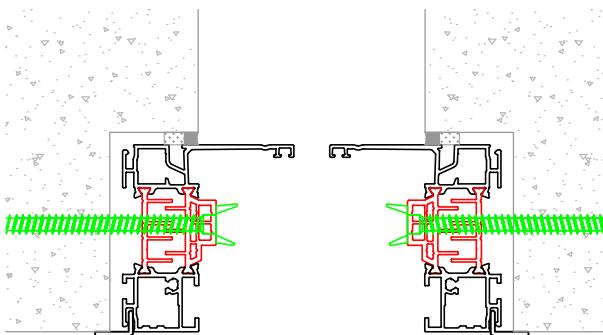


Type de fixation pour menuiserie VISUAL pour pose en tunnel, tunnel affleurant, feuillure lpv² t lgwt g. 'lwt 'f qt o cpv'gz kmcpv

Xku'd² wqp'lc pu'ej gxkng Pose en tunnel



Rqug'hgwknwt g'lpv² t lgwt g



Hkzc v kqp'lc ± cf g

Rqug'gp't² pqxc v kqp' lwt 'd - v k'gz kmcpv

