BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU

Embellir votre sécurité, notre métier

CATALOGUE TECHNIQUE

GARDE-CORPS

FABRIQUÉ EN FRANCE

ww.bodyguard-alu.com

Juillet 2021

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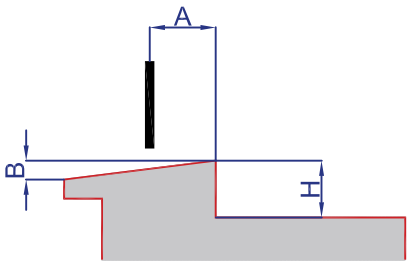
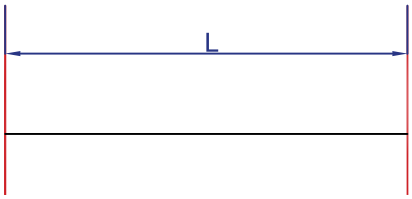
COLORIS RAL STANDARD BODYGUARD

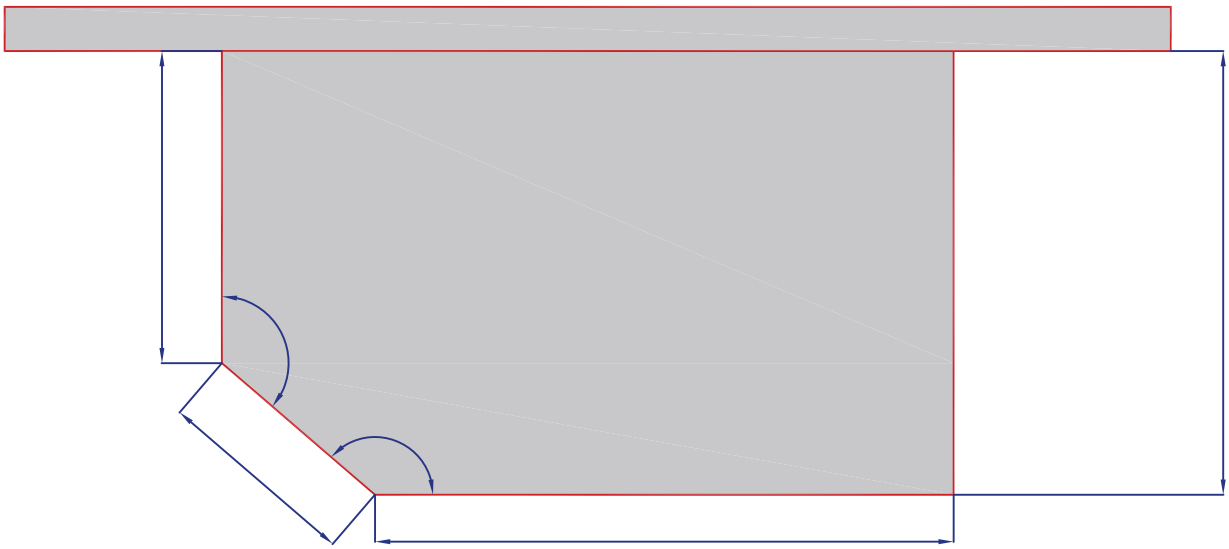
PRINCIPES DE RELEVÉ DE COTES

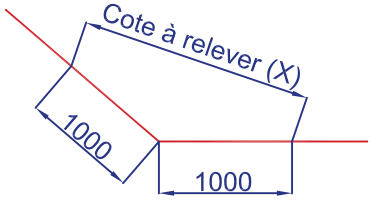
Porte-fenêtre





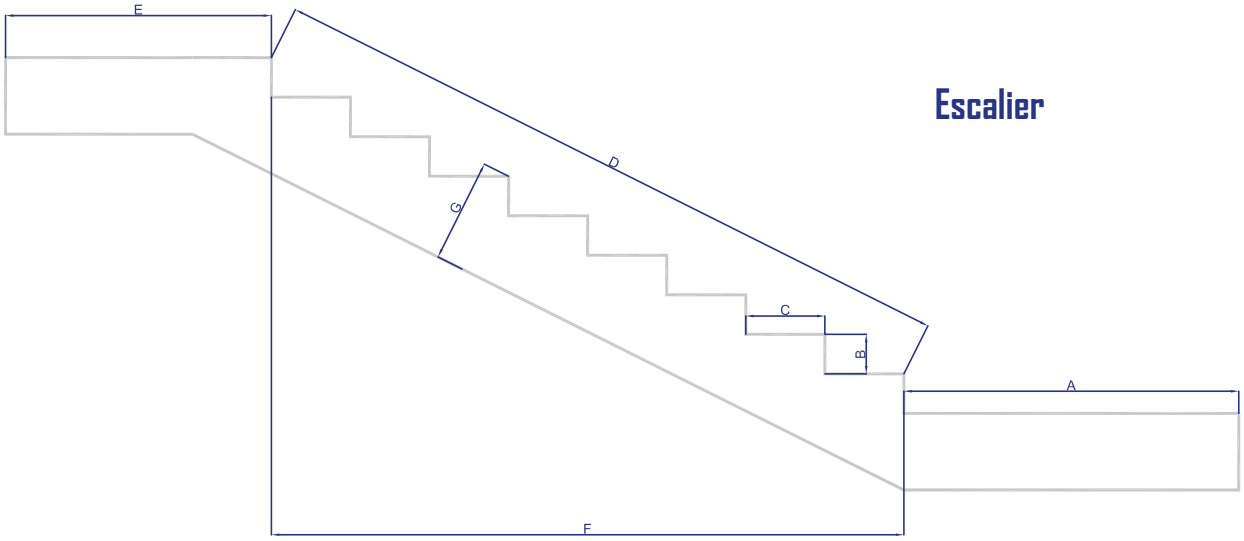
Terrasse



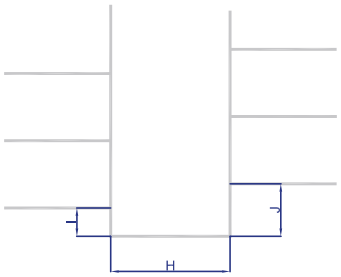


- À l'anglaise : relever la cote extérieure
- Sur dalle : relever la cote intérieure
- Pour les angles : relever la cote X

Escalier



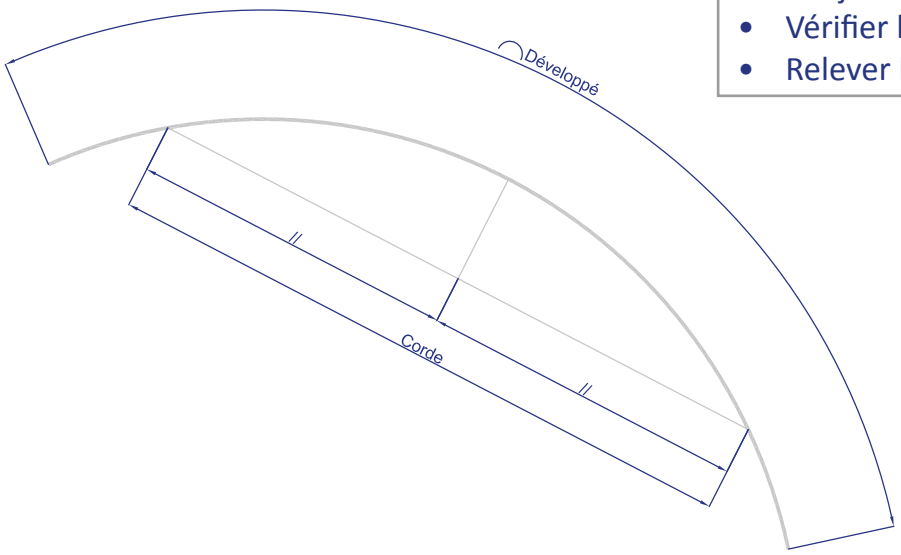
Cage d'escalier



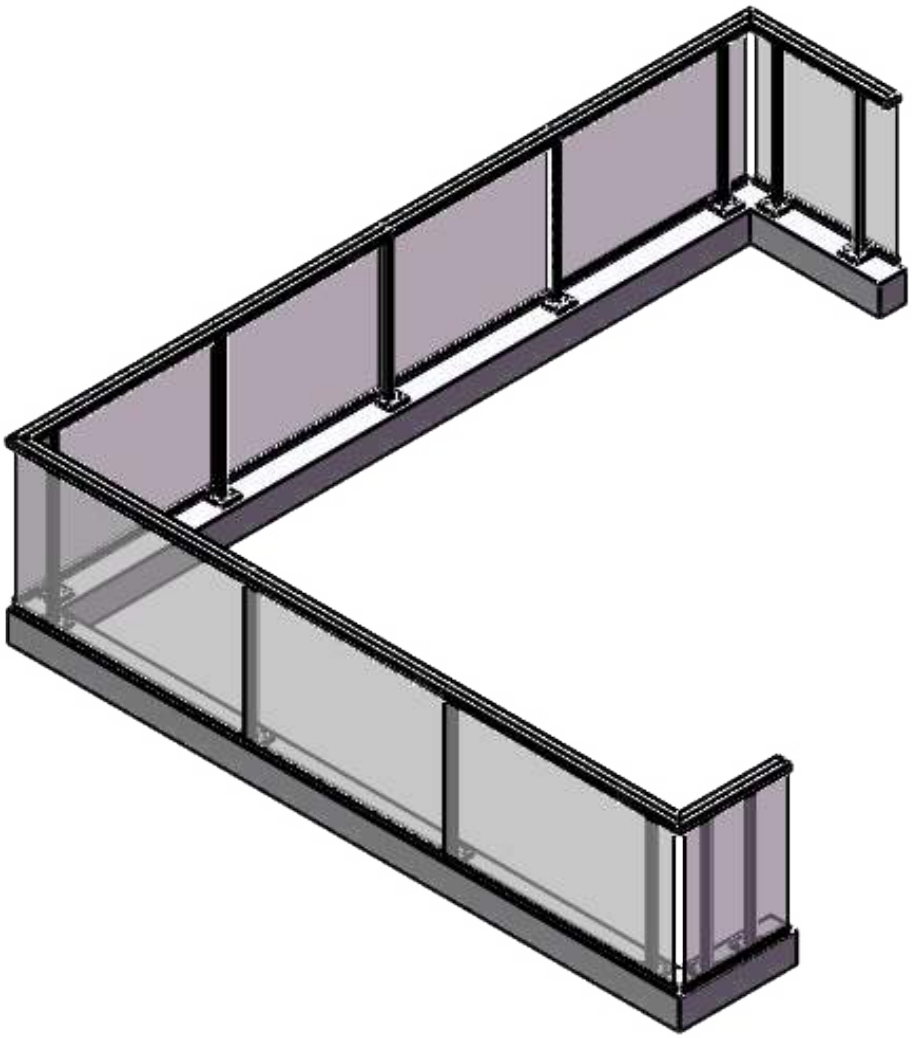
En général, préciser :

- Les descentes d'eaux pluviales
- Les joints de dilatations
- Vérifier les niveaux des dalles
- Relever les épaisseurs des dalles

Cintre

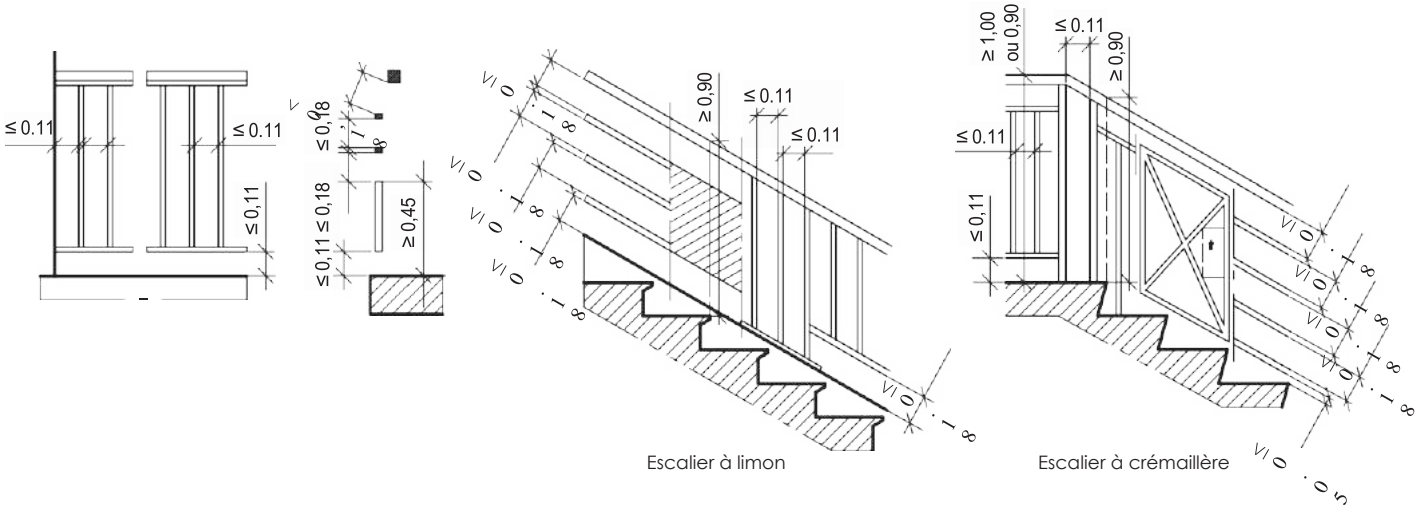


NORMES



Extrait de la norme NFP 01-012

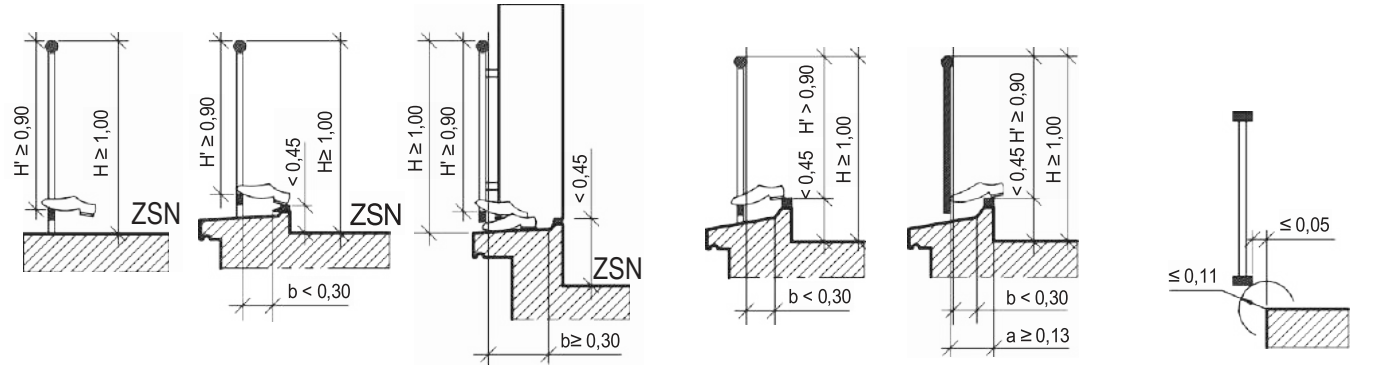
Espacement entre éléments horizontaux et verticaux du garde-corps ou d'un rampant.



Escalier à limon — Escalier à crémaillère

* Pour tous les garde-corps comptant des éléments de composition autres que verticaux et horizontaux, les vides entre éléments ne doivent pas permettre le passage d'un gabarit rectangulaire de 0,25 x 0,11 m. Garde-corps sur palier : le garde-corps sur palier peut prolonger la rampe sur volée d'escalier avec les mêmes éléments de composition, dans les parties en raccordement où la main courante est inclinée, ainsi que dans la partie horizontale lorsque la largeur du jour d'escalier est inférieure ou égale à 0,60 m.

Position du garde-corps



A - Position de la lisse basse ou tout élément bas d'une balustrade dont les barreaux sont espacés de 0,10 m ou plus.

B - Seuil de porte quelle que soit sa largeur.

C - Garde-corps en saillie

Mise en œuvre

Nous conseillons un entraxe des raidisseurs de 1,50m pour les lieux de catégories A et B (habitation et bureau, voir nos rapports d'essais CEBTP). Si l'entraxe des raidisseurs est plus important, seul un essai (statique et dynamique) peut déterminer la tenue du garde-corps.
Pour les grandes longueurs, il est nécessaire de prévoir une dilatation de 1,2 mm par mètre à répartir suivant le type de pose. Le remplissage vitré d'un garde-corps est recommandé avec un vitrage feuilleté 44.2 (pour une surface χ 2m² suivant DTU39.5).

Par scellement

Il y a lieu de prévoir une réservation sur le gros œuvre au droit des raidisseurs. Le trou de scellement respectera les dimensions mini de positionnement et de profondeur selon la nature du support (50 mm mini du bord de la dalle et 80 mm mini de profondeur). Des précautions seront prises pour éviter de couper le ferraillage de la dalle. Des encoches seront effectuées en plusieurs endroits sur la partie basse du raidisseur afin de faciliter la prise du scellement. Pour évacuer d'éventuelles eaux d'infiltration, un trou ø5 sera percé sur chaque raidisseur au ras de la dalle.
Attention de bien caler l'ensemble du garde-corps afin de respecter le niveau et la hauteur des lisses suivant la norme NFP01-012.

Par vissage

Les fixations par platines et sabots sur le gros œuvre s'effectuent par l'intermédiaire de chevilles qui seront choisies d'après les critères de sélection suivants :
- nature du support
- tenue aux chocs
- profondeur d'ancrage
- distance aux bords de dalle

Il est impératif de se reporter aux prescriptions des fabricants de chevilles.

Charges d'exploitation

Les charges d'exploitation horizontales sont celles de l'amendement de la norme NFP06-111-2 publié en mars 2009 «Eurocodes-bases de calcul des structures-partie 2 : annexe nationale à l'EN1991-1-1»

Les charges d'exploitation varient en fonction du lieu d'installation. Les charges définies par la norme NF P 06-111/2/A1 sont représentées dans le tableau ci-dessous.

CATEGORIE DE BATIMENT	EXEMPLES	CHARGES D'EXPLOITATION HORIZONTALES qh Selon la norme NFP06-111-2/A1
Catégorie A : Habitations résidentielles	Pièces des bâtiments et maisons d'habitation, chambres et salles des hôpitaux, chambres d'hôtels et de foyer, cuisines et sanitaires	600N/m
Catégorie B : Bureaux		600N/m
Catégorie C1 à C4 : Lieux de réunion (à l'exception des surfaces des catégories A, B et D)	C1 : Espaces équipés de tables, etc. Par exemple : écoles, cafés, restaurants, salles de banquet, salles de lecture, salles de réception. C2 : Espaces équipés de sièges fixes. Par exemple : églises, théâtre ou cinéma, salles de conférence, amphithéâtre, salles de réunion, salles d'attente. C3 : Espaces ne représentant pas d'obstacle à la circulation des personnes. Par exemple : salles de musée, salles d'exposition, etc. et accès des bâtiments publics et administratifs, hôtel, hôpitaux, gares. C4 : Espaces permettant des activités physiques. Par exemple : dancing, salles de gymnastique, scènes.	1000 N/m
Catégorie D : Commerces	D1 : Commerces de détail courants D2 : Grands magasins	1000N/m

IMPORTANT : Nos garde-corps n'ont pas été testés pour les catégories de bâtiments C5 et E mentionnés par la norme NFP06-111-2/A1.

Essais des garde-corps

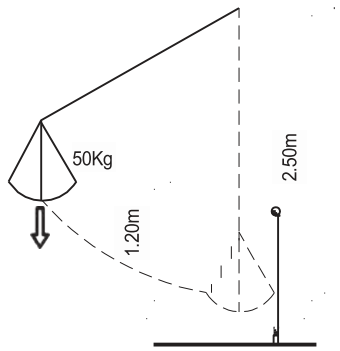
Méthode et critères suivants norme NF P01-013 édition Août 1988, extrait du paragraphe 1.2 - Domaine d'application.

La présente norme s'applique aux garde-corps de bâtiments définis par la norme NF P01-012. Elle concerne le comportement intrinsèque des garde-corps rectilignes à l'exclusion de leur fixation à la structure. Les essais tels que définis ci-après suffisent à justifier ce comportement.

Pour que les essais des garde-corps métalliques soient représentatifs, il faut que les caractéristiques mécaniques (limite élastique, rupture et allongement) du matériau utilisé pour l'essai soient connues et que la limite élastique ne dépasse pas de plus de 30% la limite élastique garantie.

La présente norme ne s'applique pas :

- Aux garde-corps à usage industriel définis dans la norme NF E 85-101
- Aux garde-corps consacrés aux ouvrages d'art qui répondent aux exigences requises par le fascicule 61-titre II du Ministère de l'urbanisme et du Logement et du ministère des transports.



Exécution de l'essai dynamique :

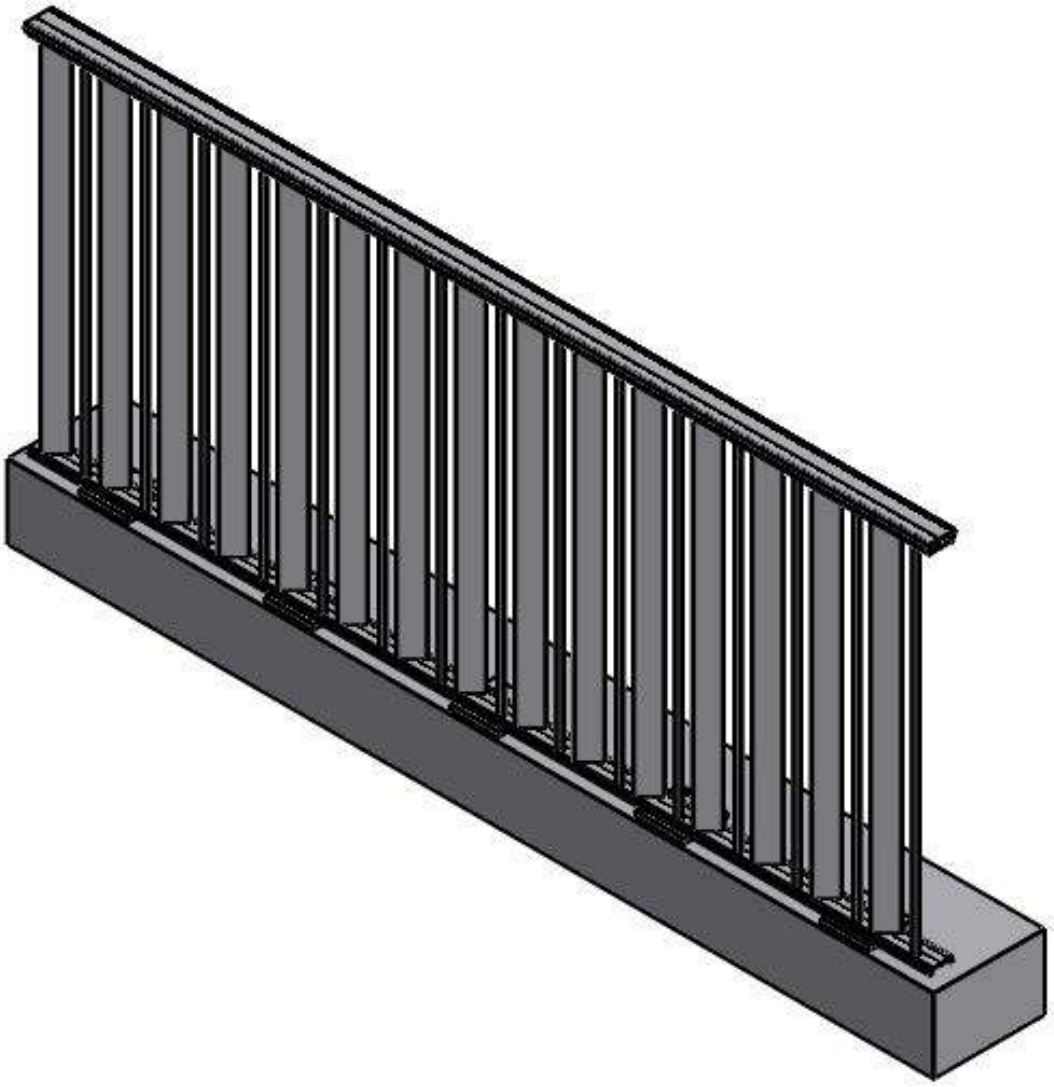
1- Petit corps dur (uniquement sur remplissage) :
Une bille d'acier de 0.5kg tombe de 0.75 m de haut dans un mouvement pendulaire

2- Grand corps mou :
Un sac de billes de 50kg tombe de 1,20m de haut, dans un mouvement pendulaire suivant croquis ci-contre. Le choc doit porter sur le centre géométrique de l'élément de remplissage (voir norme NF P01-013 édition Août 1988, paragraphe 2.3.2).

Nota : nos garde-corps ont été testés suivant norme citée en référence ci-dessus.

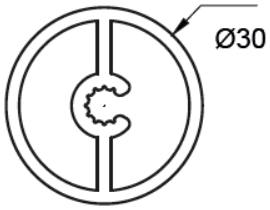
Certificats disponibles sur demande

GAMME IRON



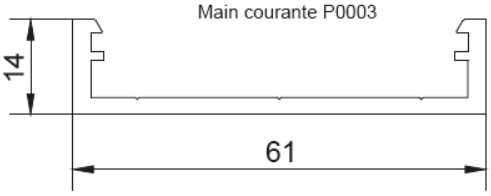
PROFILS + ACCESSOIRES Iron

P0003
Main courante



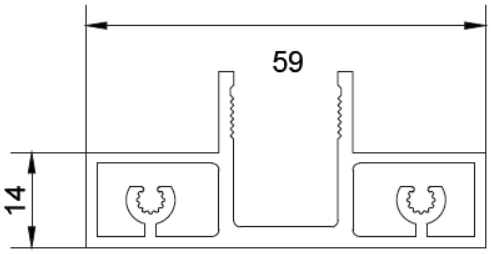
P0106
Lisse ronde

P0109
Lisse haute pour
Main courante P0003



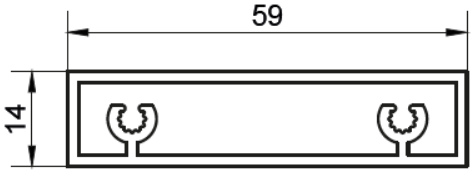
Lisse intermédiaire
pour remplissage

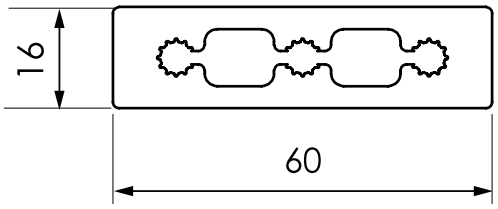
P0417



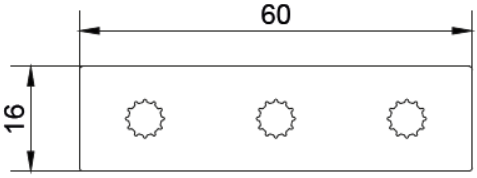
Profil : P0003

P0413
Lisse intermédiaire/ barreau

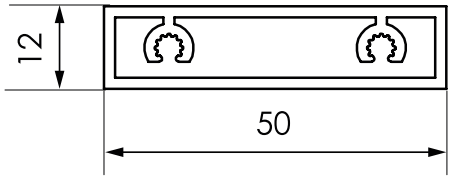




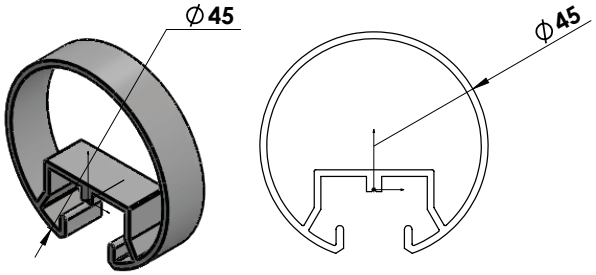
P0307



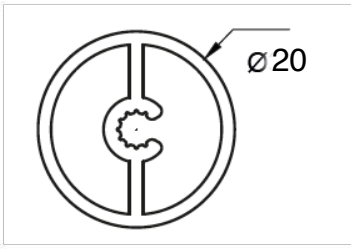
P0300
poteaux



P0419
Nouvelle lisse plate

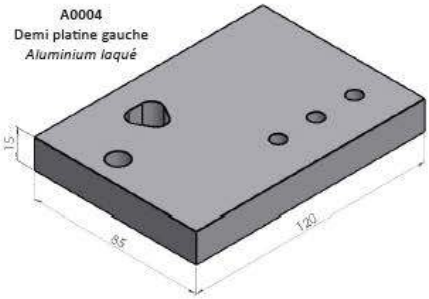


P0414
Main courante ronde Ø45

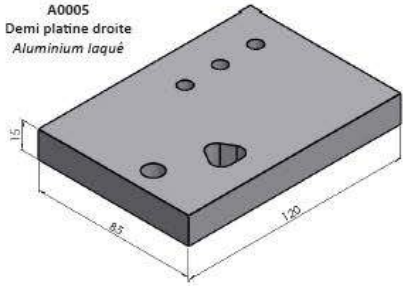


P0117
Nouvelle lisse ronde

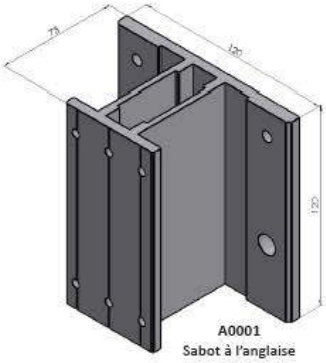
PROFILS + ACCESSOIRES Iron



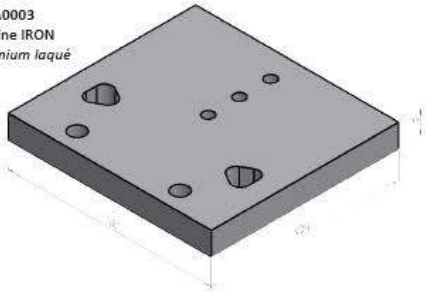
A0004
Demi platine gauche
Aluminium laqué



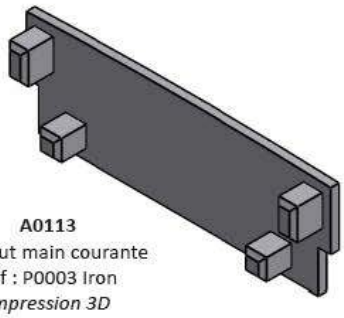
A0005
Demi platine droite
Aluminium laqué



A0001
Sabot à l'anglaise
Aluminium laqué

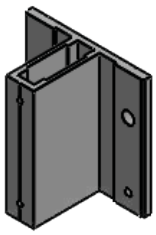


A0003
Platine IRON
Aluminium laqué

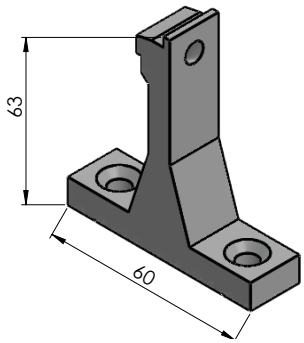


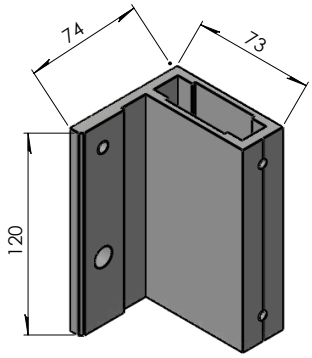
A0113
Embout main courante
Réf : P0003 Iron
Impression 3D

A0013
Sabot simple poteau

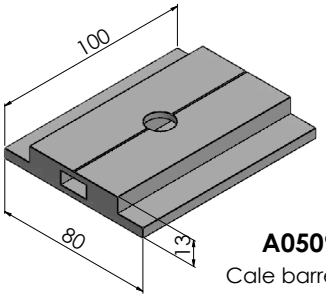


G1247
Tête de poteau

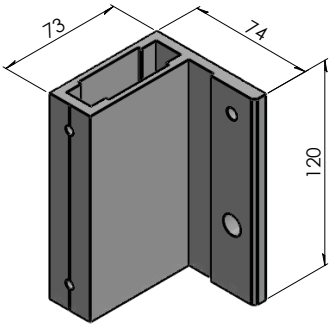




A0021
Sabot droit



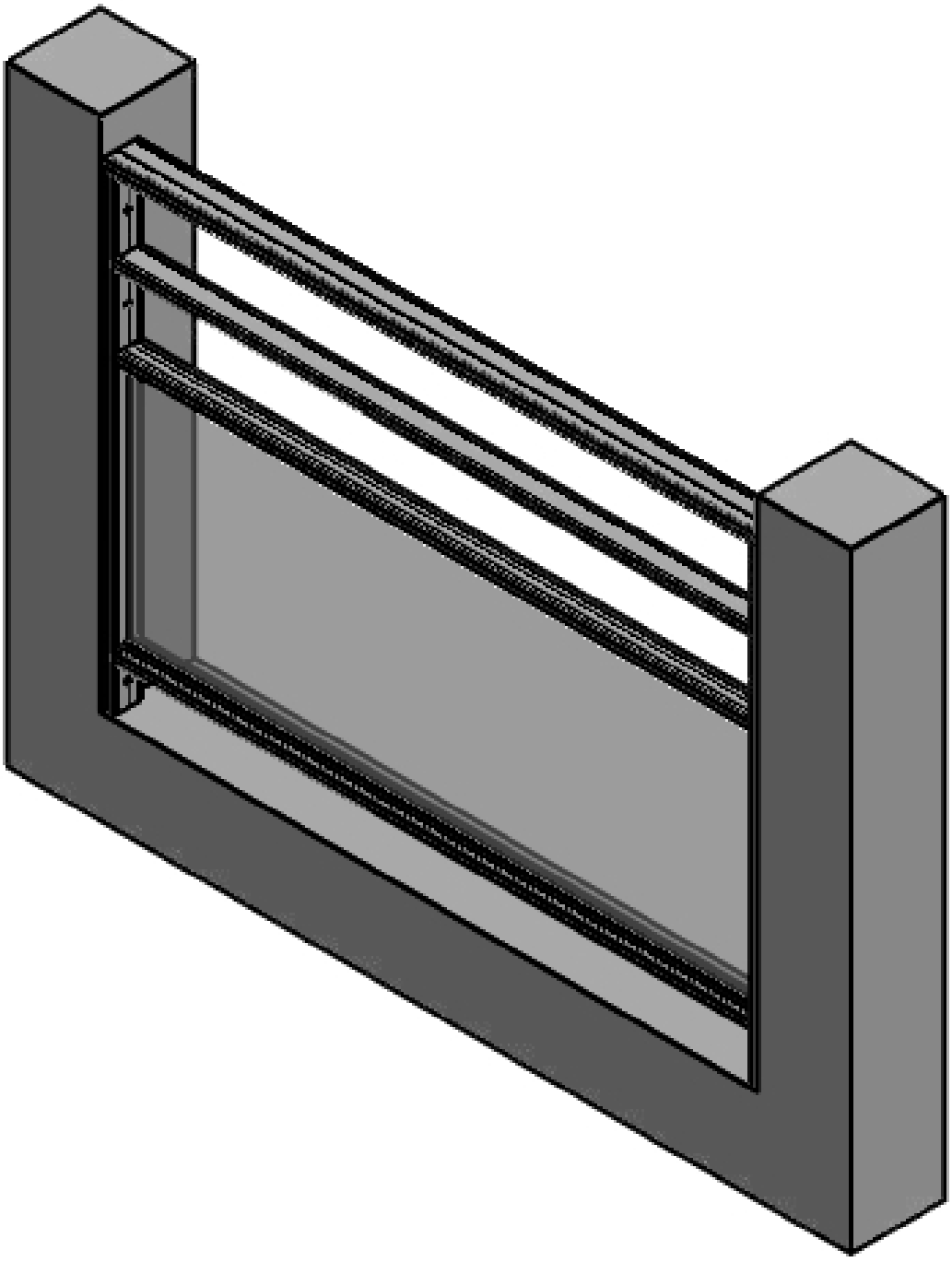
A0509
Cale barreaux

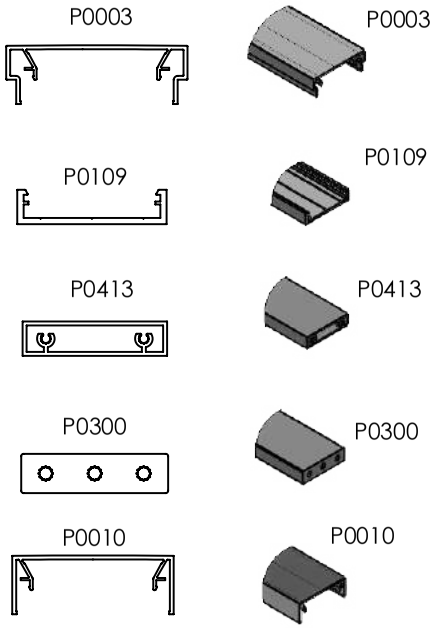


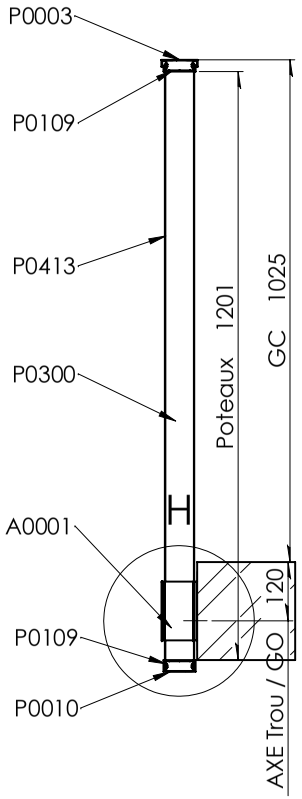
A0022
Sabot gauche

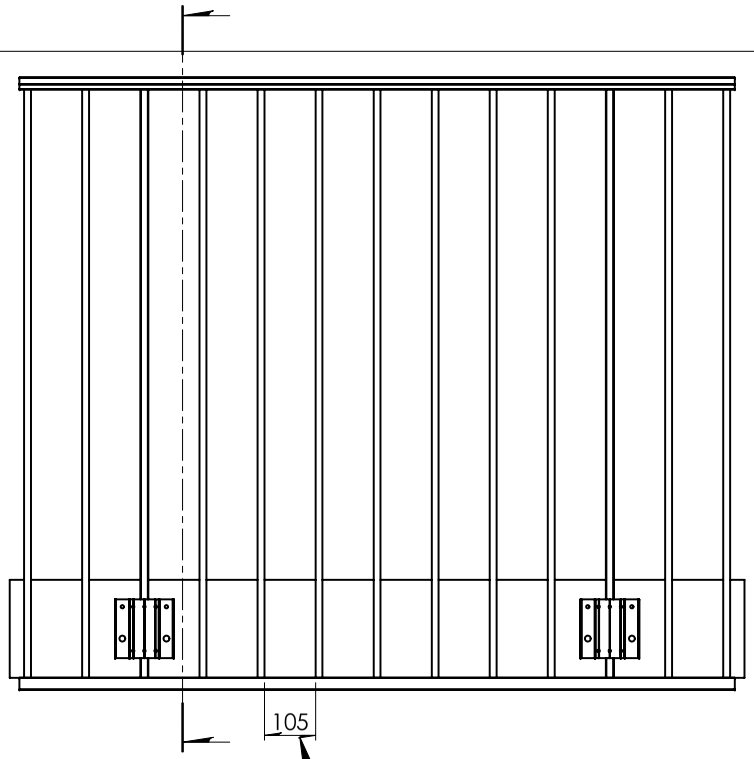
MODÈLES

Iron

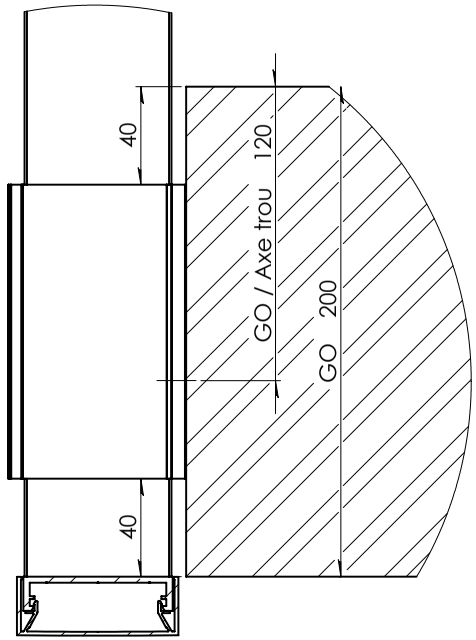


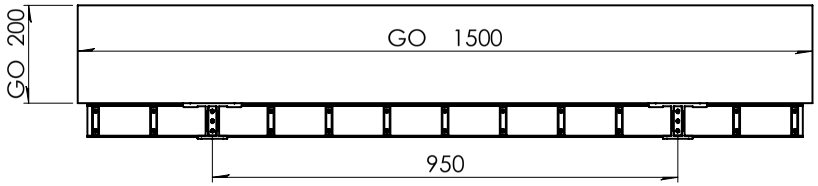






Cotes entre barreaux 110mm MAXI

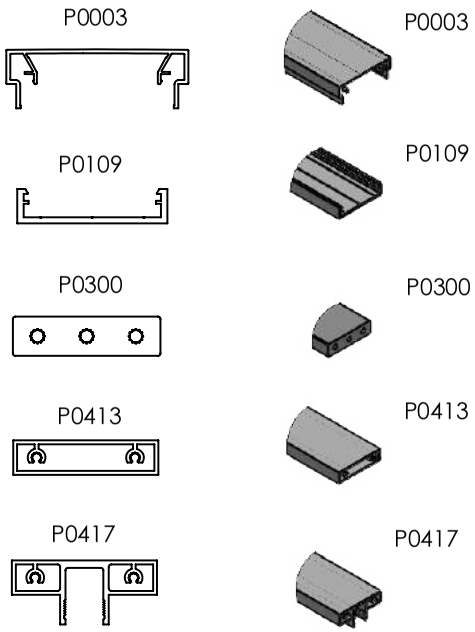


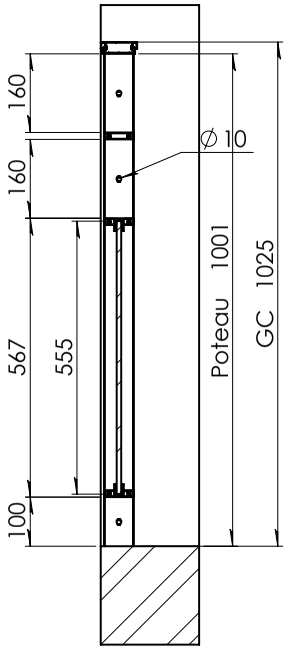


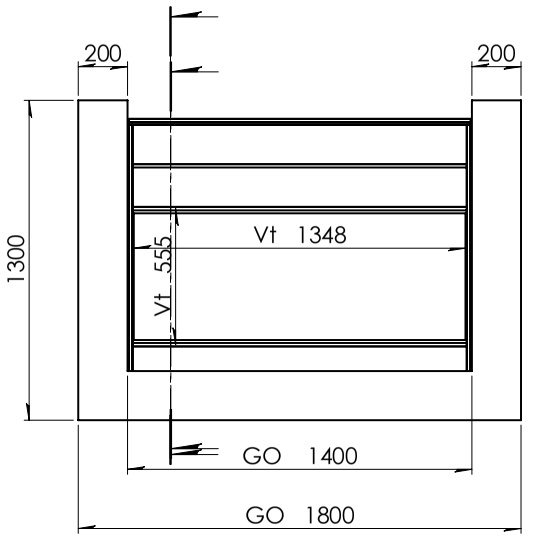
Entraxe Maxi 1500mm dans le privé
et 1000mm norme ERP.

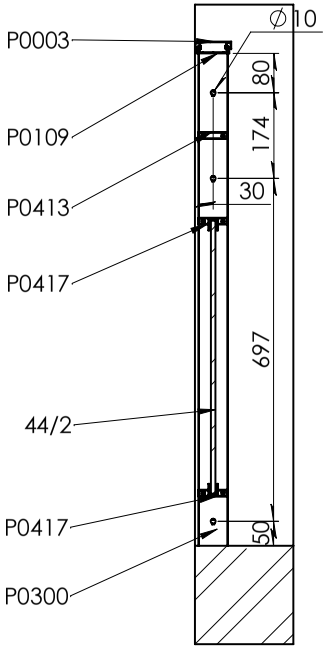
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

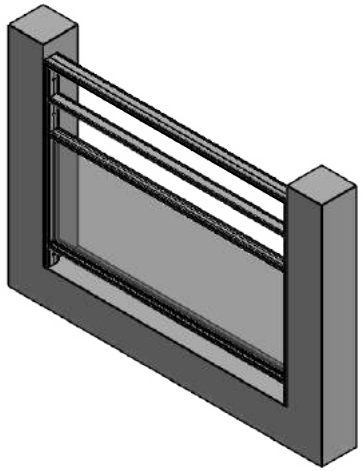
BODYGUARD			DESIGNATION : GC IRON barreaudé pose a l'anglaise		
Date	09/03/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 182.1878	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:10	

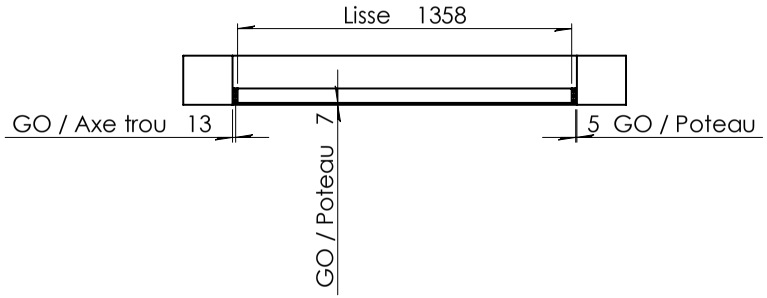












Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

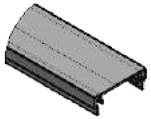
GC IRON FIXATION TABLEAU

Date	24/02/2020	Matière : 6060-T5-test	Client :
Dessiné par	M.Joubert	Masse : 460.4218	Affaire :
Révision	A		Feuille 1 sur 1
			Echelle : 1:20

A3

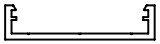
IRON - 8 lisses sous main courante - Sabot A0001-P0003

P0003



P0003
Main courante

P0109



P0109
Lisse non perforée

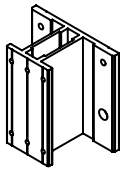
P0300

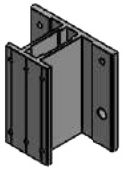
P0300
Poteau

P0106

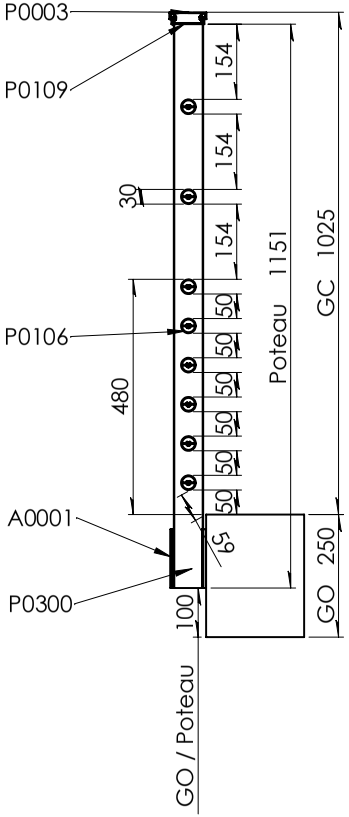
P0106
Lisse ronde

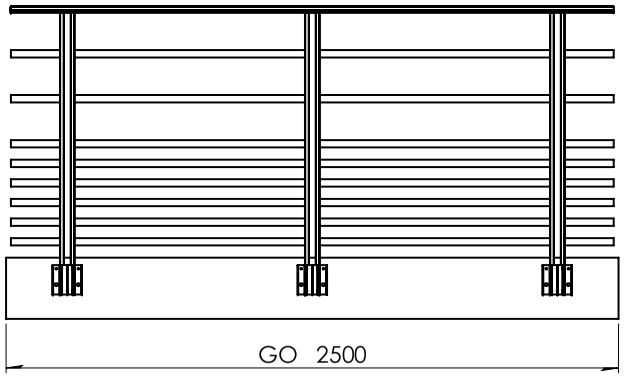
A0001



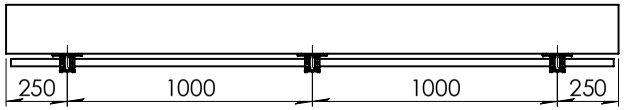


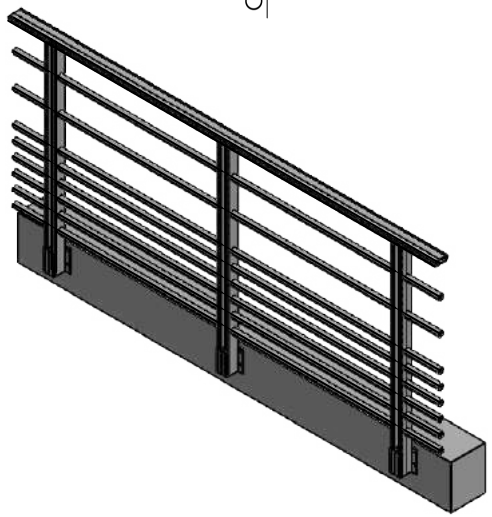
A0001
Sabot





Entraxe Maxi 1500mm dans le privé
et 1000mm norme ERP.





Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

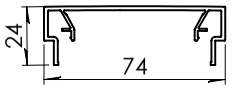
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

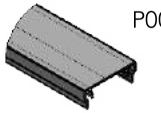
GC IRON-LISSE-Sabot-A0001-P0003

Date	24/02/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 371.3558	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

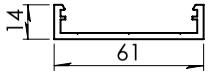
P0003



P0003

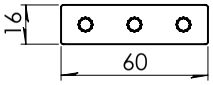


P0109



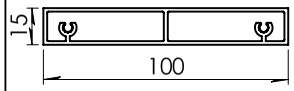
P0109

P0300



P0300

P0206



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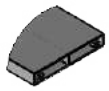
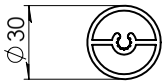
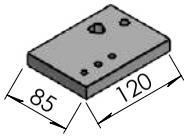


P0106

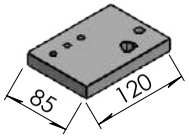


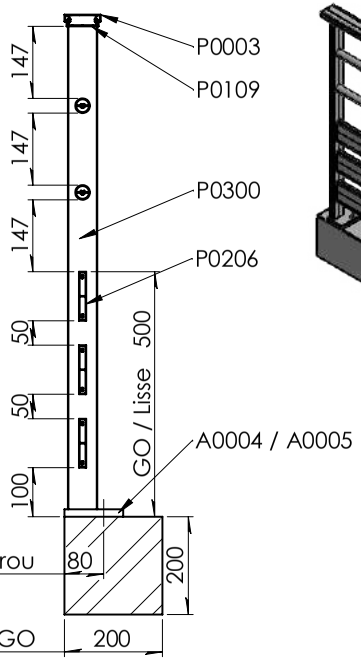
P0106

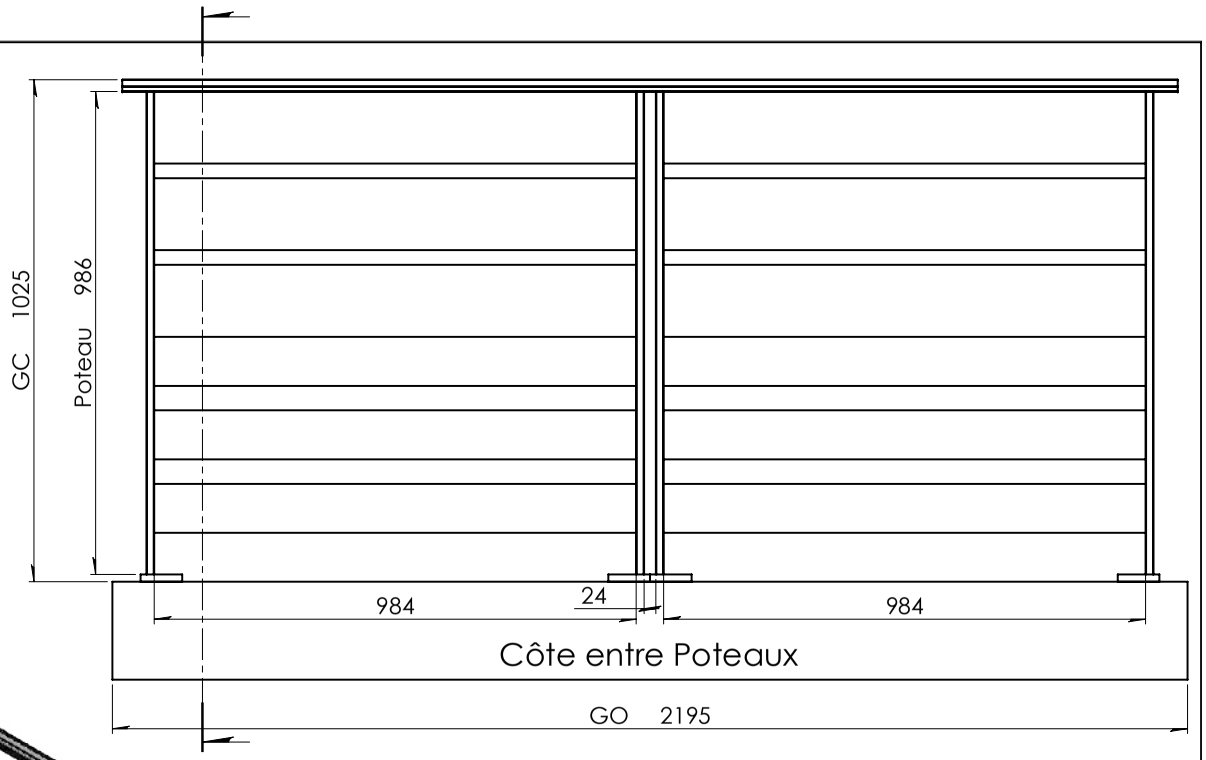
A0005

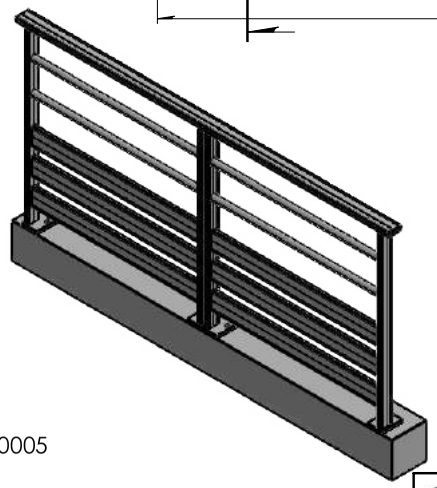


A0004

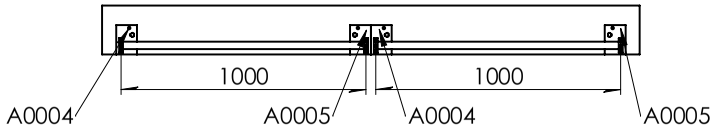








Entraxe Maxi 1500mm dans le privé
et 1000mm norme ERP.



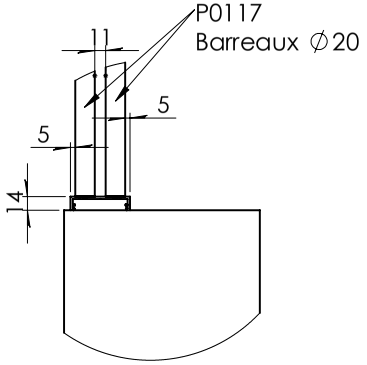
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS
Embellir votre sécurité, notre métier

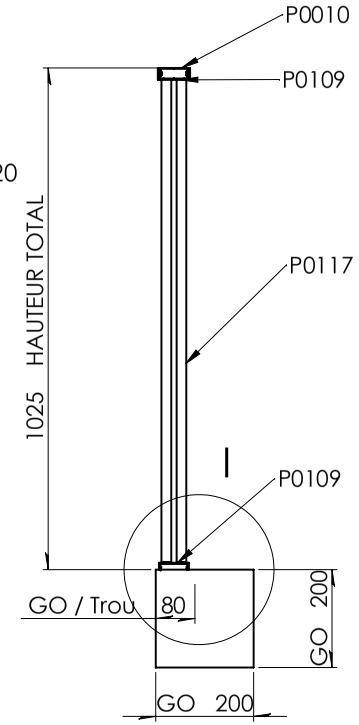
DESIGNATION :

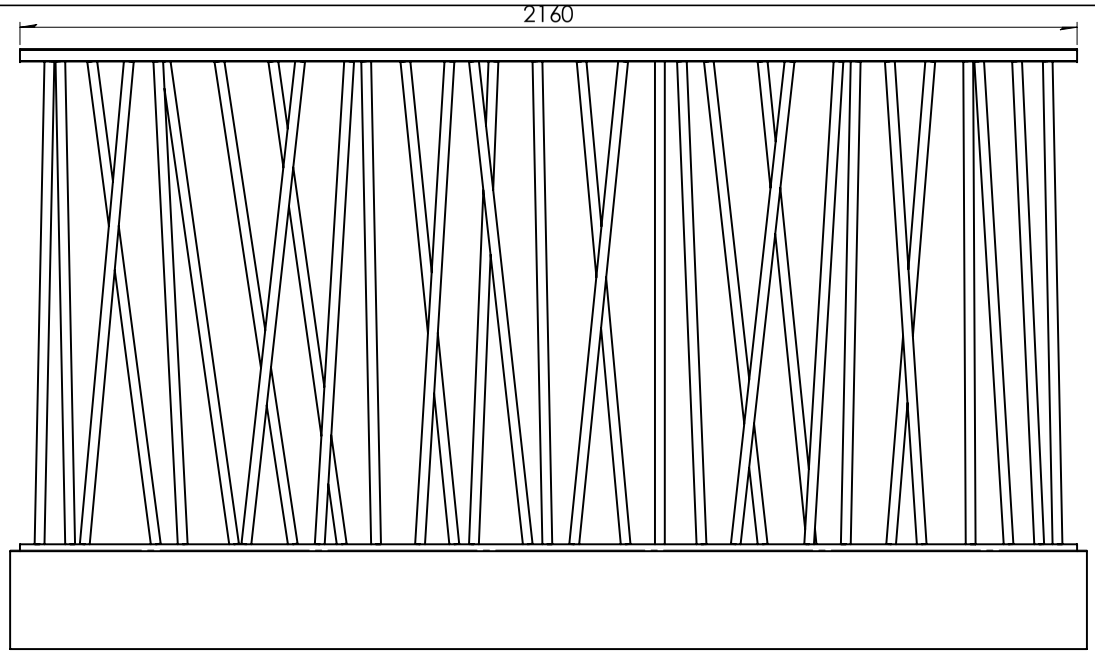
GC IRON Barreau P0206 et P0106

Date	19/04/2021	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 259.8710	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

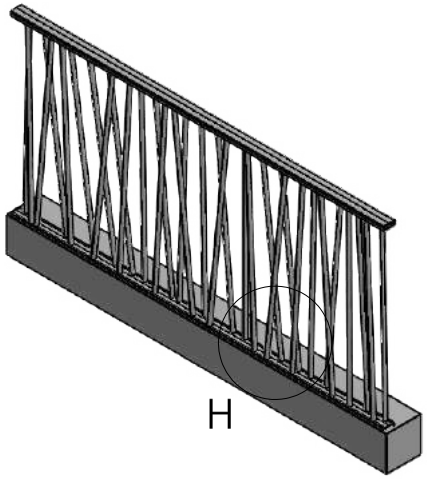


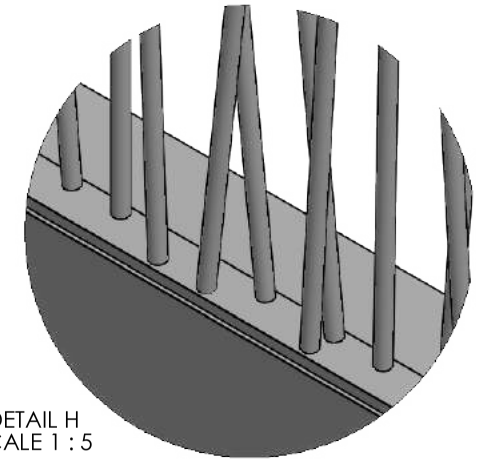
DETAIL I
SCALE 1 : 5





Espace maximum entre barreaux : 110 mm

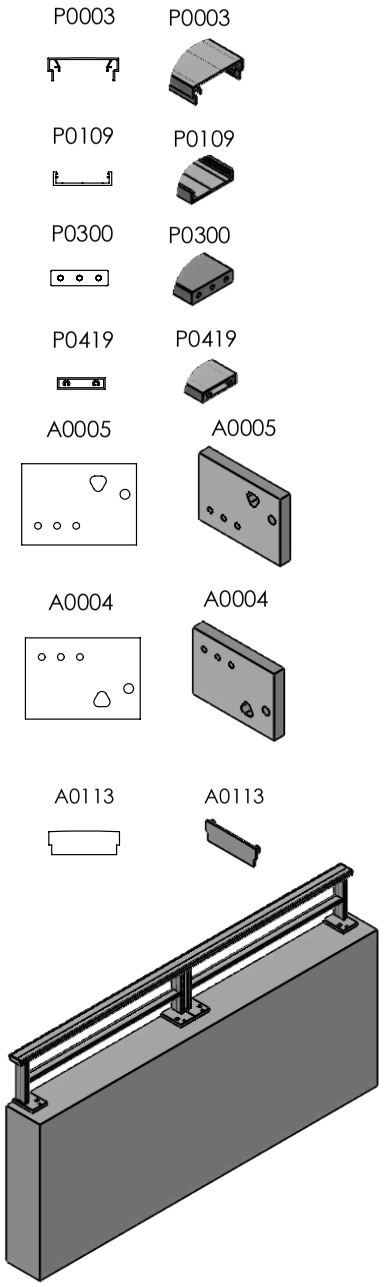


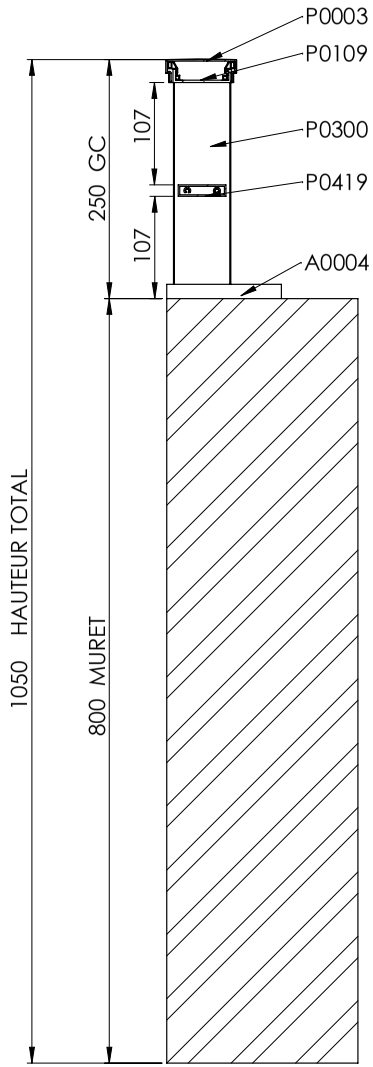


DETAIL H
SCALE 1 : 5

Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

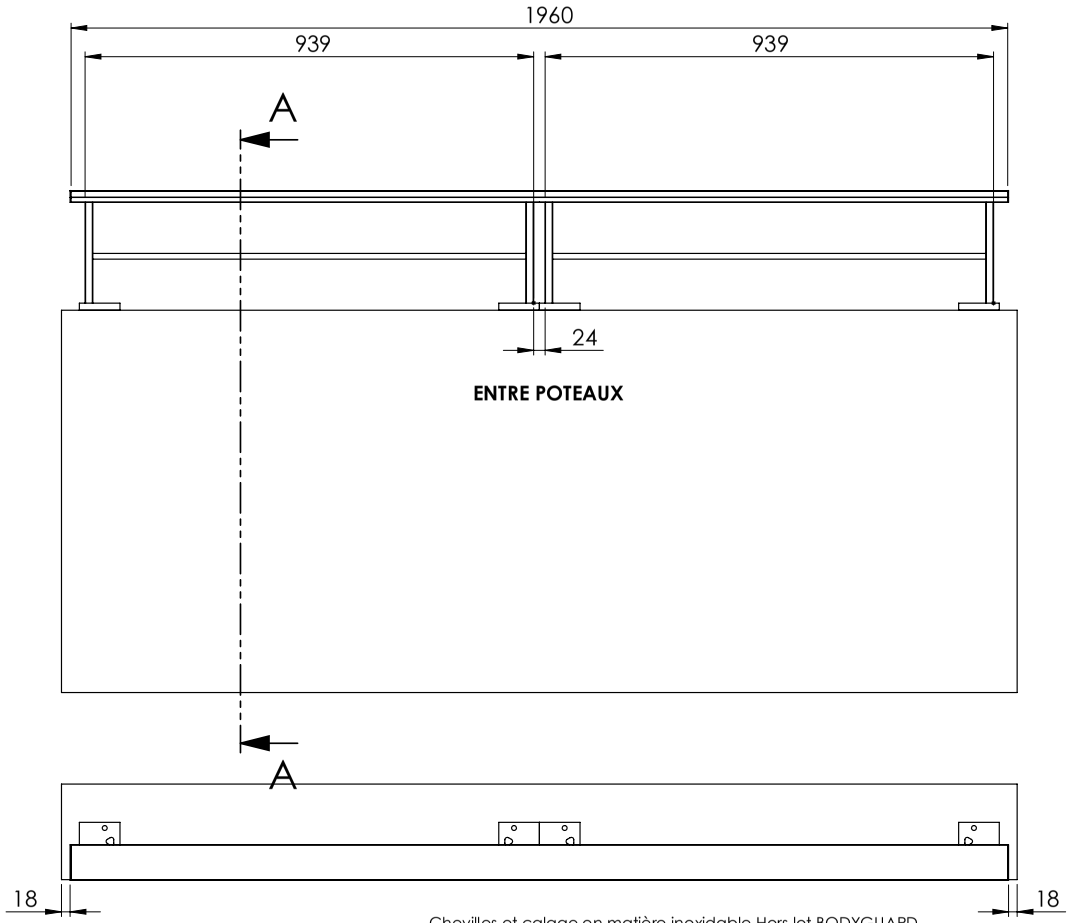
BODYGUARD			DESIGNATION : GC IRON Barreaudé Lisse Ronde		
Date	22/10/2020	Matière : 6060-T5-test	Client : FICHE PRODUIT		
Dessiné par	J. CHAUVY	Masse : 254.6063	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	





SECTION A-A

ECHELLE 1 : 5

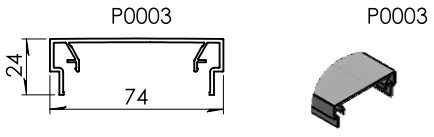


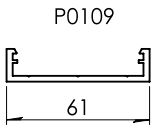
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

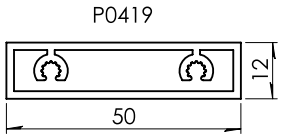
DESIGNATION :

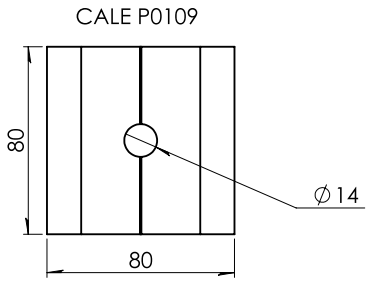
GC IRON DOUBLE POTEAU POSE SUR MURET LISSE P0419

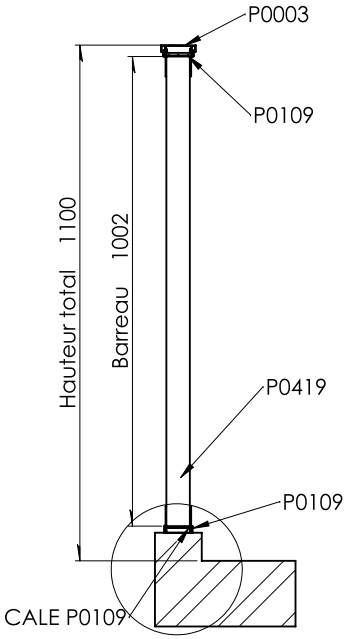
Date	23/07/2020	Matière :	Client :		
Dessiné par	J. CHAUVY	Masse : 871224.92	Affaire :	Feuille 1 sur 1	A3
Révision				Echelle : 1:10	

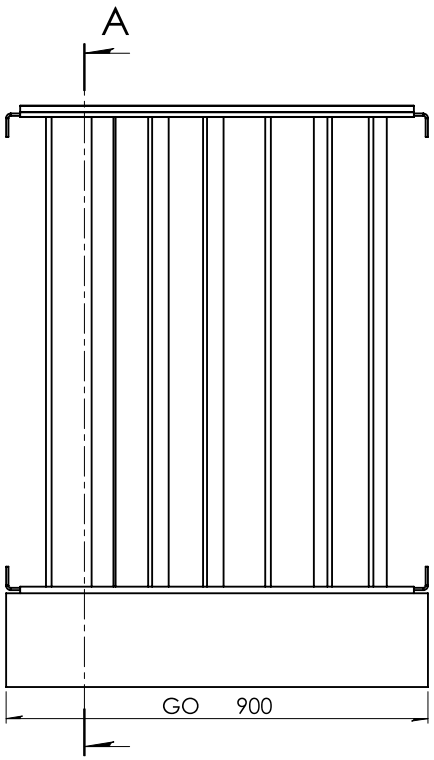


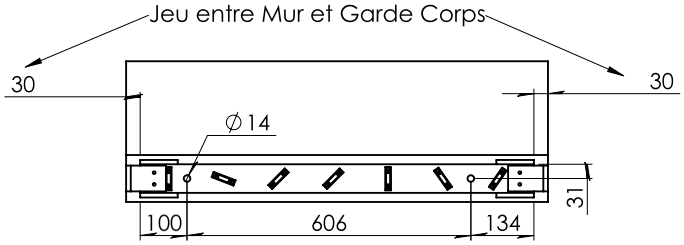




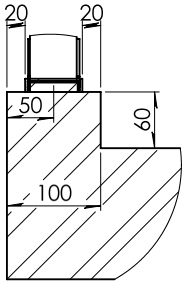


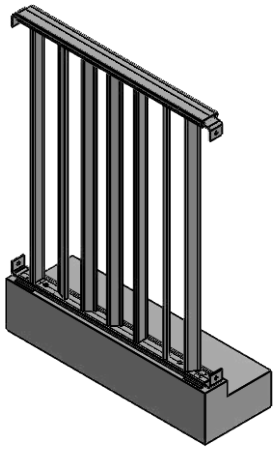






Entraxes trous de fixation sur Lisse basse P0109





RAL 7022 MAT

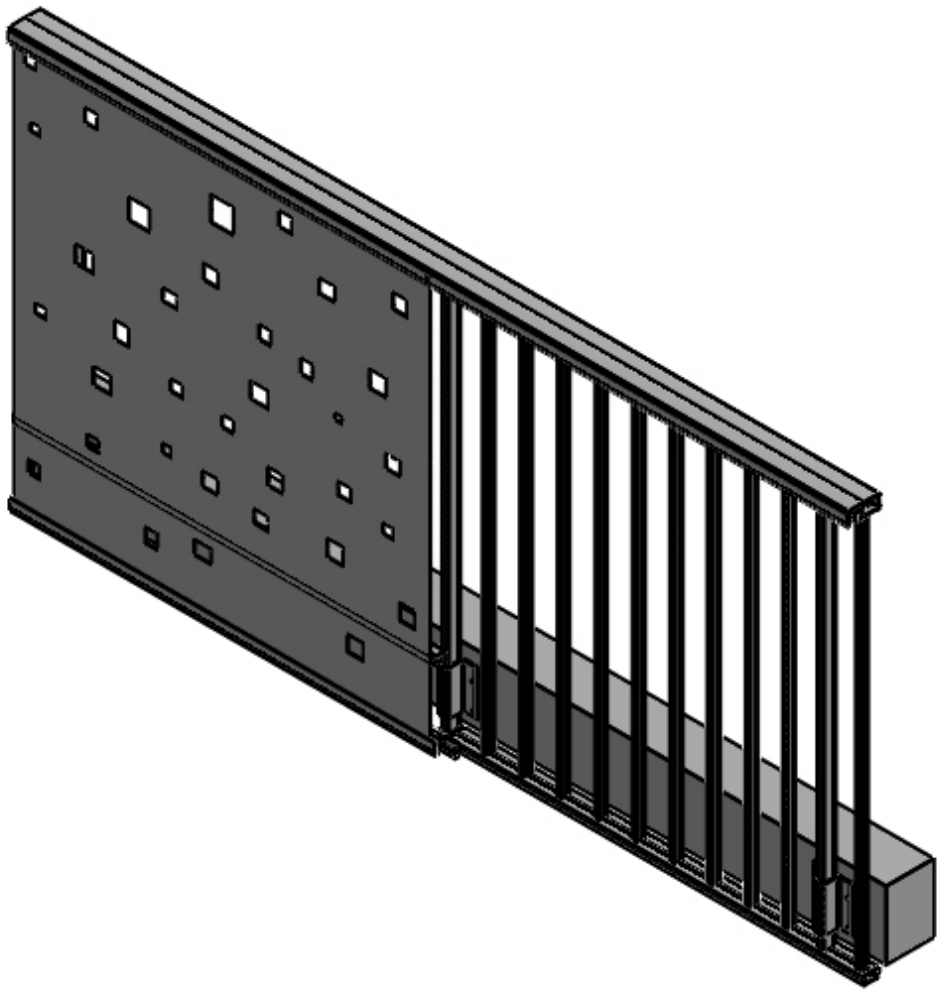
Nombre:

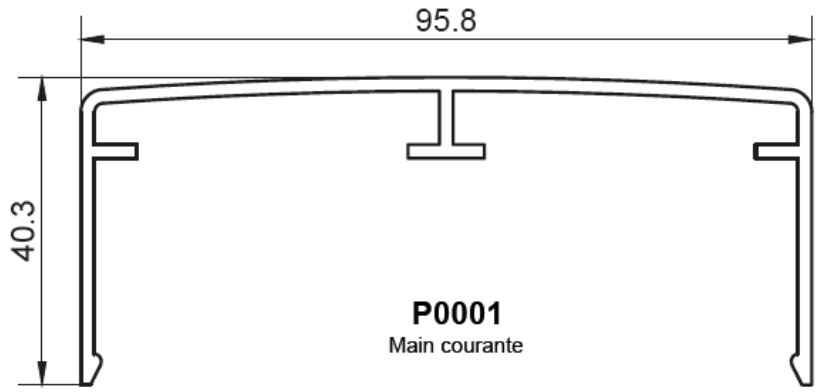
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD			DESIGNATION : GC LG 900 HT 1100		
Date	12/01/2021	Matière : 6060-T5-test	Client : FAUVEAU		
Dessiné par	M.Joubert	Masse : 123.5261	Affaire : LE VERNAY	Feuille 1 sur 2	A3
Révision	A			Echelle : 1:50	

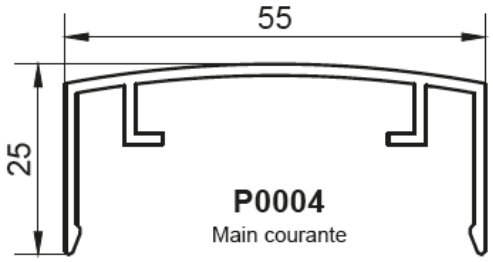
GAMME RAILING FILLING

PROFILS ET ACCESSOIRES

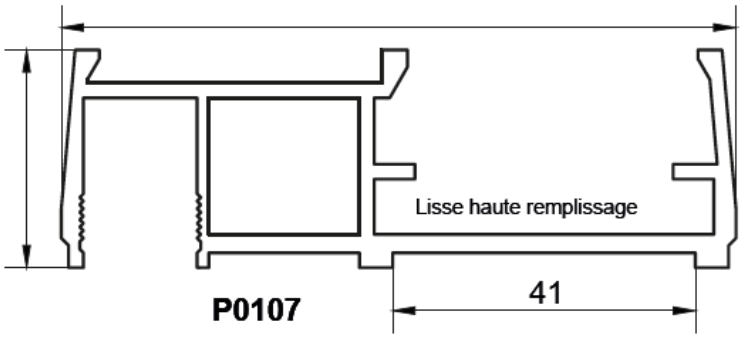




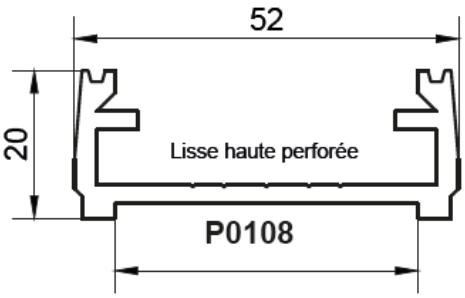
P0001
Main courante



P0004
Main courante

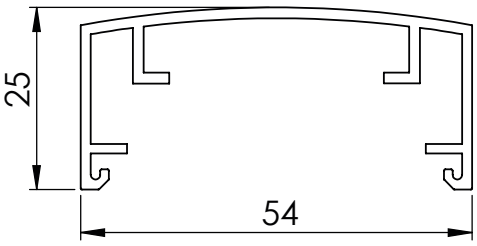


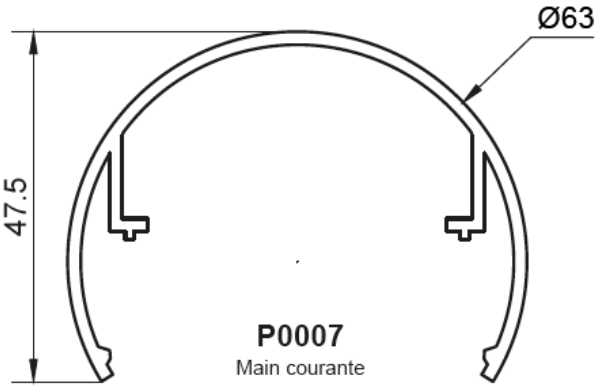
P0107



P0108

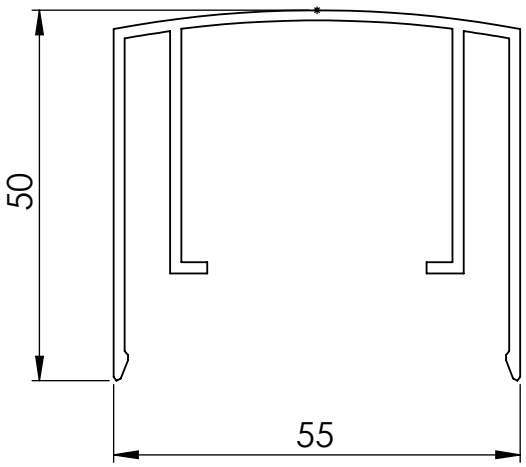
P0002
Main Courante

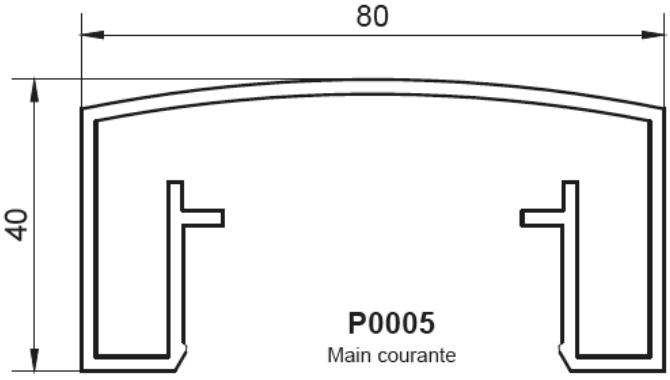




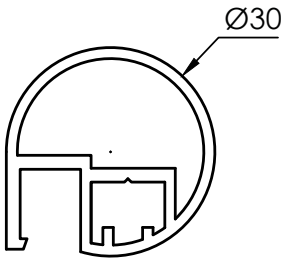
P0007
Main courante

P0012
Main courante 50x55

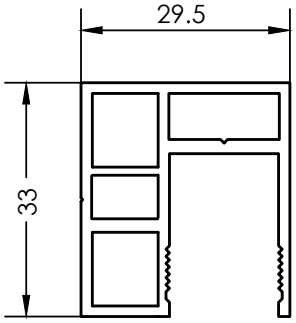




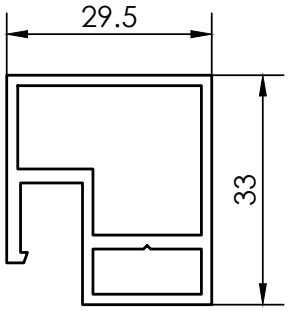
P0005
Main courante



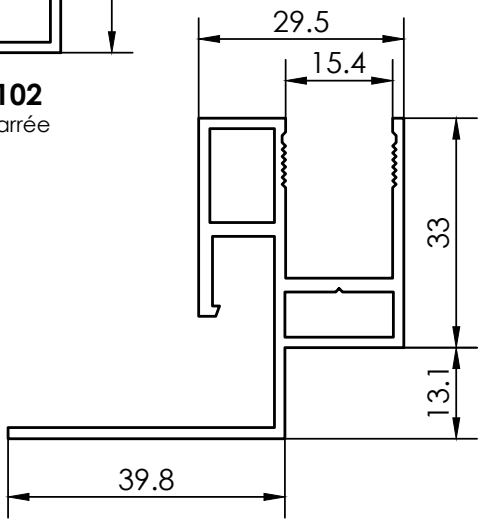
P0114
Lisse diamètre 30



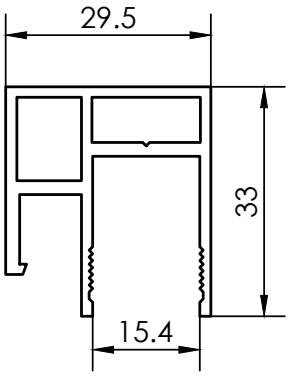
P0415
Lisse de remplissage



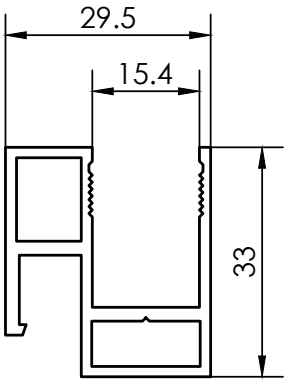
P0102
Lisse carrée



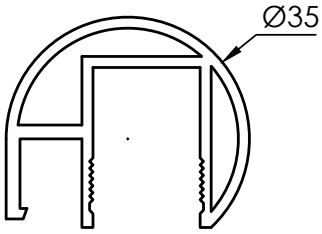
P0105
Lisse basse nez de dalle
pour remplissage



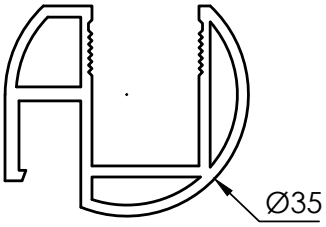
P0101
Lisse haute pour remplissage



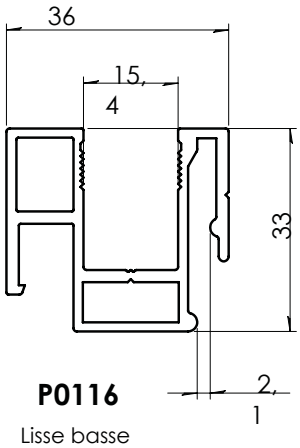
P0104
Lisse basse pour remplissage



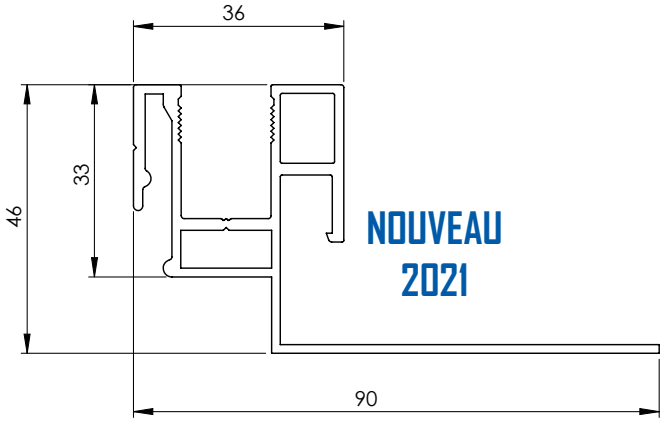
P0112
Lisse ronde haute
pour remplissage



P0113
Lisse ronde basse
pour remplissage

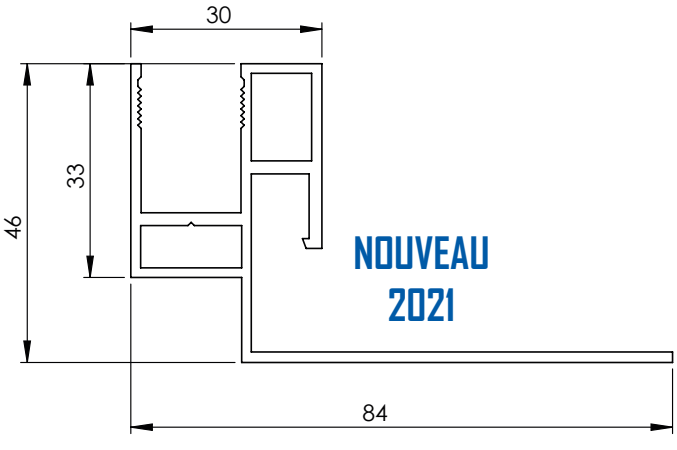


P0116
Lisse basse
habillage tole



NOUVEAU
2021

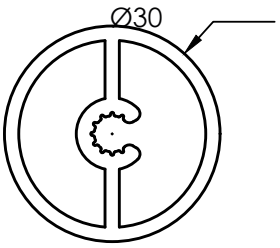
P0119
Lisse basse pour sabot déporté



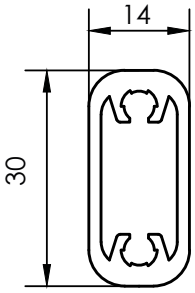
NOUVEAU
2021

P0118
Lisse basse pour sabot déporté

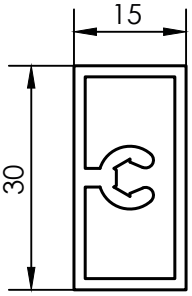
Lisse intermédiaire



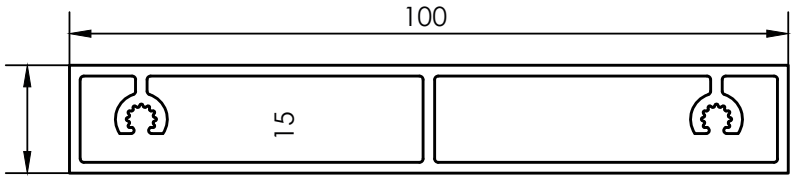
P0106
Lisse ronde



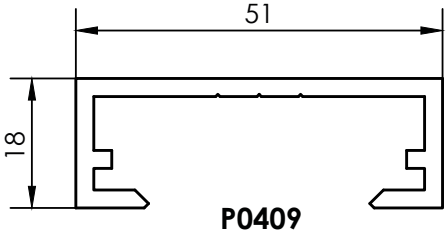
P0200
Barreau



P0202
Barreau

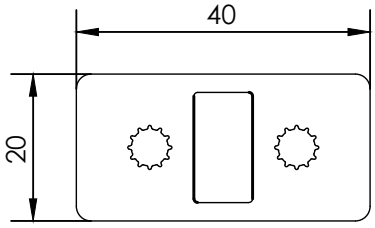


P0206
Lisse

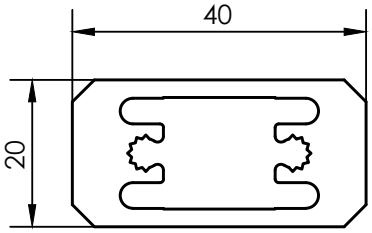


P0409
Lisse basse perforée

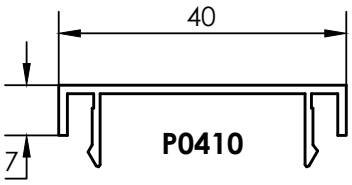
P0110
Lisse basse non perforée



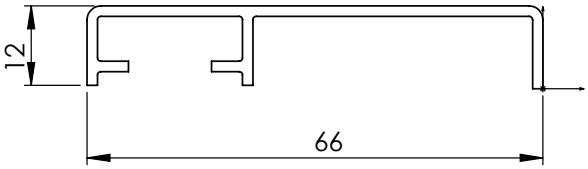
P0304 Poteau **M8**



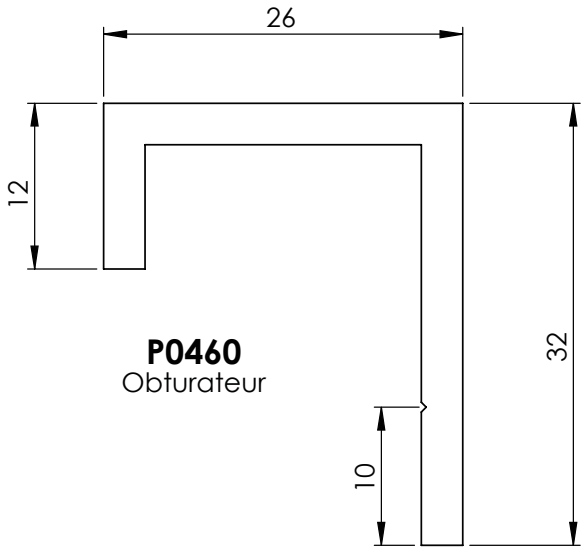
P0303 Poteau **M6**



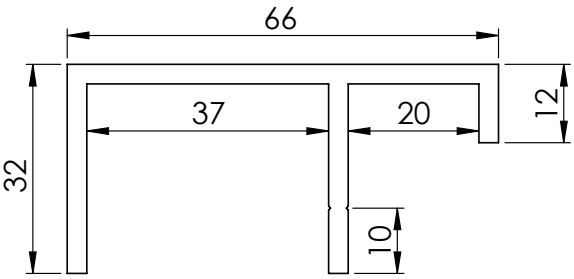
Cache rainure pour P0409 et P0410



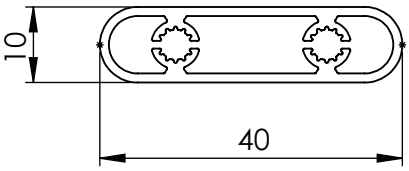
P0450
Obturateur



P0460
Obturateur

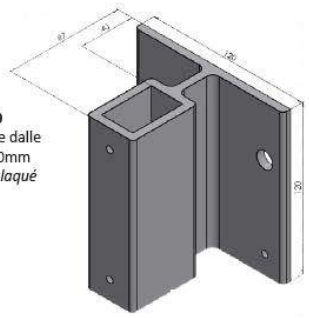


P0470
Obturateur

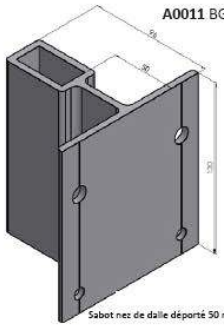


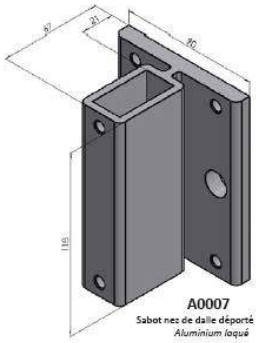
P0222
Barreau 10x40

A0020
Sabot nez de dalle déporté 40mm
Aluminium laqué

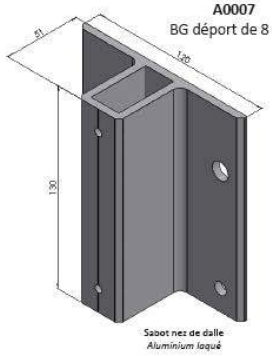


A0011 BG D50

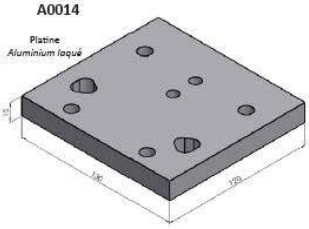


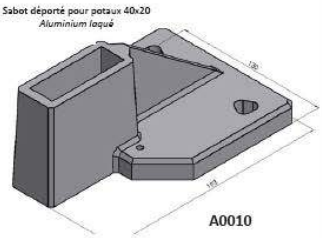


A0007
BG déport de 8 mm



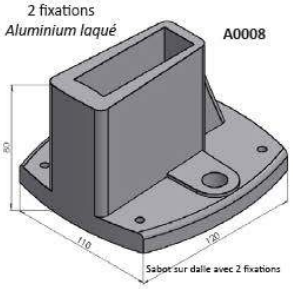
A0014

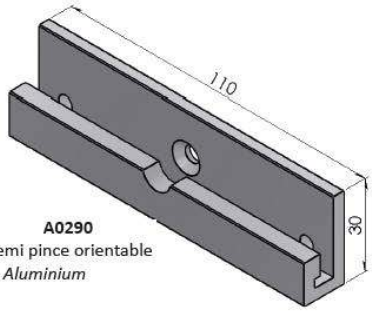




Sabot sur dalle avec 2 fixations
Aluminium laqué

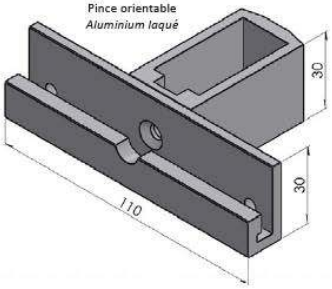
A0008



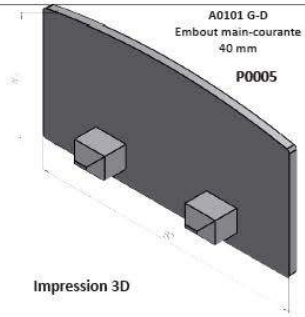


A0290
Demi pince orientable
Aluminium

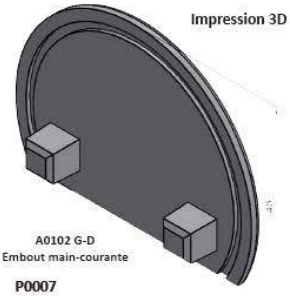
A0204
Pince orientable
Aluminium laqué



A0101 G-D
Embout main-courante
40 mm
P0005

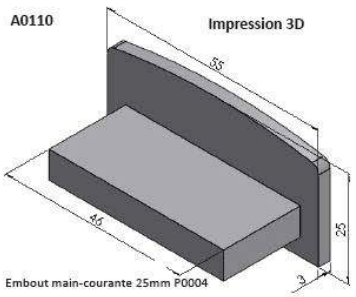


Impression 3D



P0007

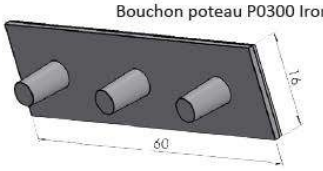
A0110
Impression 3D



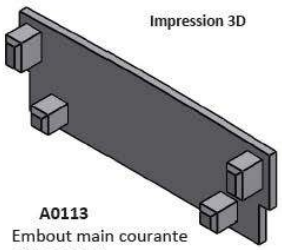
Embout main-courante 25mm P0004

Impression 3D

A0119
Bouchon poteau P0300 Iron

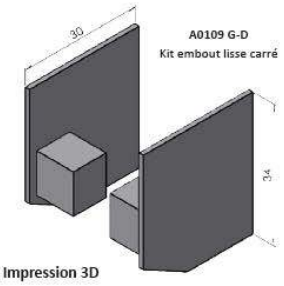


Impression 3D



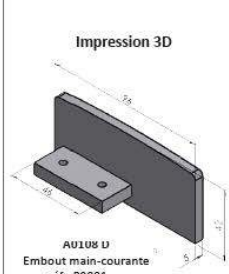
A0113
Embout main courante
Réf: P0003 Iron

A0109 G-D
Kit embout lisse carré

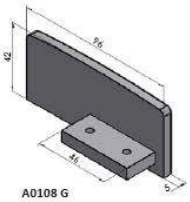


Impression 3D

Impression 3D

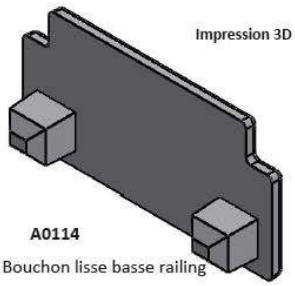


A0108 D
Embout main-courante
réf : P0001



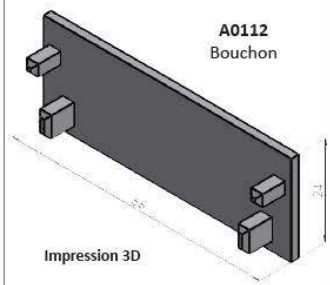
A0108 G
Embout main-courante
réf : P0001

Impression 3D

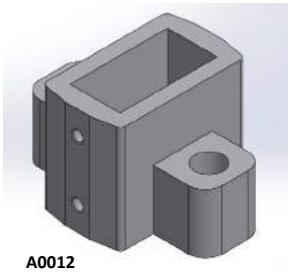


A0114
Bouchon lisse basse railing

A0112
Bouchon

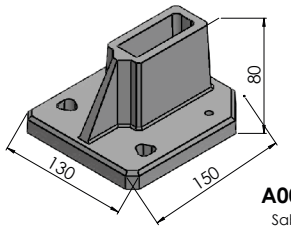


Impression 3D



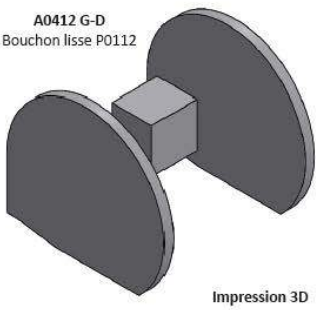
A0012
SABOT

Pose sur muret



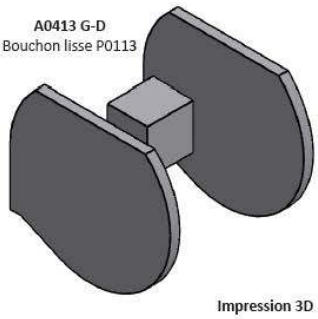
A0015
Sabot

A0412 G-D
Bouchon lisse P0112



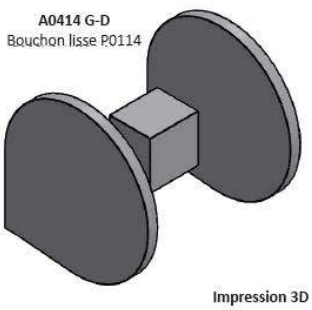
Impression 3D

A0413 G-D
Bouchon lisse P0113



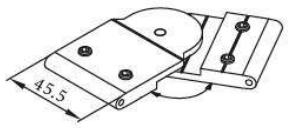
Impression 3D

A0414 G-D
Bouchon lisse P0114



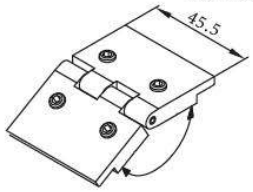
Impression 3D

Profil : P0108



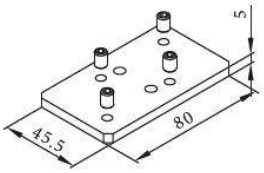
A0207
Eclisse orientable pour lisse haute
Aluminium brut

Profil : P0108



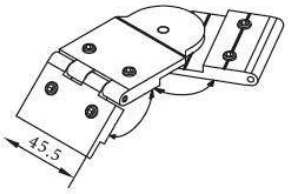
A0208
Eclisse variable pour lisse haute
Aluminium brut

Profils : P0108
P0107



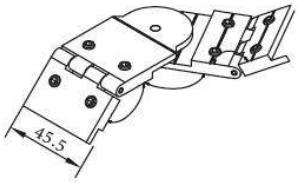
A0300
Raccord de lisse haute
Auminium brut

Profil : P0108



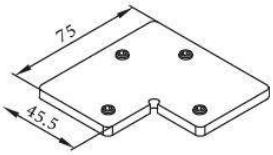
A0202
Eclisse orientable et variable simple
Aluminium brut

Profil : P0108

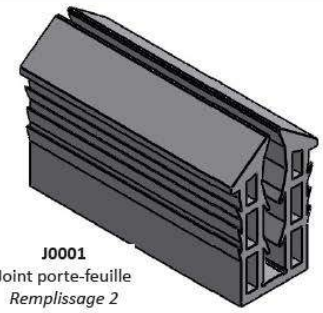


A0203
Eclisse orientable et variable double
Aluminium brut

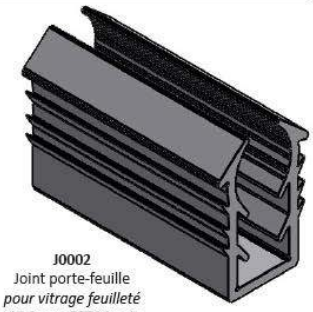
Profil : P0108



A0304
Equerre de lisse haute
Aluminium brut

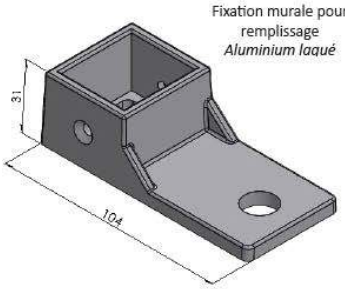


J0001
Joint porte-feuille
Remplissage 2 mm EPDM noir

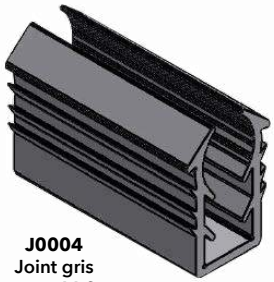


J0002
Joint porte-feuille
pour vitrage feuilleté 44.2 mm EPDM noir

A0701
Fixation murale pour remplissage
Aluminium laqué

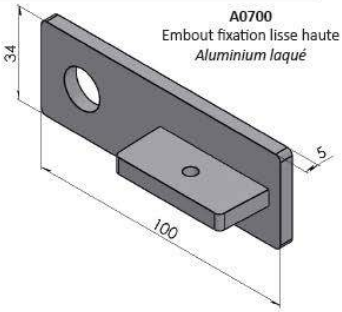


J0003
Joint gris pour 55.2

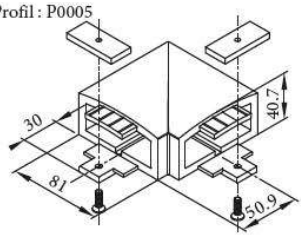


J0004
Joint gris pour 44.2

A0700
Embout fixation lisse haute
Aluminium laqué

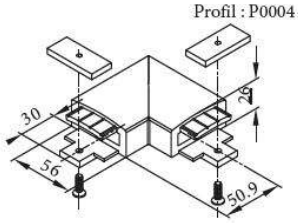


Profil : P0005



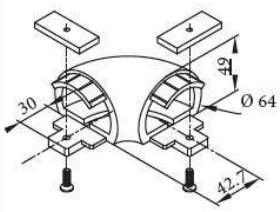
A0303
Raccord main courante réf. P0005
Aluminium laqué

Profil : P0004



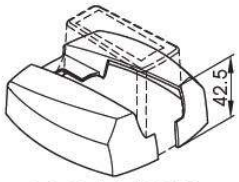
A0305
Raccord main courante réf P0004
Aluminium laqué

Profil : P0007



A0301
Raccord main courante
Aluminium laqué

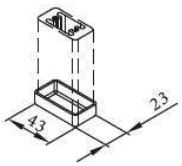
Sabot : A0008



A0604 / A0603

Option : Cache sabot
Aluminium laqué

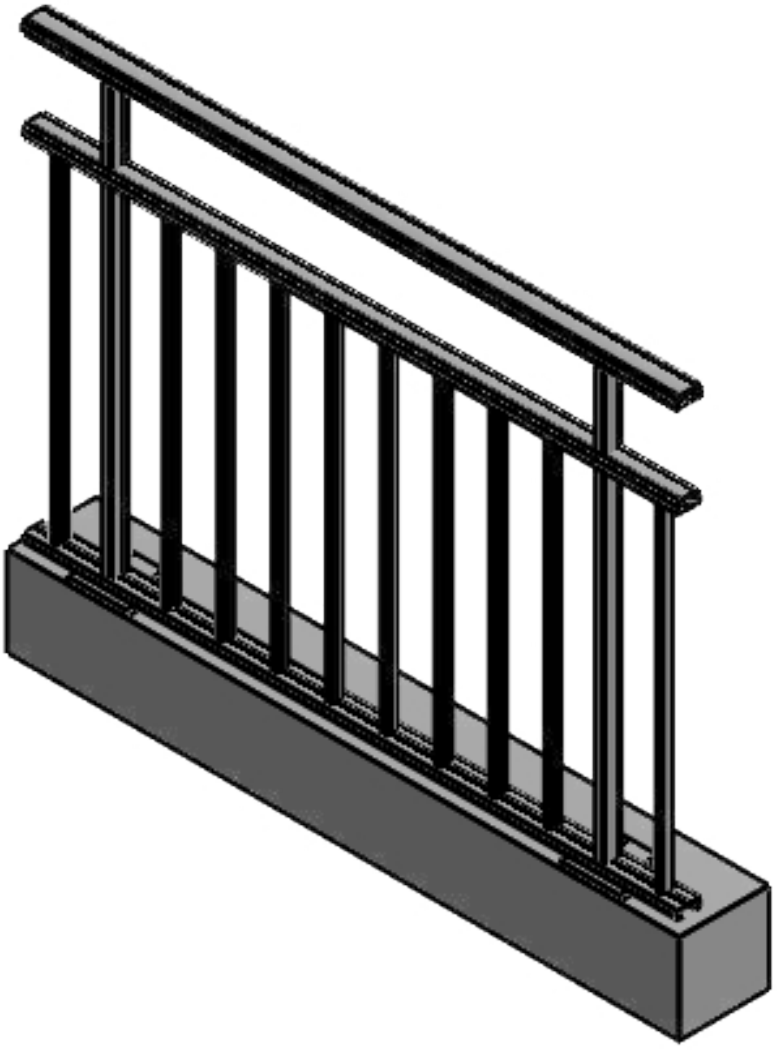
Profils : P0301
P0302



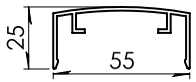
A0605
Bouchon raidisseur *PVC souple - Blanc, gris ou noir*

MODÈLES

Railing



P0004



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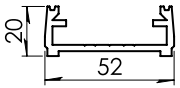
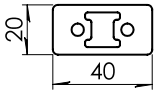


P0304



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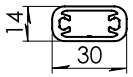
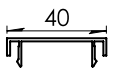
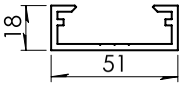


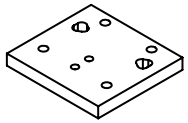
P0410

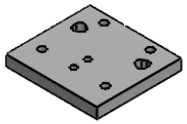


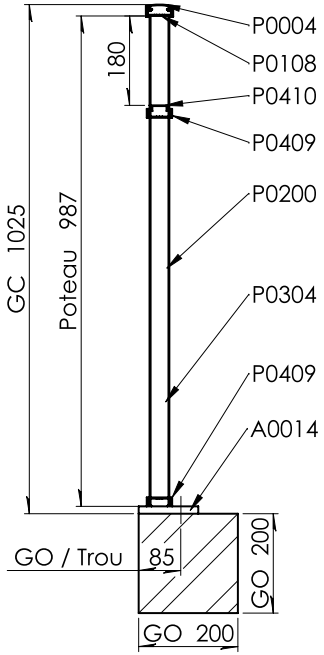
P0409

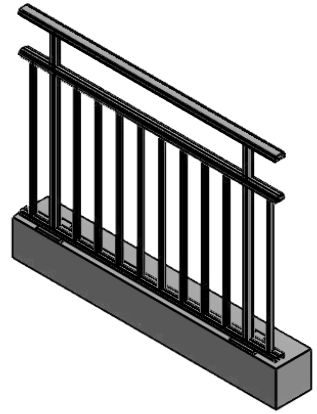


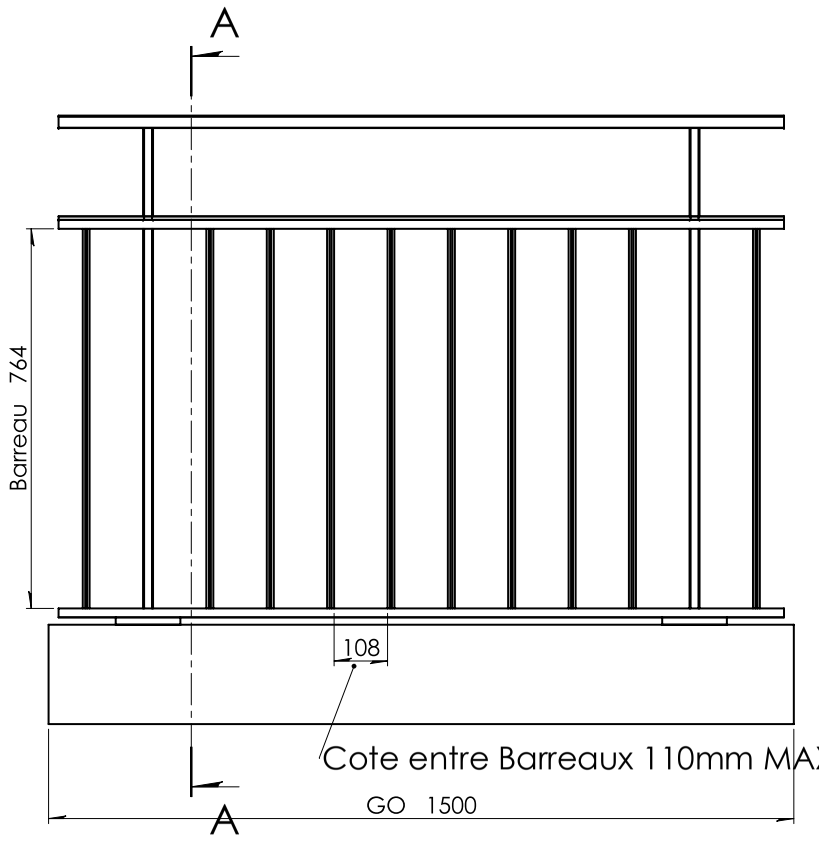
A0014



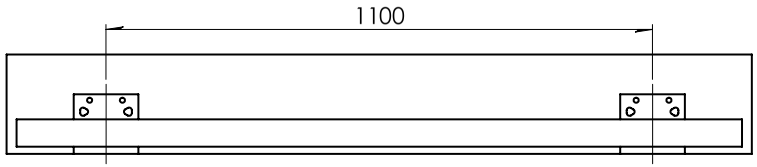








Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.



Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

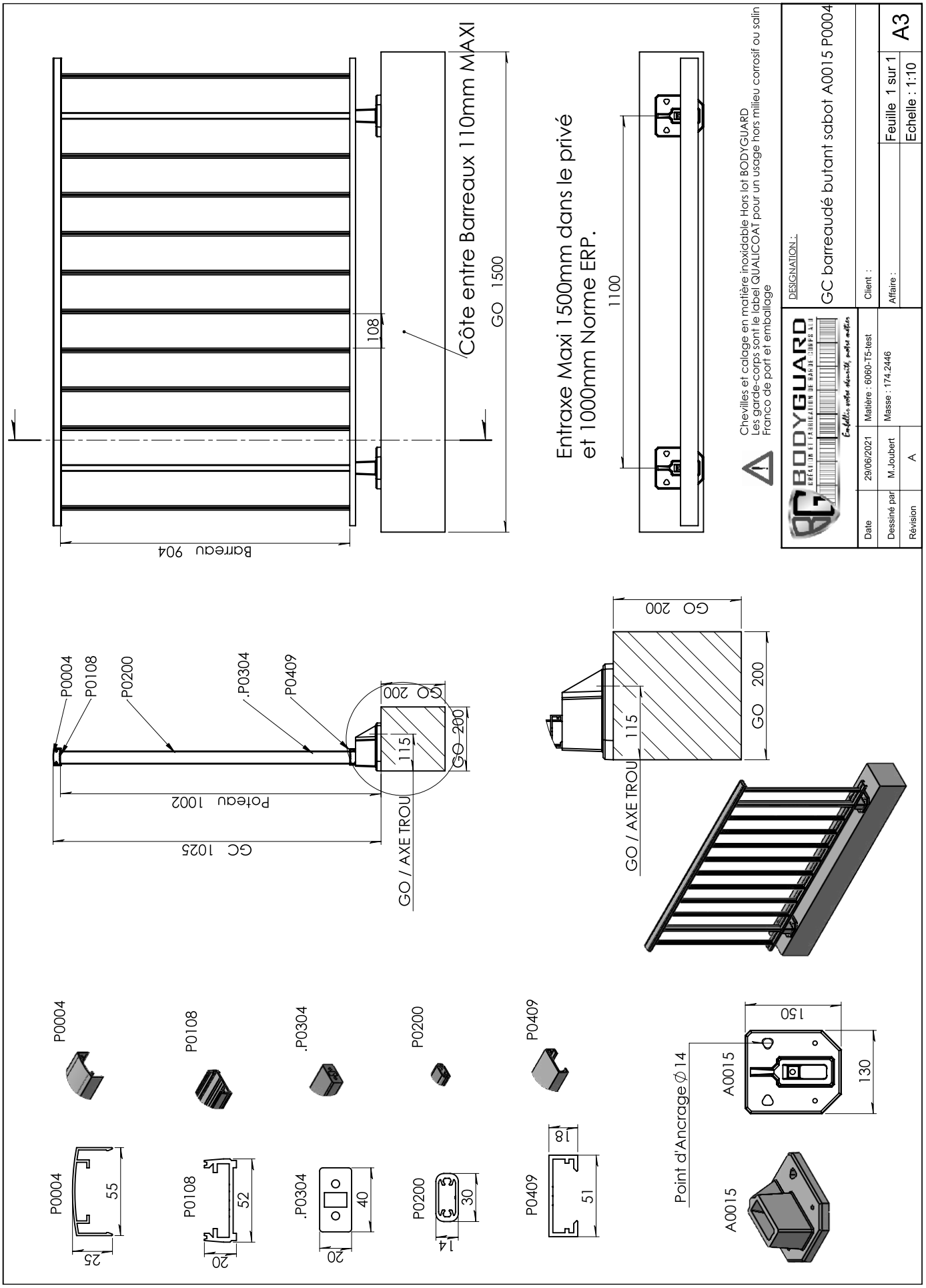
DESIGNATION :

GC barreaudé-non-butant

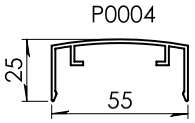
Date	09/03/2020	Matière : 6060-T5-test	Client :	
Dessiné par	M.Joubert	Masse : 174.1821	Affaire :	Feuille 1 sur 1
Révision	A			Echelle : 1:10

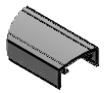
A3

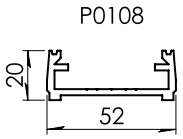
RAILING - Barreaudé - Butant sous main courante - Sabots A0007BG - P0004

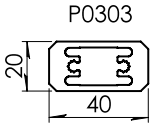


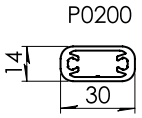
RAILING - Barreaudé - Butant sous main courante - Sabots déportés - P0004

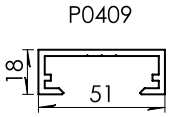


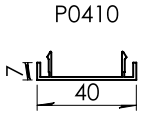


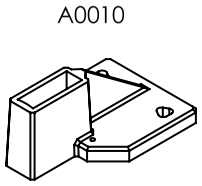


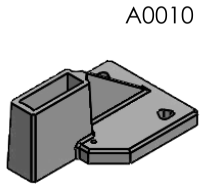


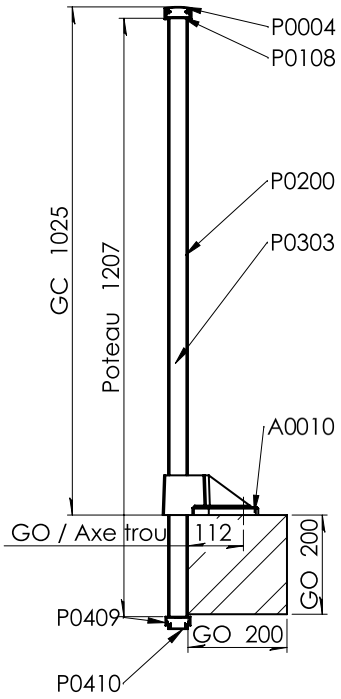


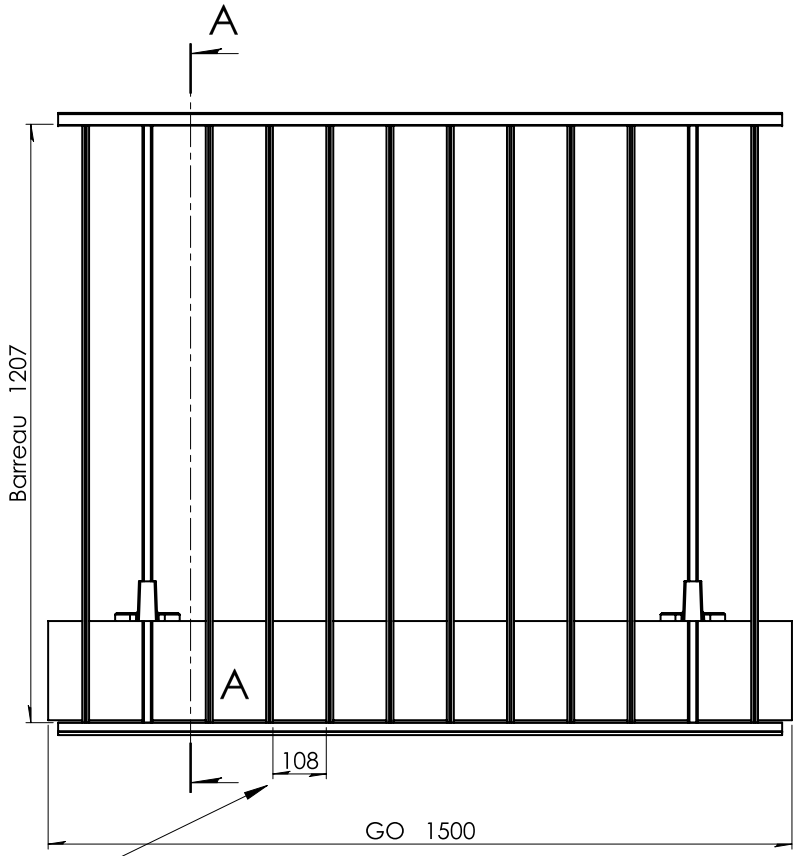






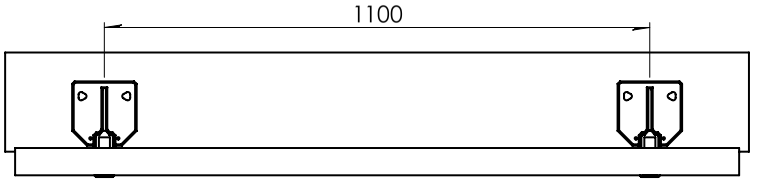


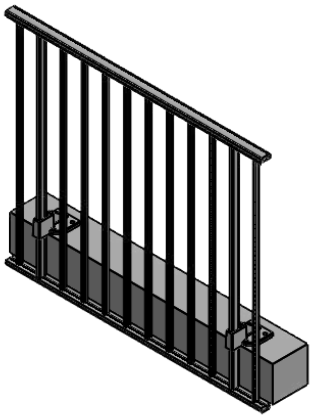




Cote entre Barreaux 110mm MAXI

Entraxe Maxi 1500mm dans le privé et 1000mm Norme ERP.

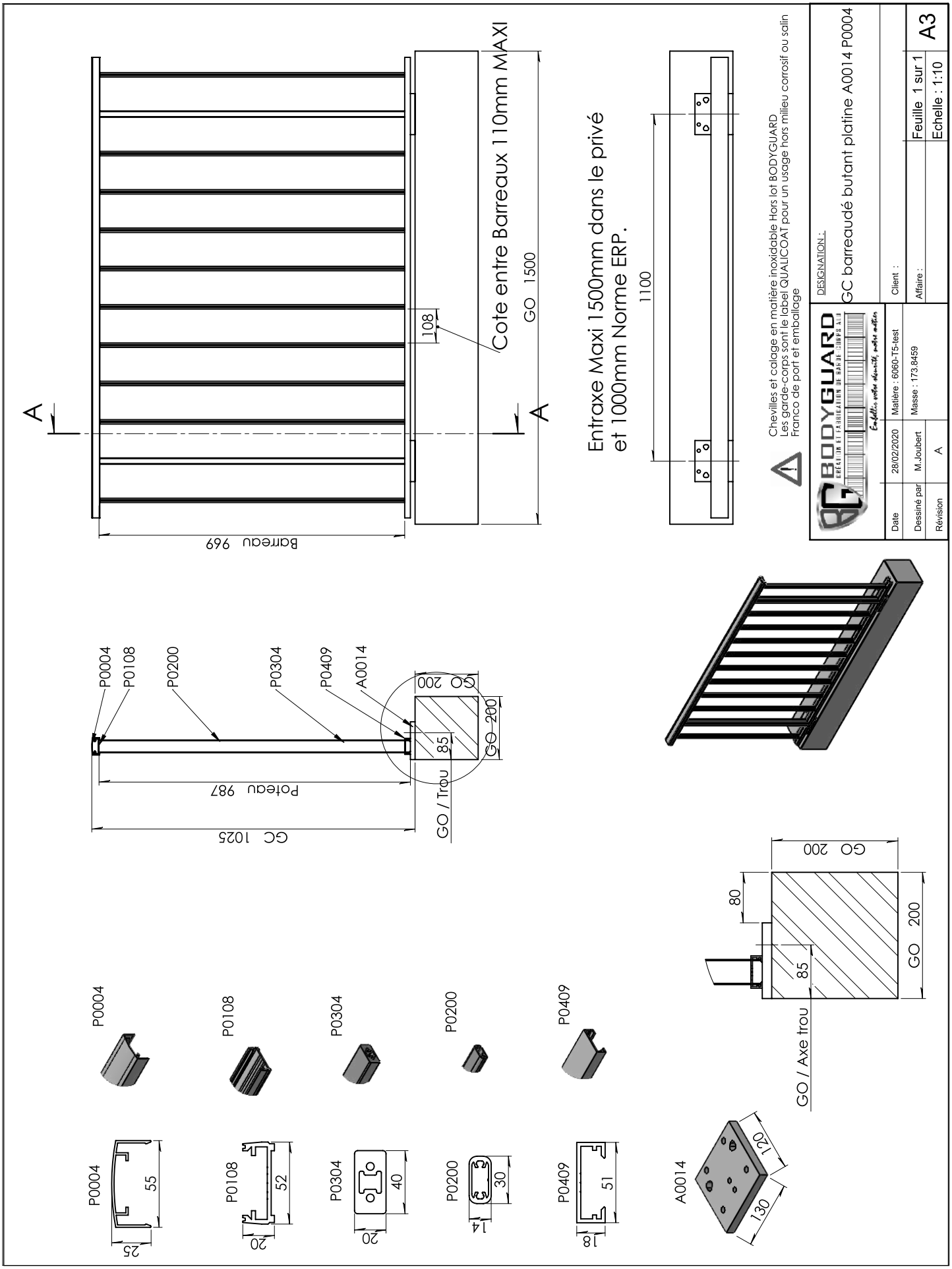




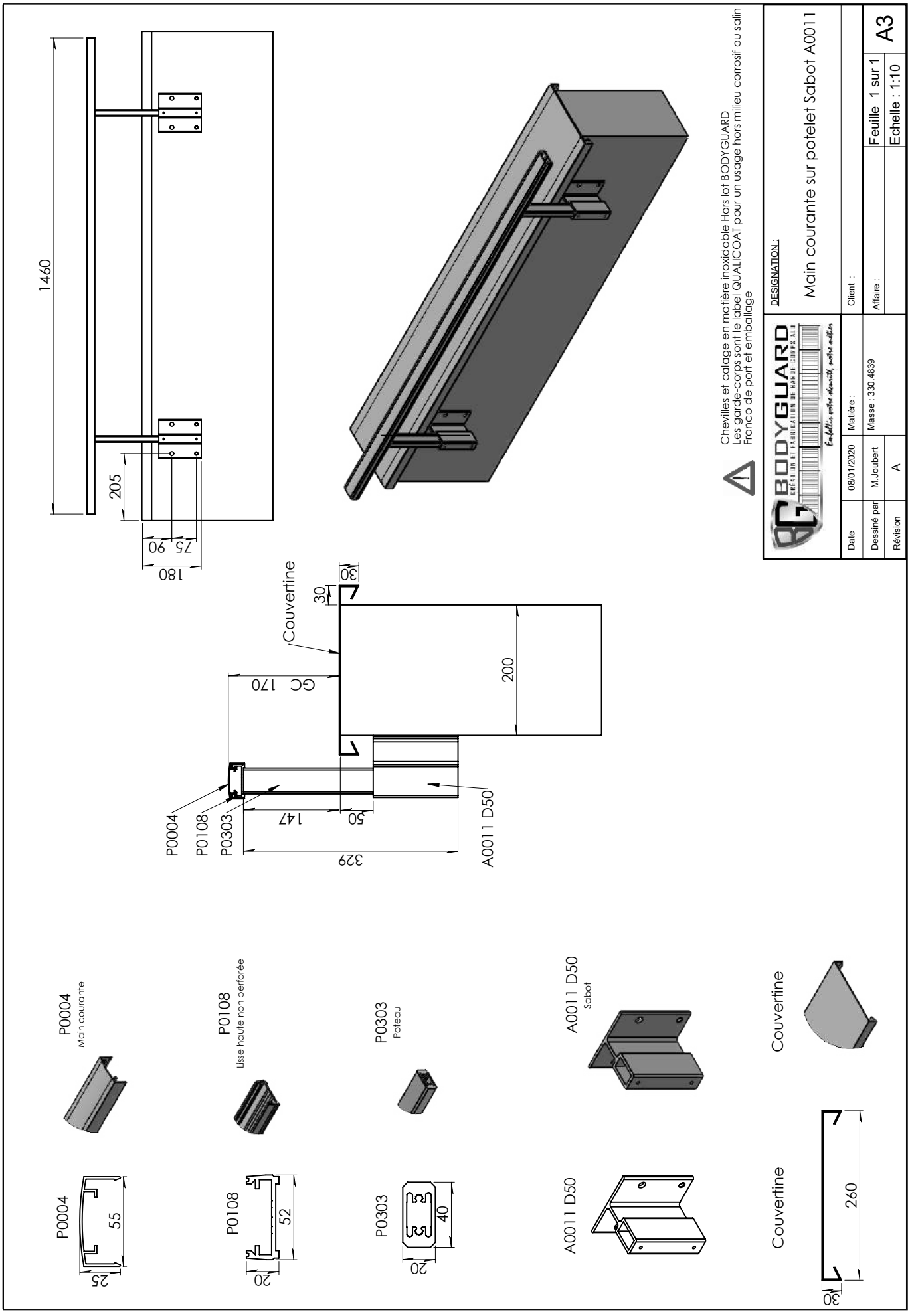
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD		DESIGNATION :	GC barreaudé-butant-sabot-deporte-et-P0004
Date	09/03/2020	Matière : 6060-T5-test	Client :
Dessiné par	M.Joubert	Masse : 175.8906	Affaire :
Révision	A		Feuille 1 sur 1 / Echelle : 1:10 — A3

RAILING - Barreaudé - Butant sous main courante - Platine A0014 - P0004

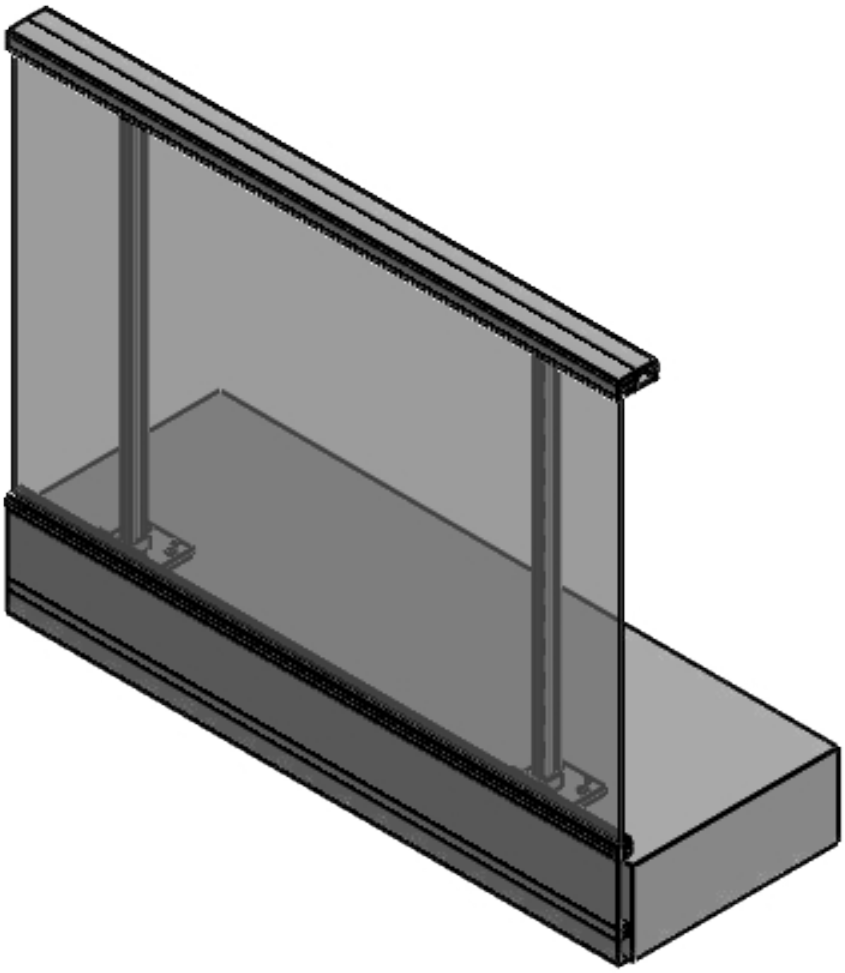


RAILING - Main courante sur potelet- Sabot A0011

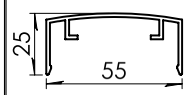


MODÈLES

Filling

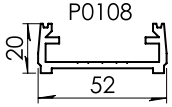


P0004



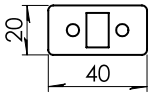
P0004

P0108



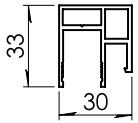
P0108

.P0304



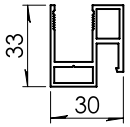
.P0304

P0101



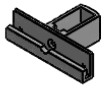
P0101

P0104

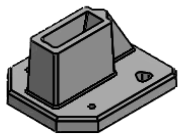


P0104

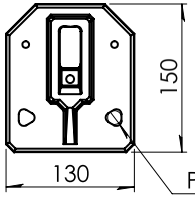
A0204

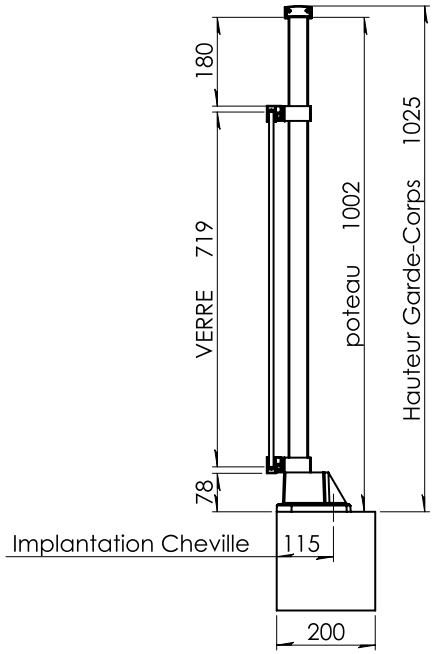


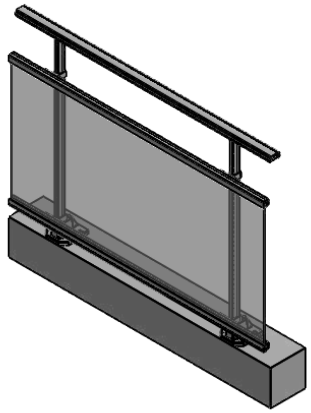
A0015

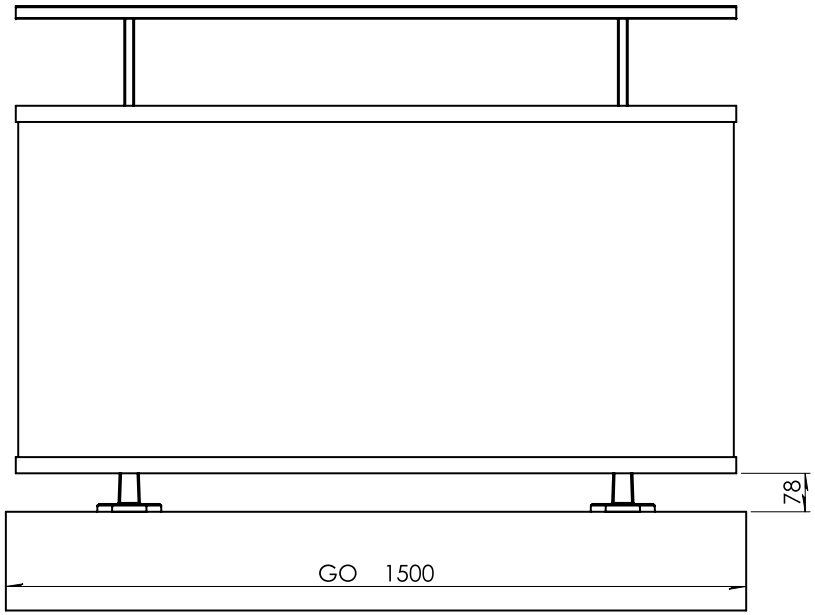


A0015

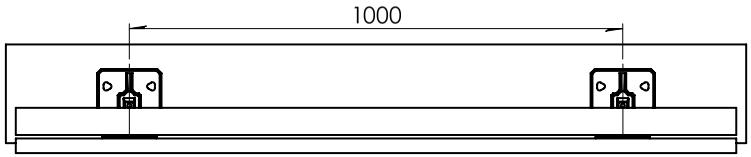






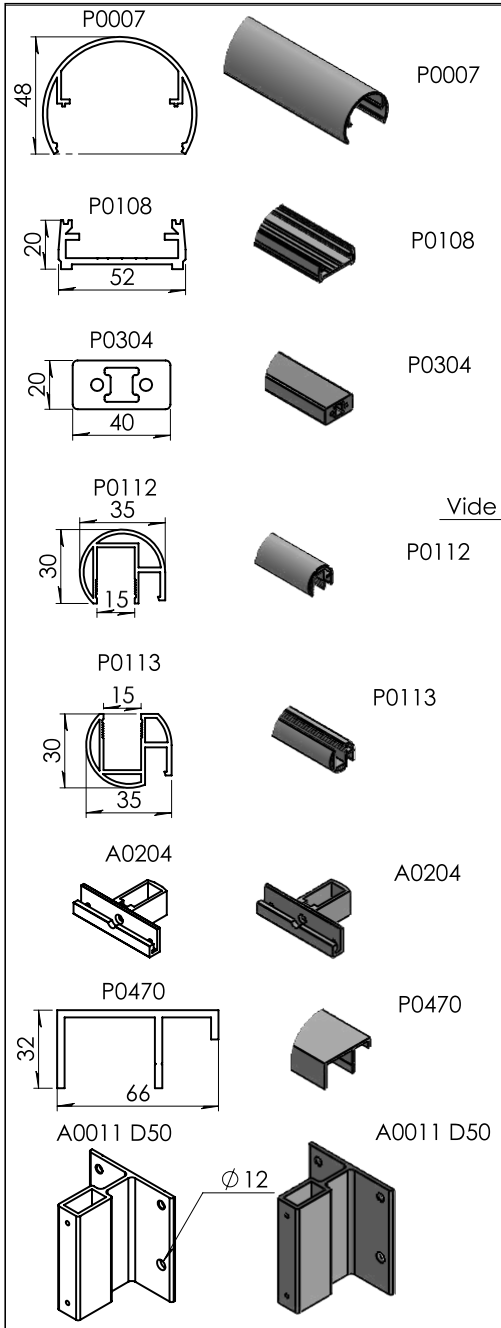


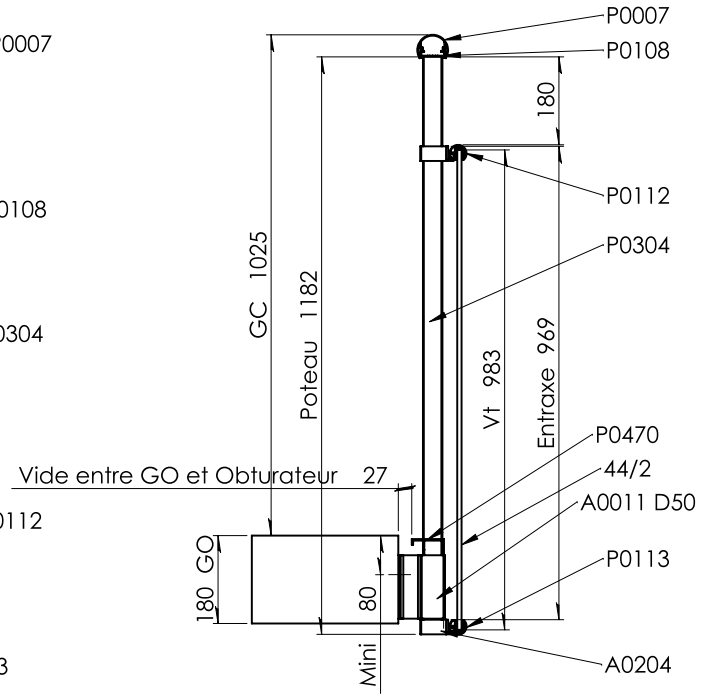
Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.

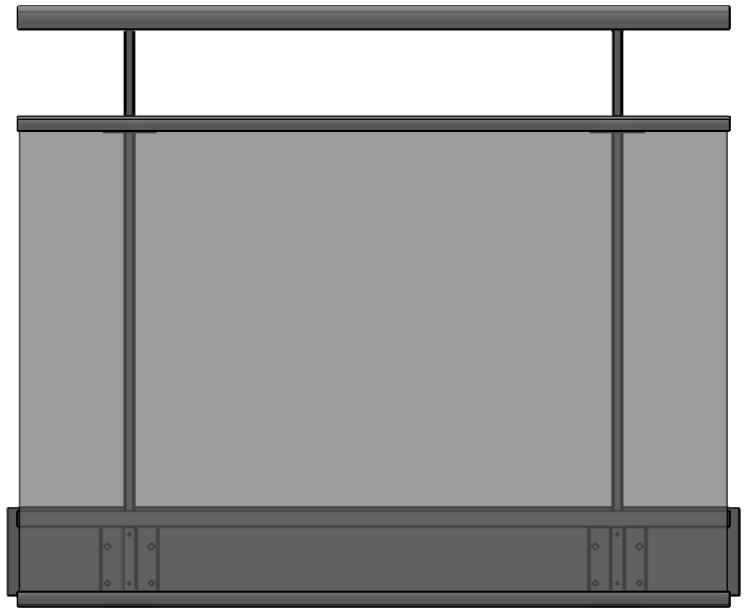


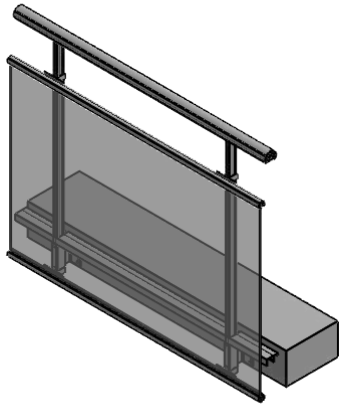
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD Création et fabrication de garde-corps alu — Embellir votre sécurité, notre métier			DESIGNATION : GC Sabot A0015 Vide sous MC		
Date	29/06/2021	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 196.5036	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:10	

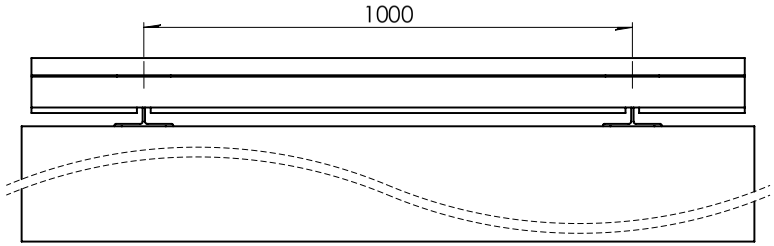








Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.



Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

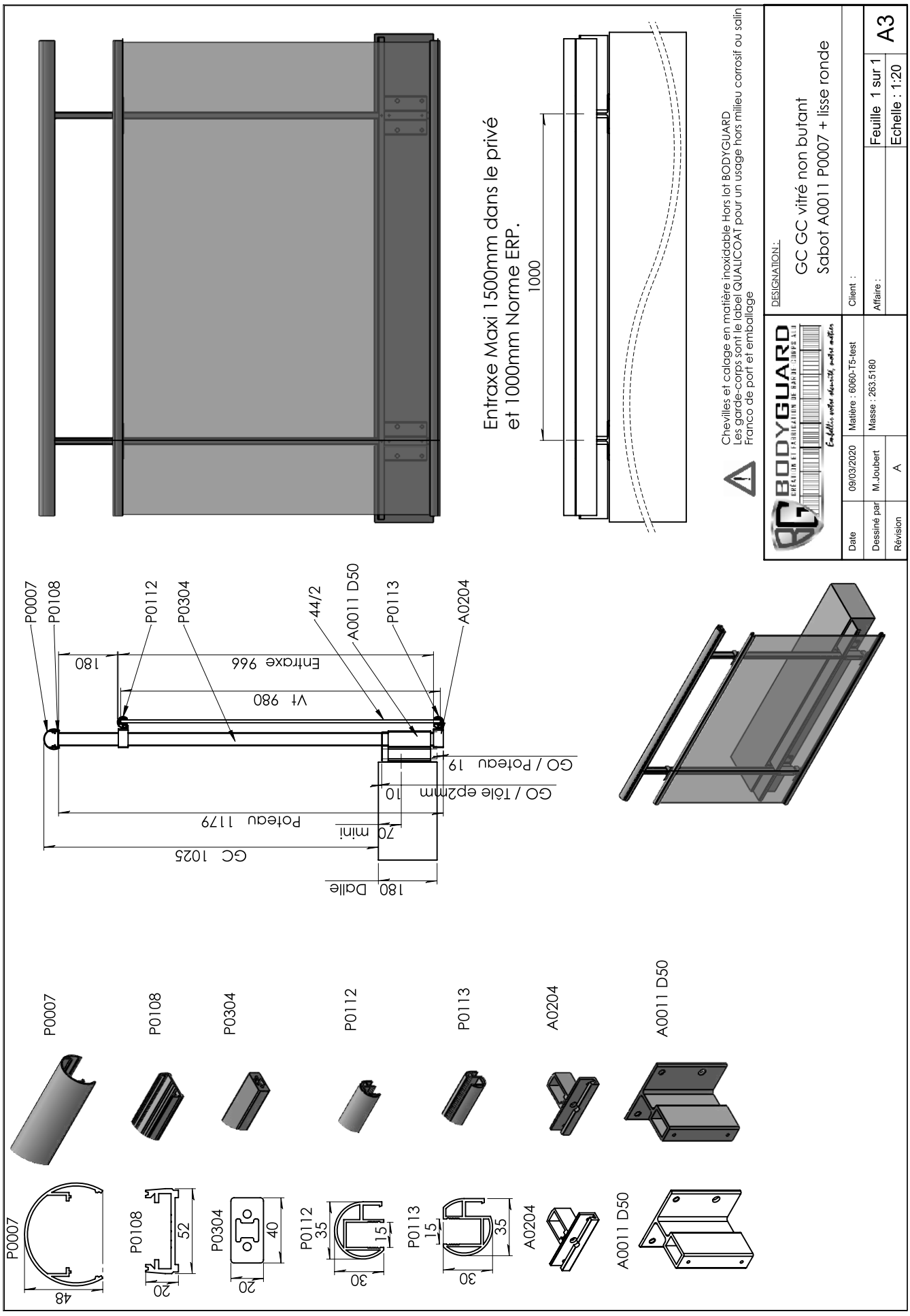
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

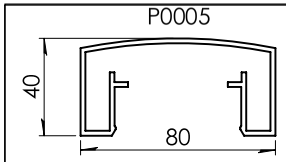
GC GC-vitré-non butant-Sabot-
A0011-P0007-lisse ronde-P0470

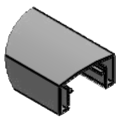
Date	29/06/2021	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 264.3539	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

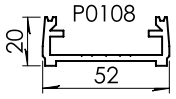
FILLING - Vitré - Vide sous main courante - Sabots A0011 + P0007 + lisseron

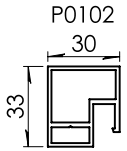


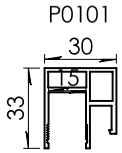
FILLING - Vitré - Vide sous main courante - 2 lisses - Sabots A0011 + P0005

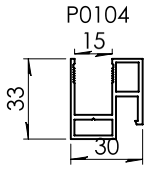


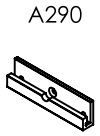


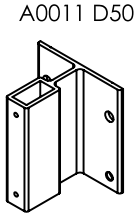


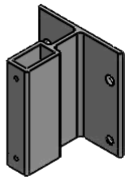


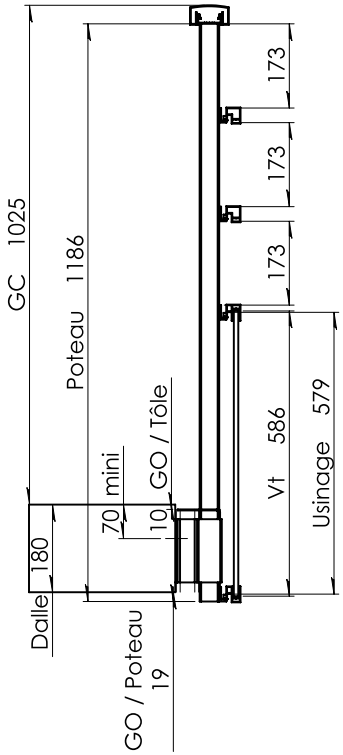


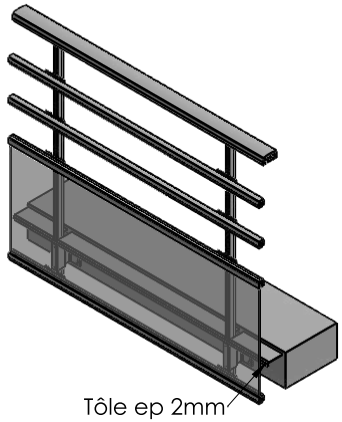




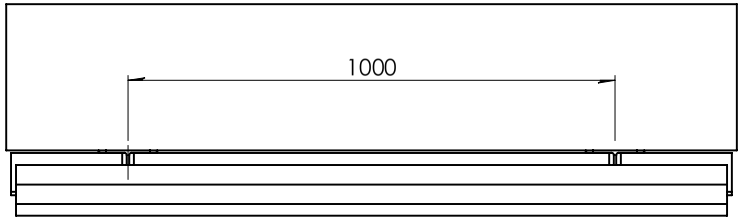








Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.



Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

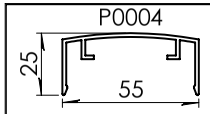
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

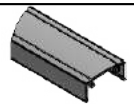
DESIGNATION :

GC Gc vitré non butant 2 lisse
Sabot A0011 P0005

Date	09/03/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 251.1338	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

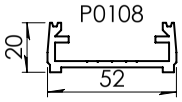
P0004





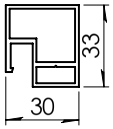
P0004
Main courante

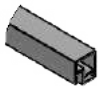
P0108



P0108
Lisse haute non perforée

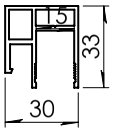
P0102

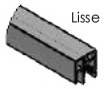




P0102
Lisse

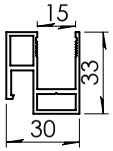
P0101





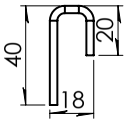
P0101
Lisse haute pour remplissage

P0104



P0104
Lisse basse pour remplissage

Tôle ep 3mm

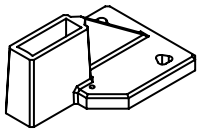


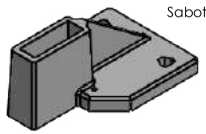
Tôle ep 3mm

A290

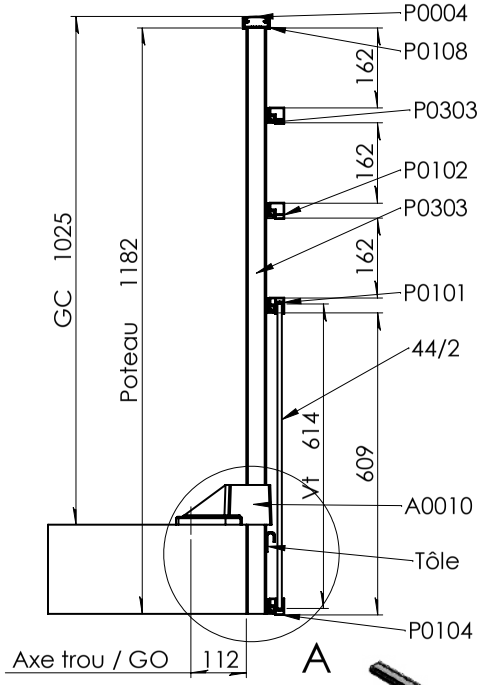
A290
Pince

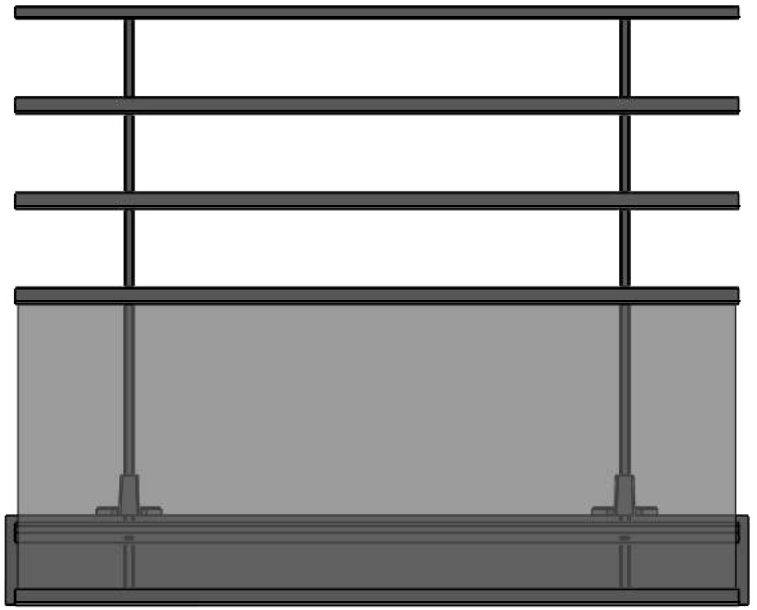
A0010

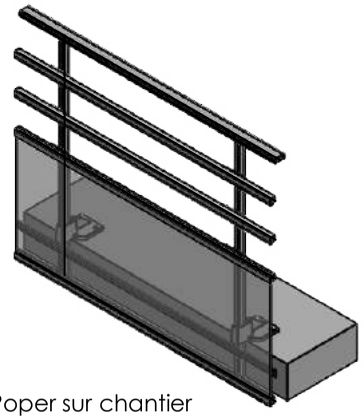




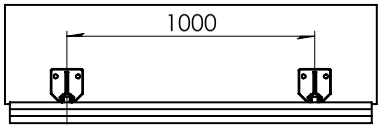
A0010
Sabot

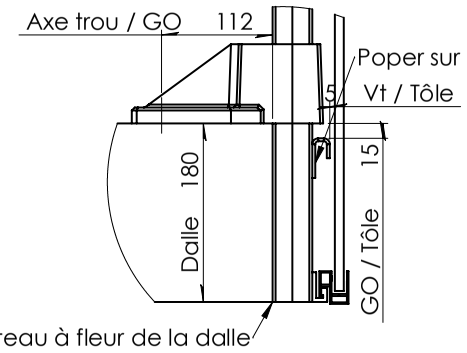






Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.





Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

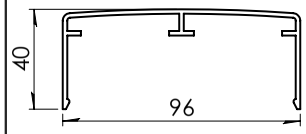
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

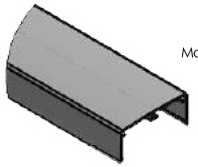
DESIGNATION :

GC Mixte - Sabot déporté

Date	09/01/2020	Matière :	Client :		
Dessiné par	M.Joubert	Masse : 324.9476	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

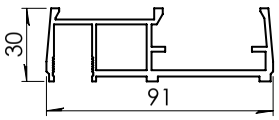
P0001

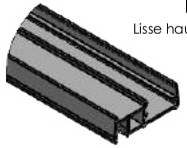




P0001
Main courante

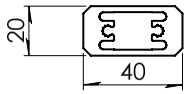
P0107





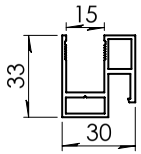
P0107
Lisse haute non perforée

P0303



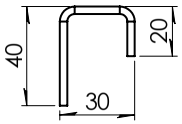
P0303
Poteau

P0104



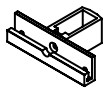
P0104
Lisse basse pour remplissage

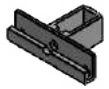
Tole ep 3mm



Tole ep 3mm

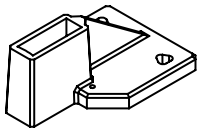
A0204

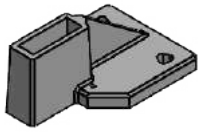




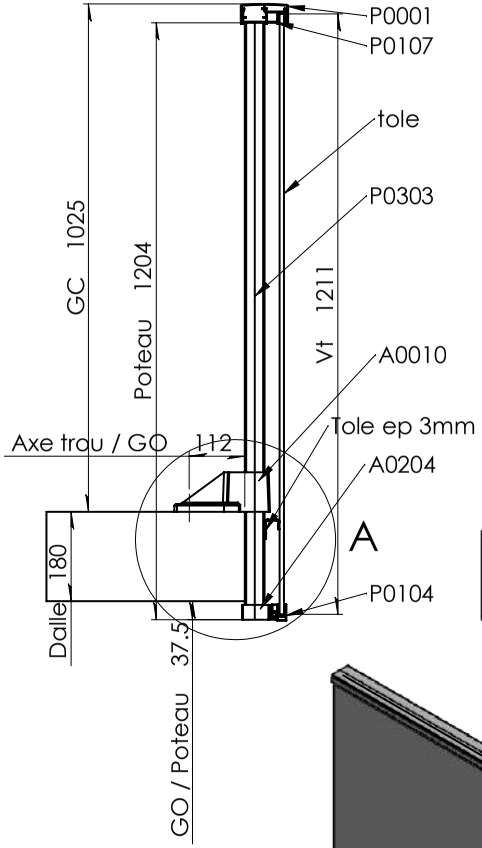
A0204
Pince

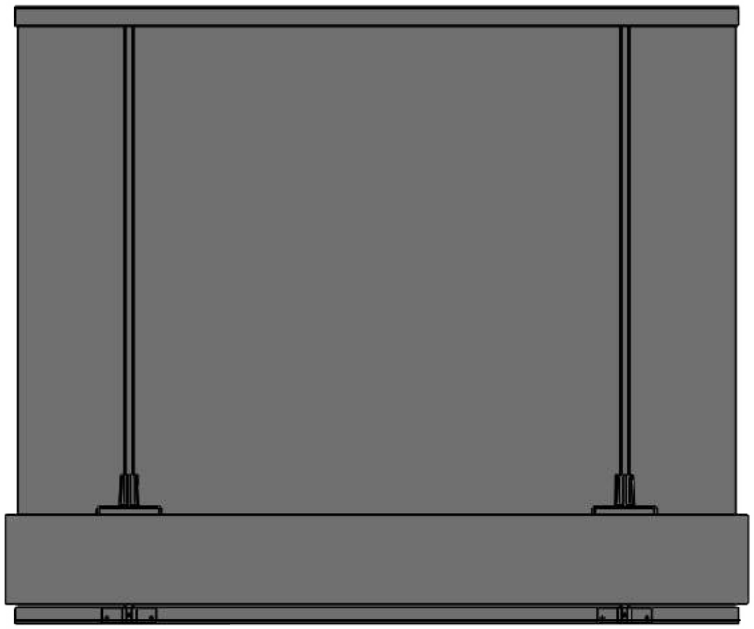
A0010

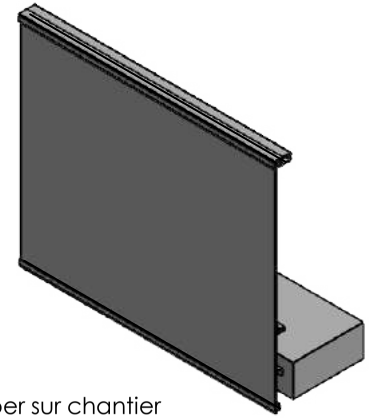




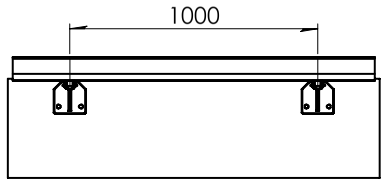
A0010
Sabot

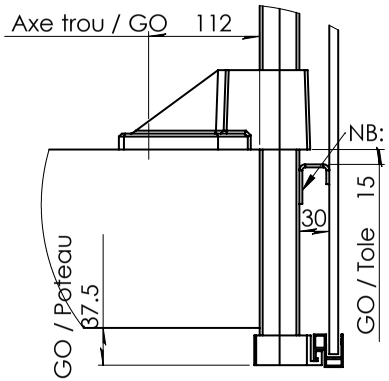






Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.





Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

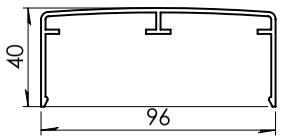
DESIGNATION :

GC tôle Butant - Sabot déporté

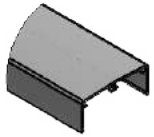
Date	09/03/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 344.7539	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

FILLING - Vitré - Butant sous main courante - Platine + P0116

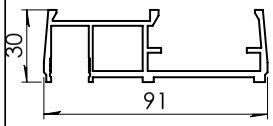
P0001



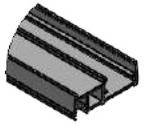
P0001
Main courante



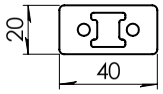
P0107



P0107
Lisse haute non perforée

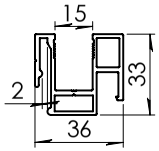


P0304



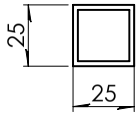
P0304
Poteau

P0116



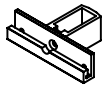
P0116
Lisse basse pour remplissage

Tube

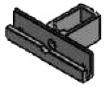


Tube

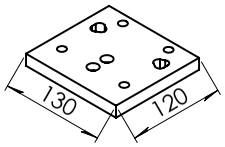
A0204



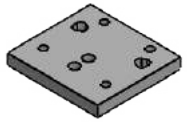
A0204
Pince

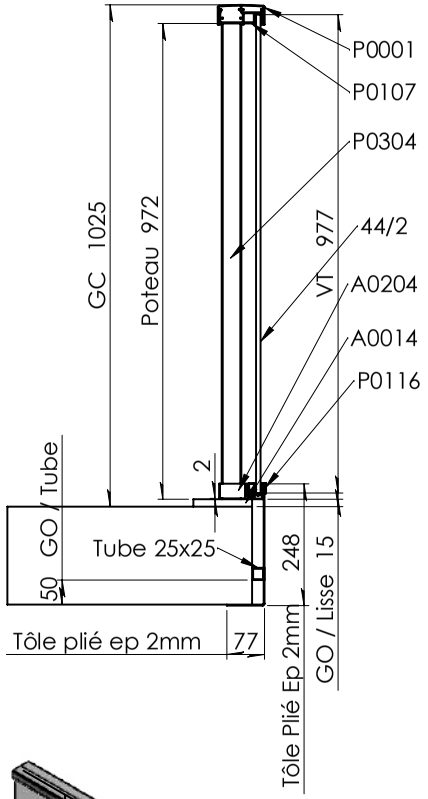


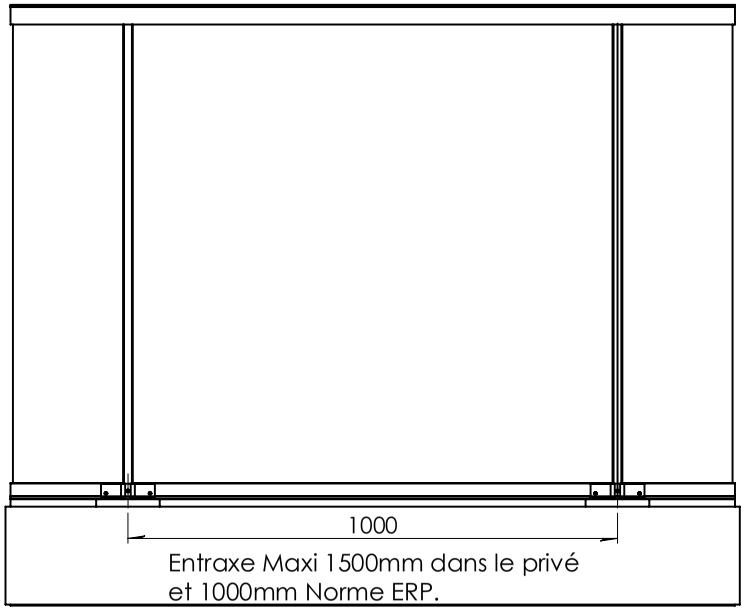
A0014

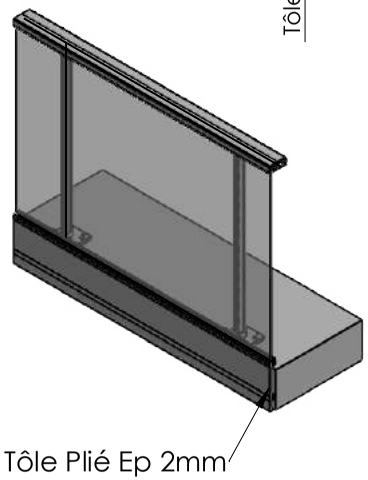


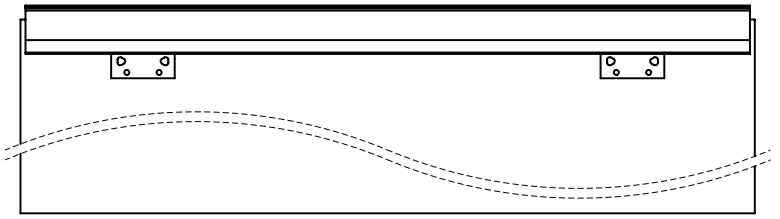
A0014
Platine 130x120x15











Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

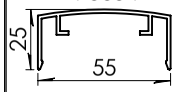
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

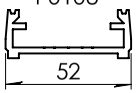
GC Vitré Butant - Platine et P0116

Date	27/01/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 452.4405	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

P0004



P0108



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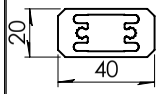

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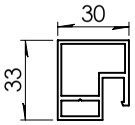
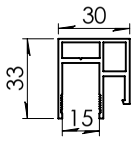


P0101



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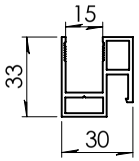

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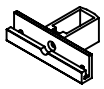

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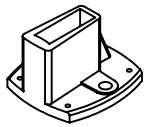
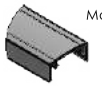


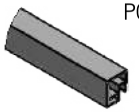
P0004
Main courante



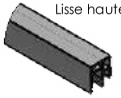
P0108
Lisse haute non perforée

P0303
Poteau

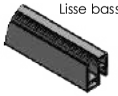
P0102
Lisse



P0101
Lisse haute pour remplissage

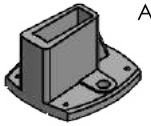


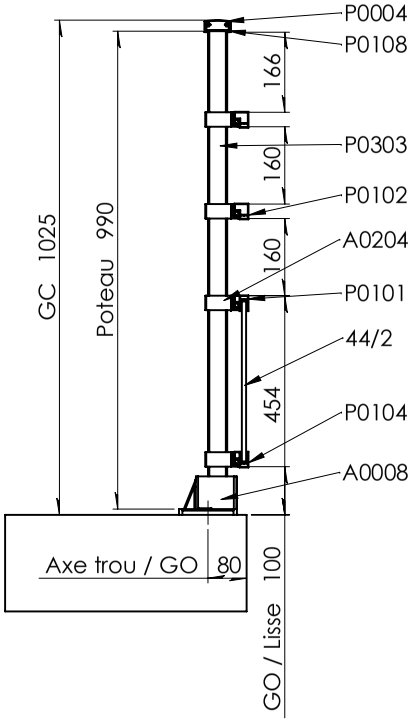
P0104
Lisse basse pour remplissage

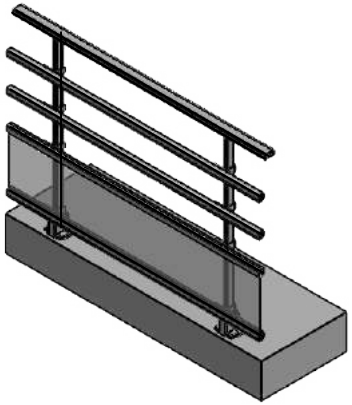


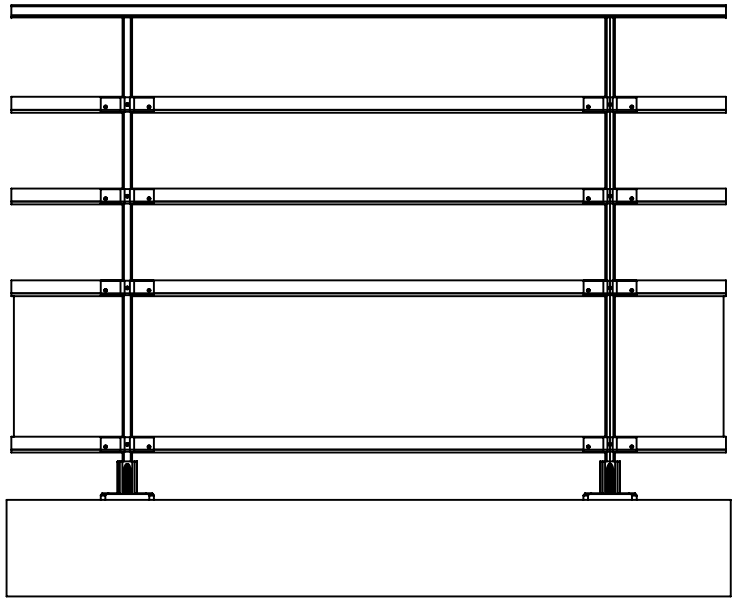
A0204
Pince

A0008
Sabot

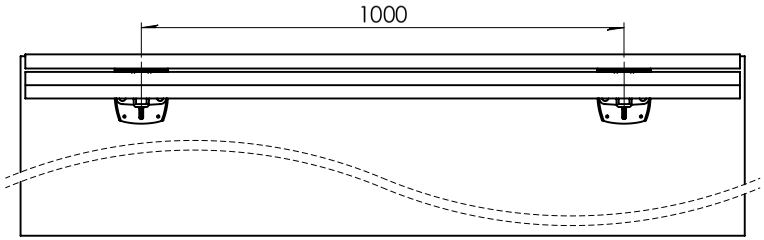








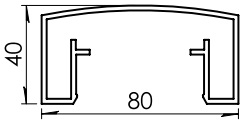
Entraxe Maxi 1500mm dans le privé
et 1000mm Norme ERP.

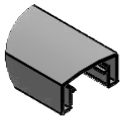


Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

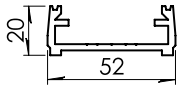
BODYGUARD			DESIGNATION : GC mixte - Sabot sur dalle
Date	12/12/2019	Matière :	Client :
Dessiné par	M.Joubert	Masse : 426.9060	Affaire :
Révision	A		Feuille 1 sur 1 / Echelle : 1:20 — A3

P0005

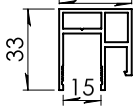




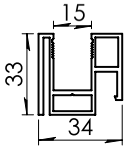
P0108



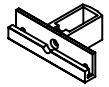
P0101

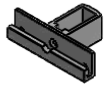


P0104 BIS

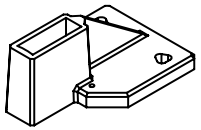


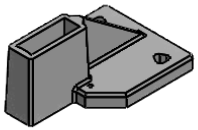
A0204



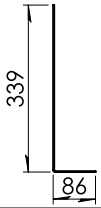


A0010

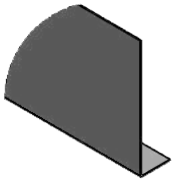


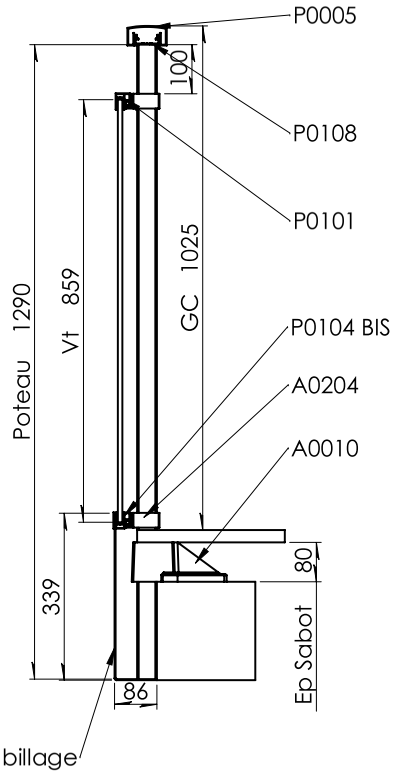


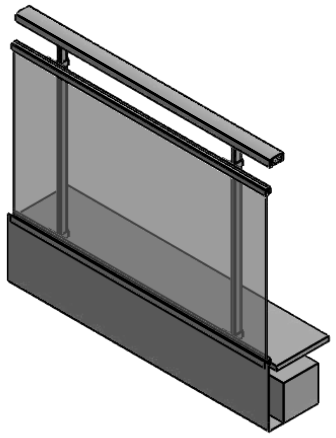
Tôle d'habillage

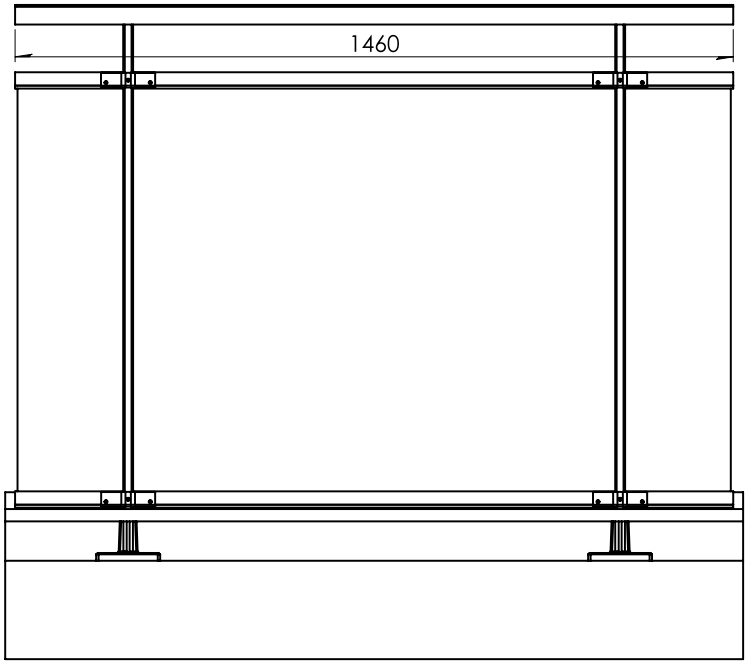


Tôle d'habillage

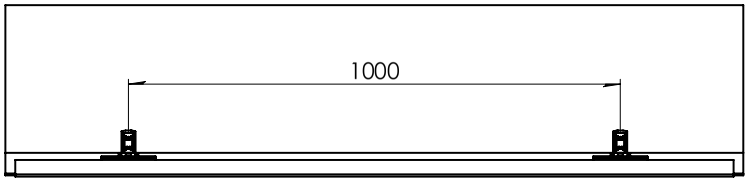








Entraxe Maxi 1500mm dans le privé
et 1000mm norme ERP.



Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

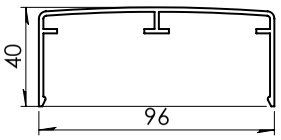
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

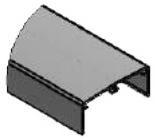
GC Vitre-non-butant-sabot-deporte-tole-d'habillage

Date	05/02/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 236.6571	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

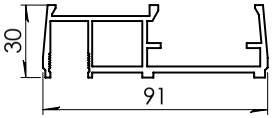
P0001



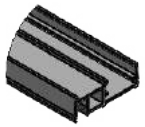
P0001
Main courante



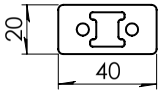
P0107



P0107
Lisse haute non perforée

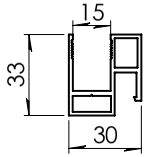


P0304



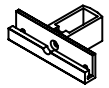
P0304
Poteau

P0104

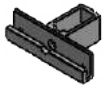


P0104
Lisse basse pour remplissage

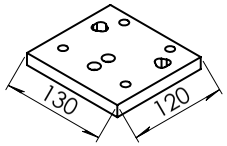
A0204



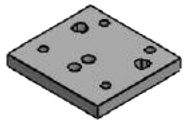
A0204
Pince

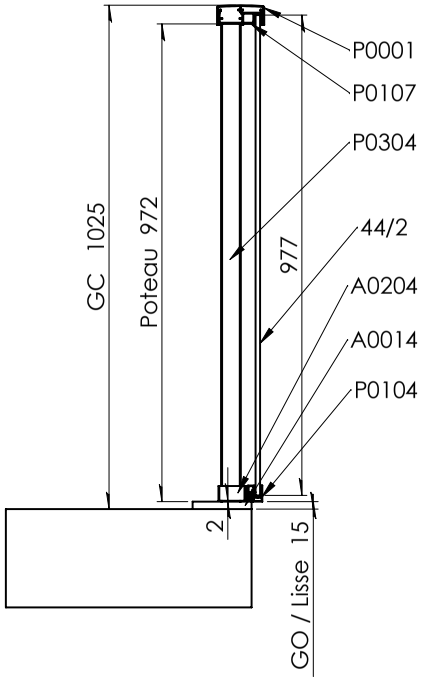


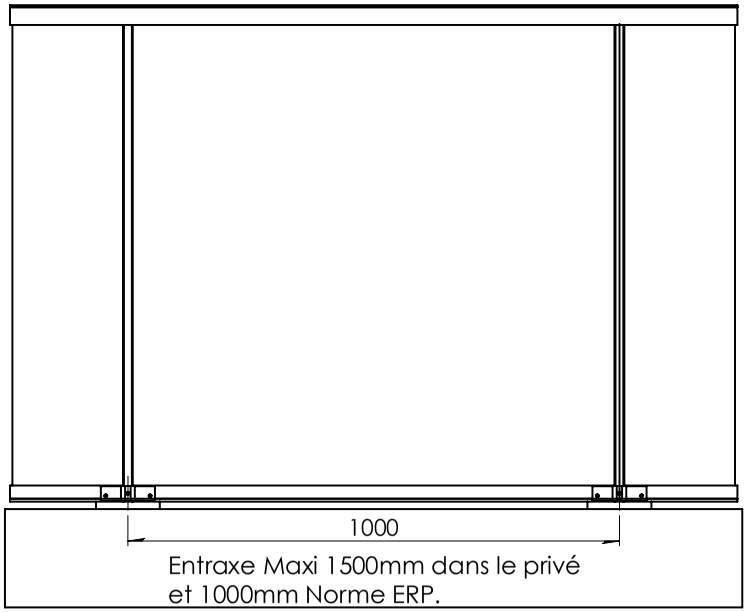
A0014

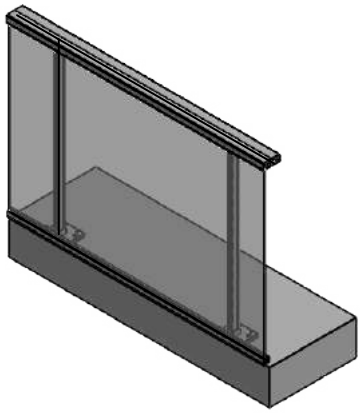


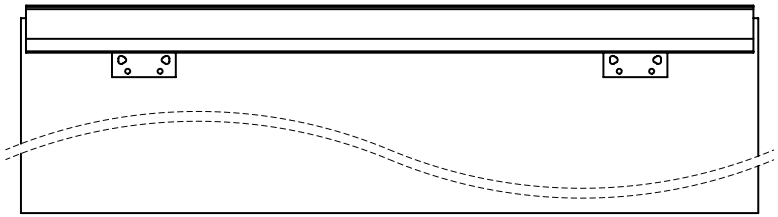
A0014
Platine 130x120x15









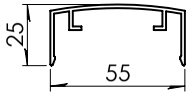


Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

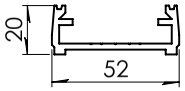
BODYGUARD			DESIGNATION : GC vitré Butant - Platine		
Date	12/12/2019	Matière :	Client :		
Dessiné par	M.Joubert	Masse : 448.8961	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

FILLING - Vitré - Vide sous main courante - Entre voile béton

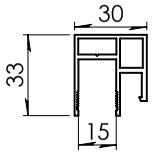
P0004
Main courante



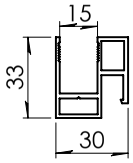
P0108
Lisse haute non perforée



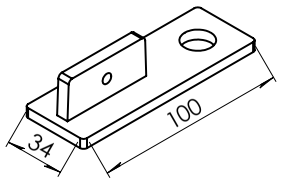
P0101
Lisse haute pour remplissage



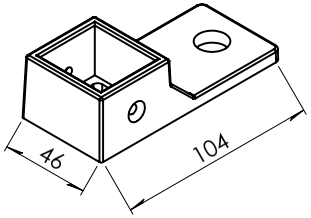
P0104
Lisse basse pour remplissage

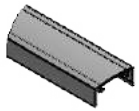


A0700
Fixation murale pour Main courante



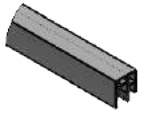
A0701
Fixation murale pour Lisse





P0004

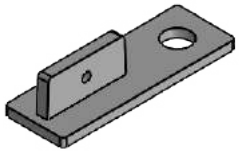
P0108



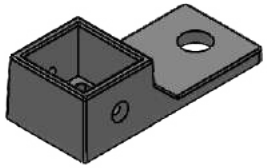
P0101

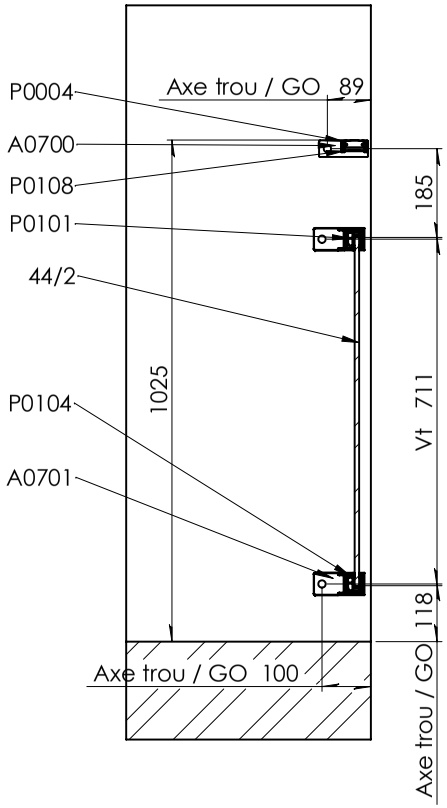
P0104

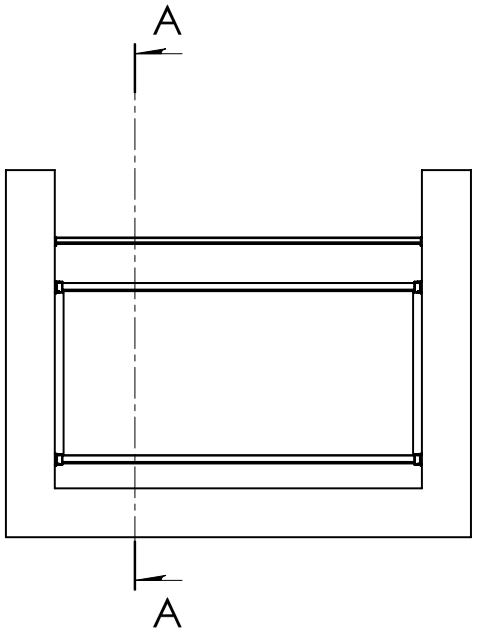
A0700

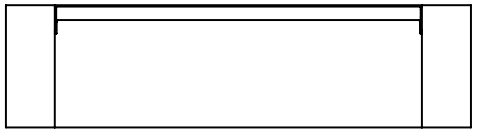


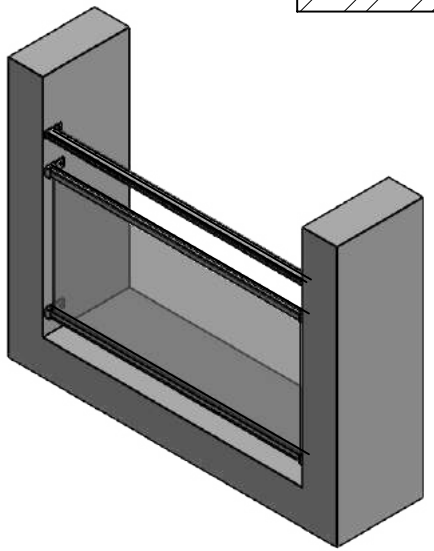
A0701







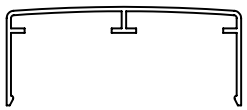




Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

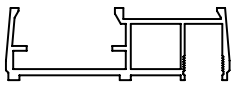
BODYGUARD			DESIGNATION : Garde-Corps-entre-voile-beton		
Date	09/03/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 1243.9482	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:20	

P0104



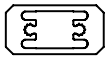
P0104

P0107



P0107

P0303

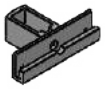


P0303

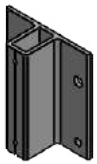
P0104

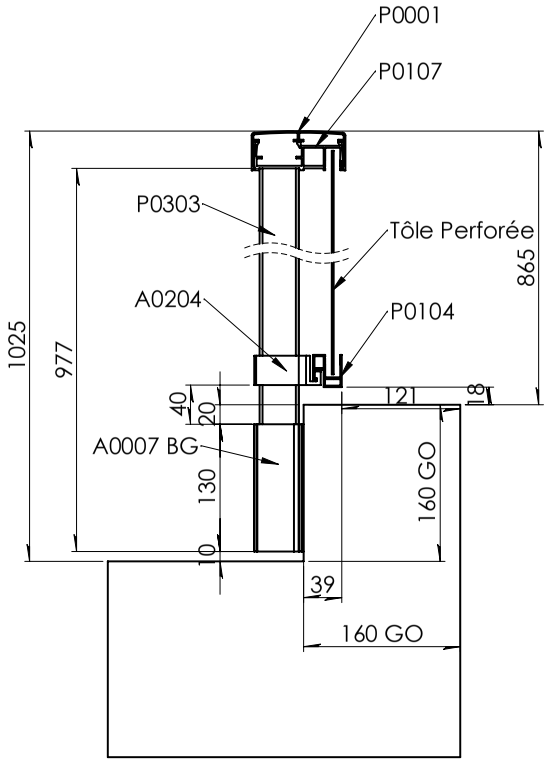
P0104

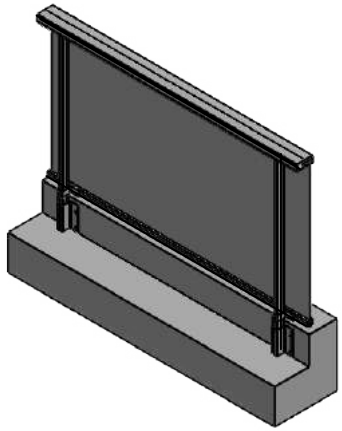
A0204



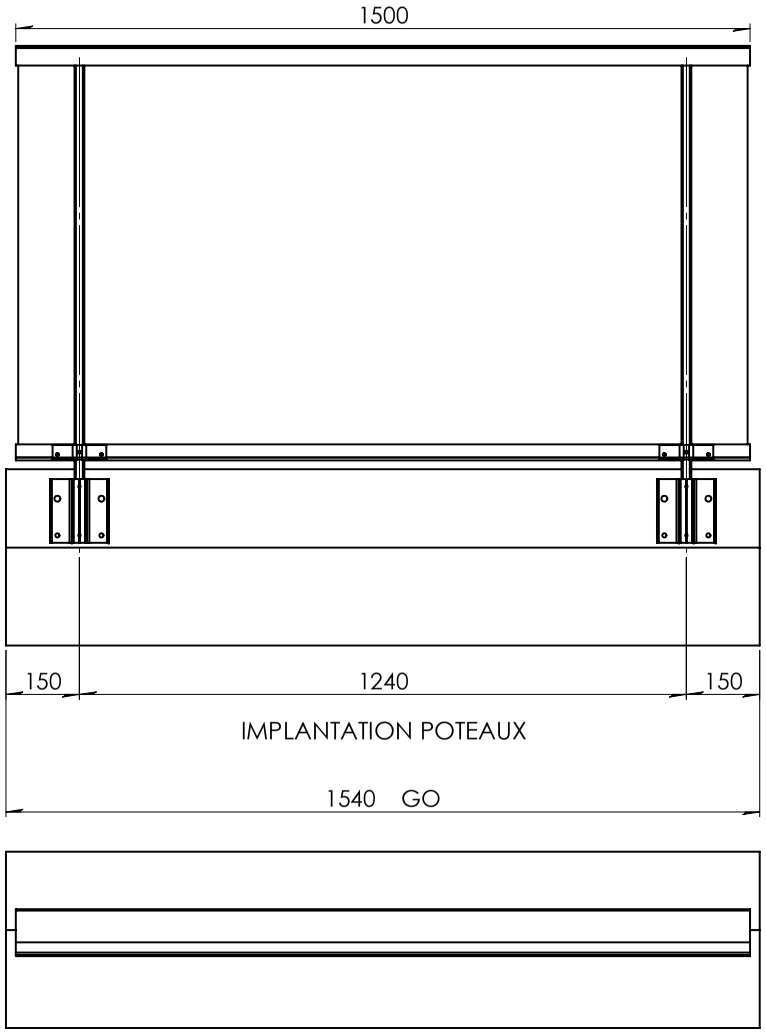
A0007 BG







RAL 1035



Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

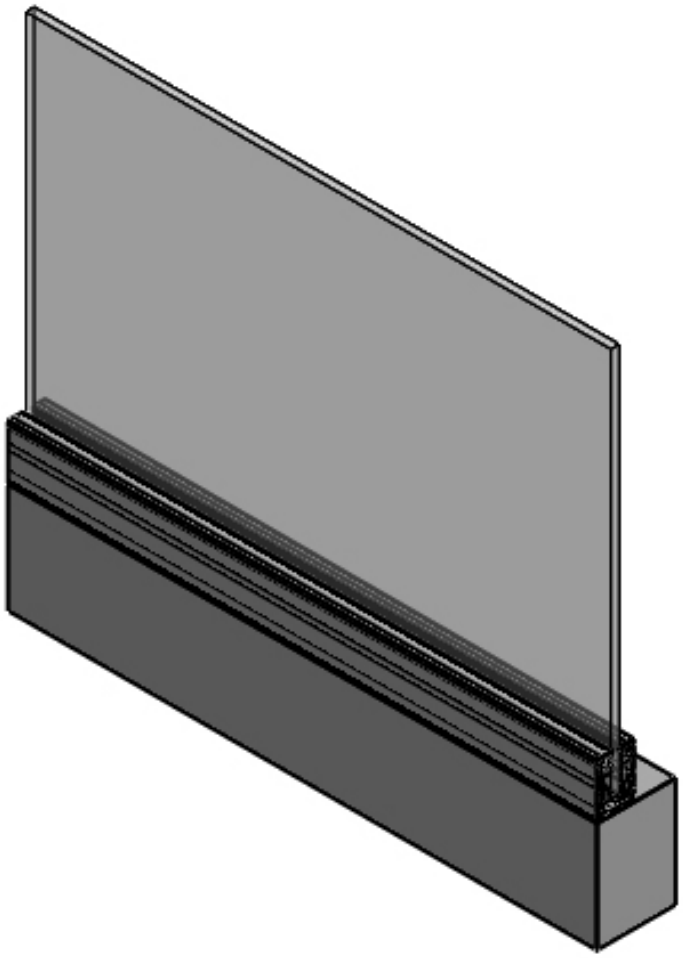
BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

DESIGNATION :

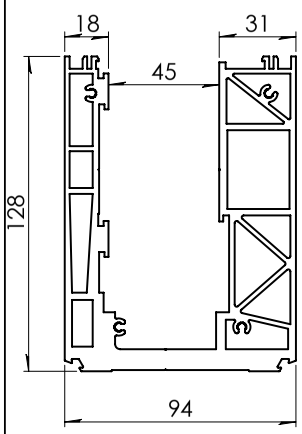
GC FICHE CHANTIER

Date	09/03/2020	Matière : 6060-T5-test	Client : ACMS		
Dessiné par	O.Labarre	Masse : 420.2003	Affaire :	Feuille 1 sur 2	A3
Révision	A			Echelle : 1:10	

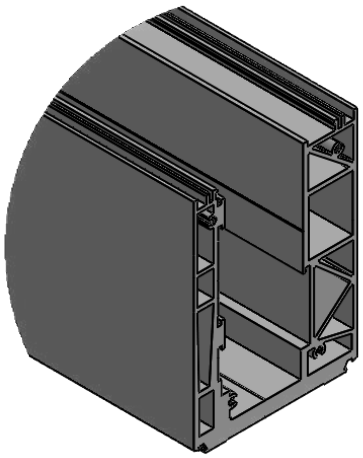
GAMME BODY-ONE

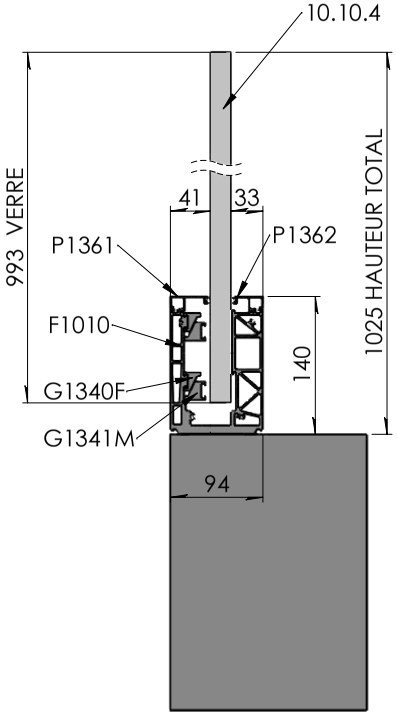


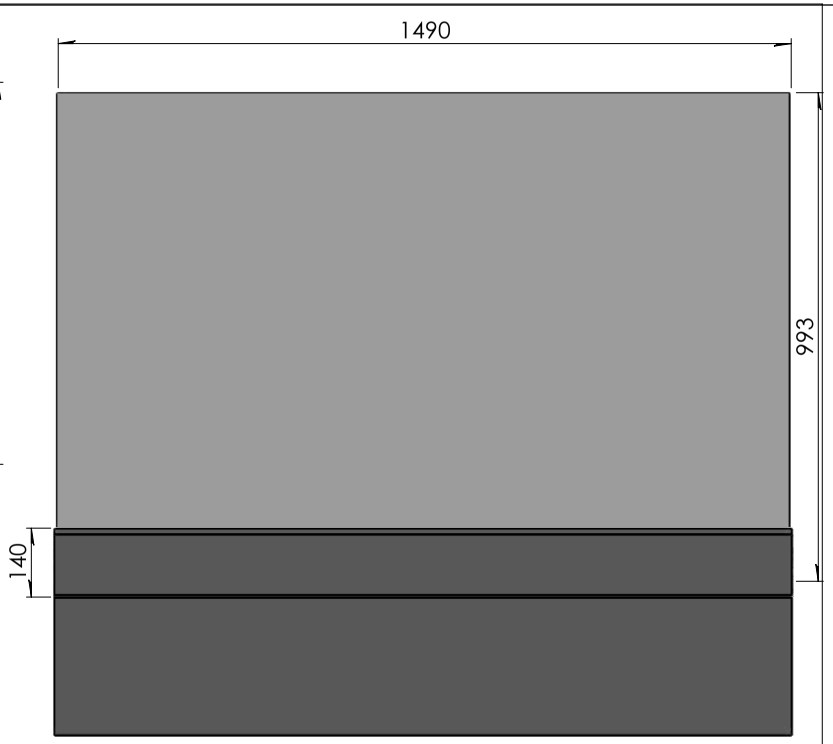
F1010



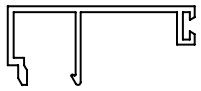
F1010





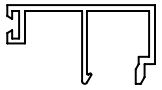


P1361

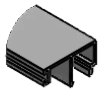


P1361

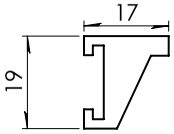
P1362



P1362

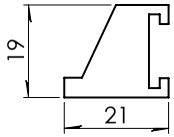


G1340F

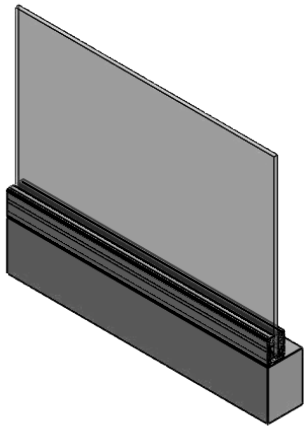


G1340F

G1341M



G1341M



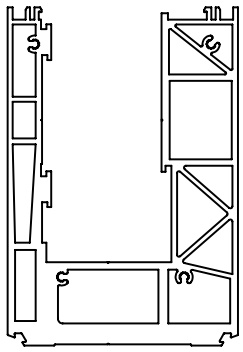
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

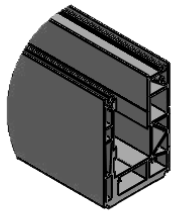
DESIGNATION :
GC FICHE PRODUIT GLASS GUARD A1010
POSE FRANCAISE

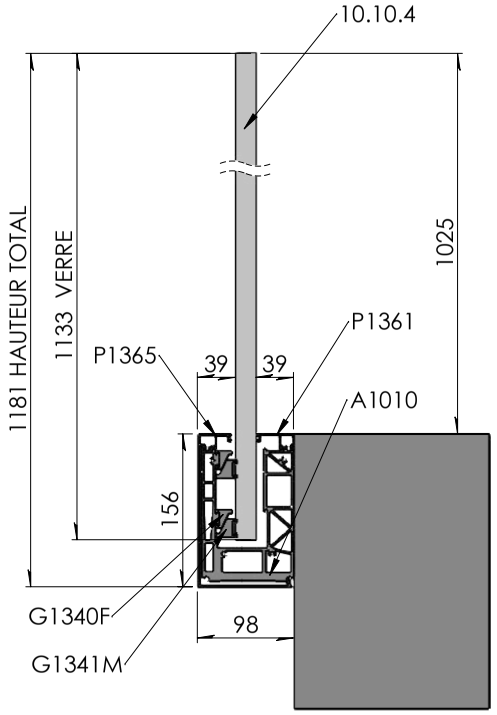
Date	11/02/2020	Matière : 6060-T5-test	Client :		
Dessiné par	J. CHAUVY	Masse : 326.3205	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:10	

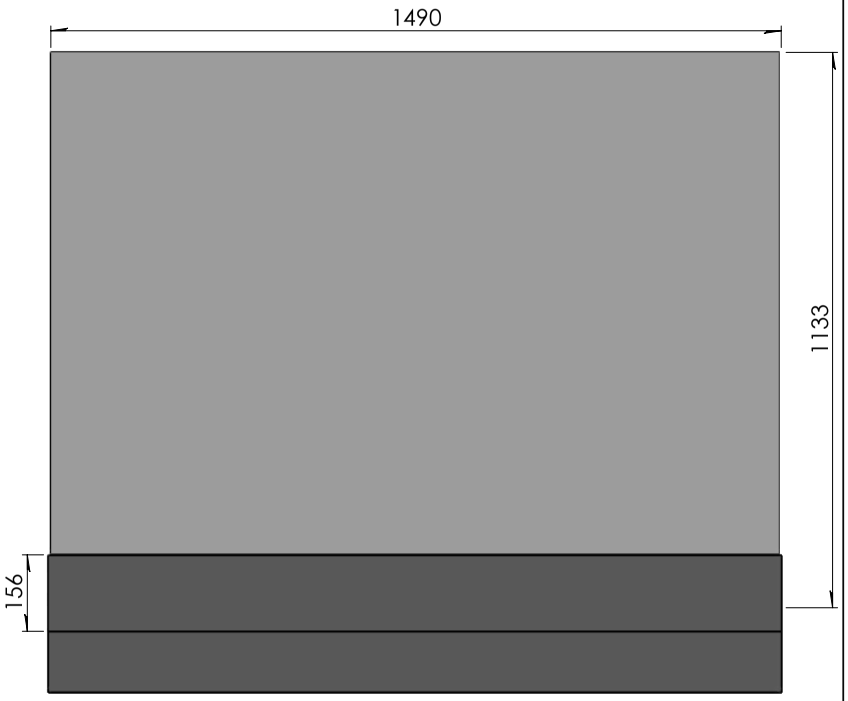
A1010



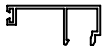
A1010







P1361



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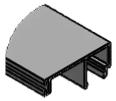
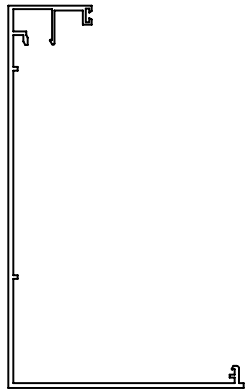


P1365



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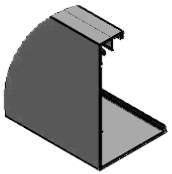
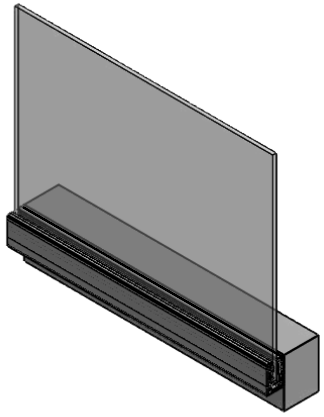
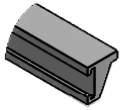




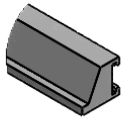
G1340F

G1340F



G1341M

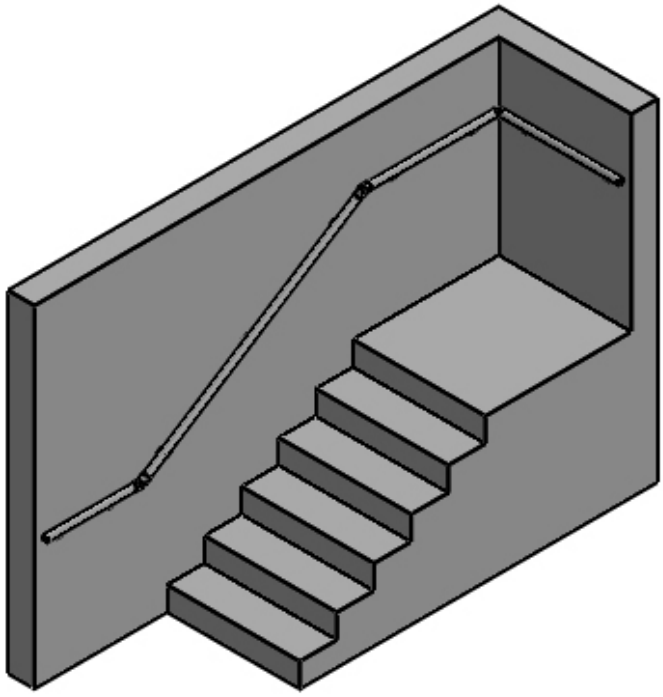
G1341M



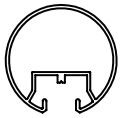
Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD			DESIGNATION : GC FICHE PRODUIT GLASS GUARD A1010 POSE ANGLAISE		
Date	11/02/2020	Matière : 6060-T5-test	Client :		
Dessiné par	J. CHAUVY	Masse : 341.5620	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:10	

GAMME HANDRAIL



P0414

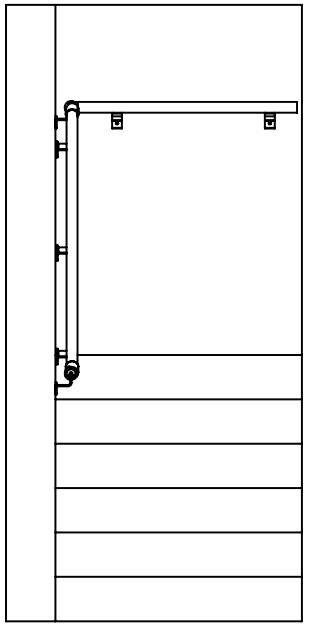


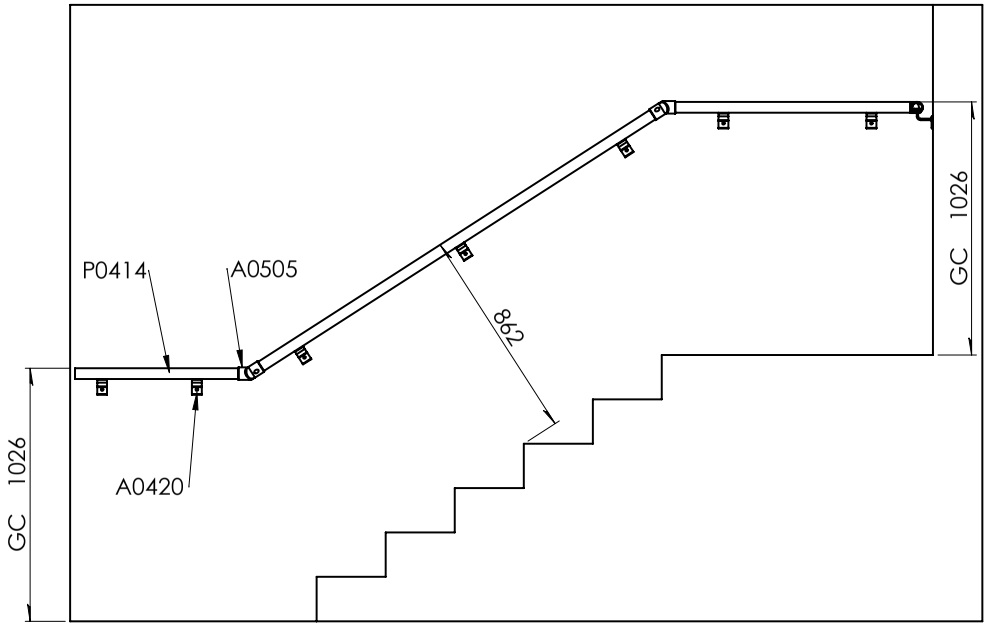
P0414
Main courante

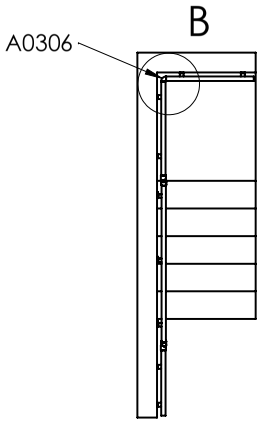
A0505
Raccord orientable

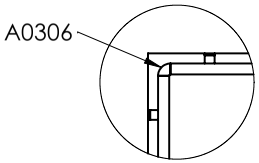
A0306
Raccord 90°

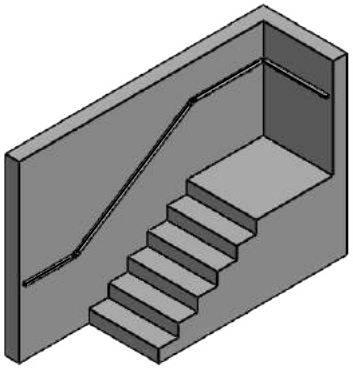
A0420
Ecuyer





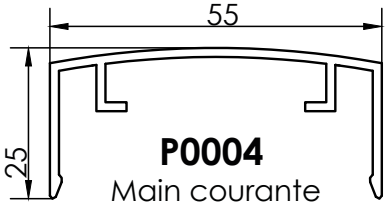




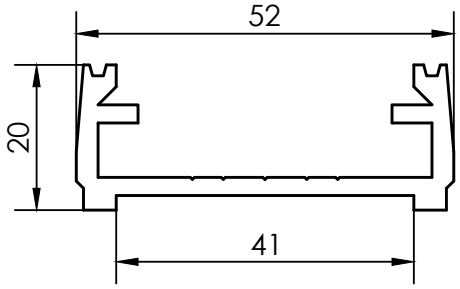


Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

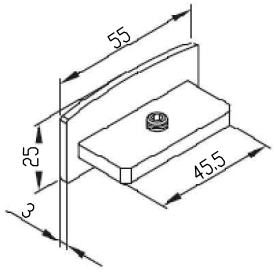
BODYGUARD			DESIGNATION :		
			GC avec MC sur Ecuyer		
Date	24/02/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 11598.6091	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:50	



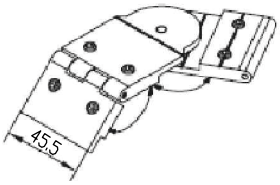
P0004
Main courante



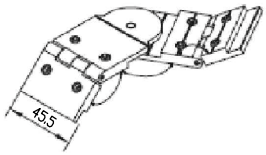
P0108
Lisse haute non perforée



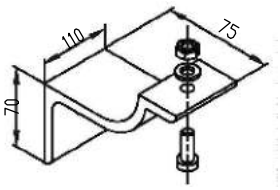
A0110
Bouchon main courante
Aluminium laqué



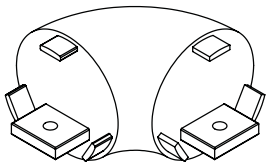
A0202
Eclisse orientable et variable simple
Aluminium brut



A0203
Eclisse orientable et variable double
Aluminium brut

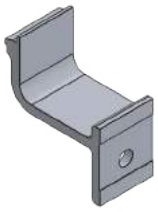


A0400
Ecuyer main courante
Aluminium laqué

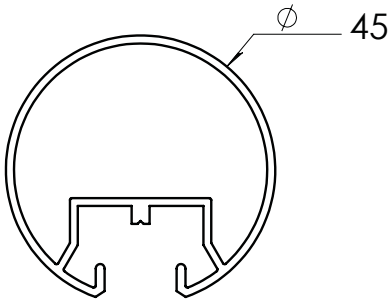


A0306
Raccord 90°
P0414

40 X 66 X 79

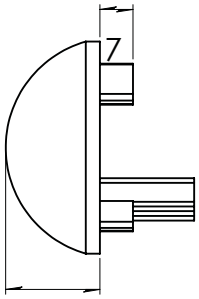


A0420
Ecuyer



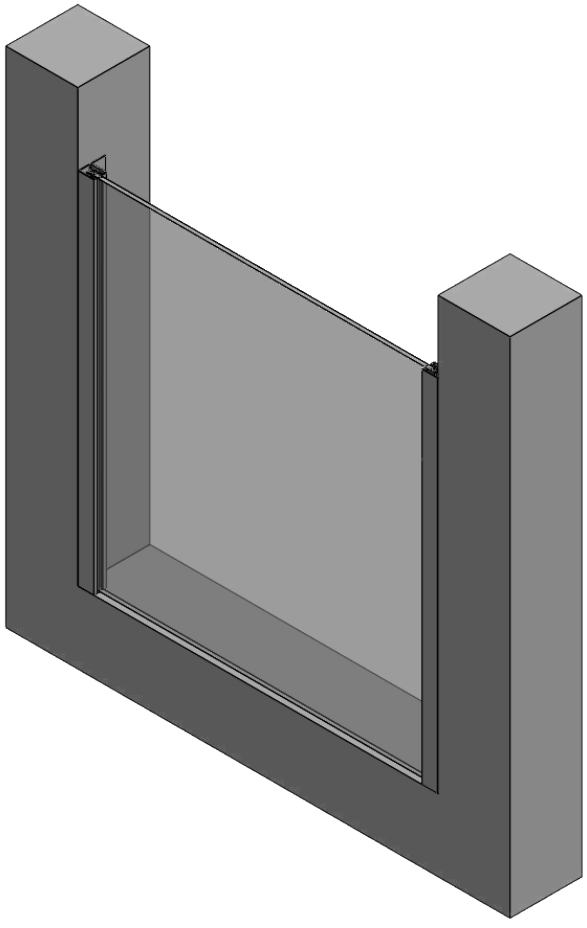
P0414
Main courante

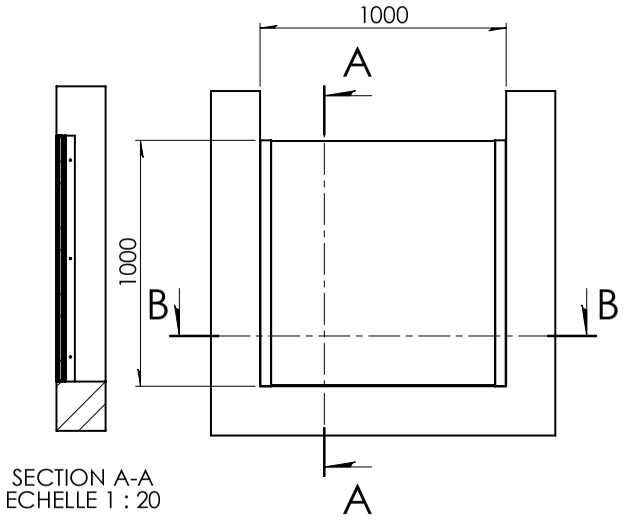
A0505
Raccord orientable



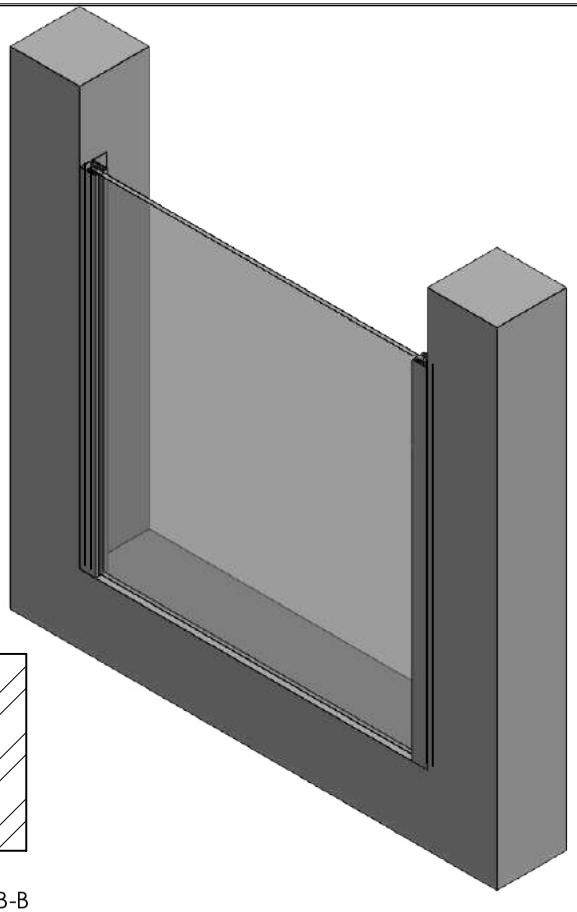
A0130
Bouchon
P0414

GAMME VISIO

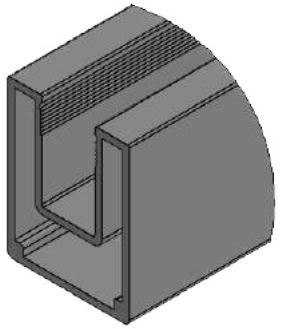




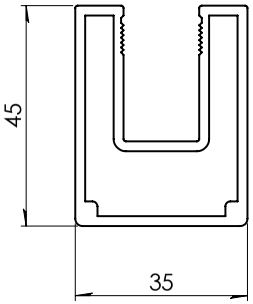
SECTION A-A
ECHELLE 1 : 20



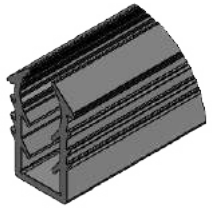
P0416



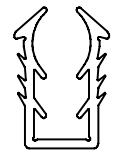
P0416
Lisse de remplissage

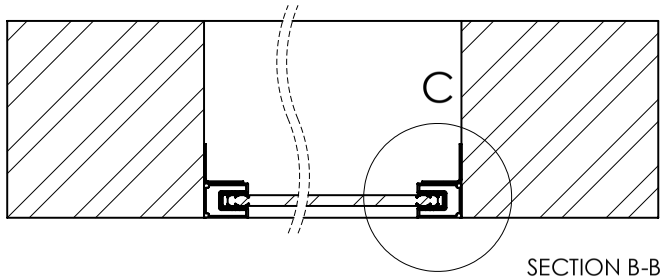


J0002



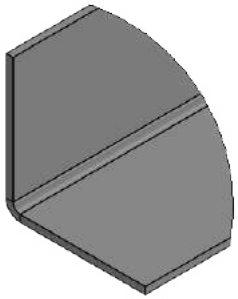
J0002
Joint de remplissage 8 a 10 mm
EPDM noir



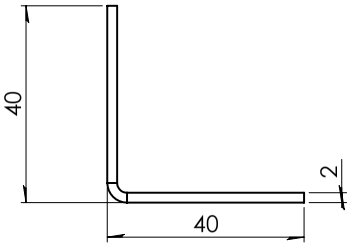


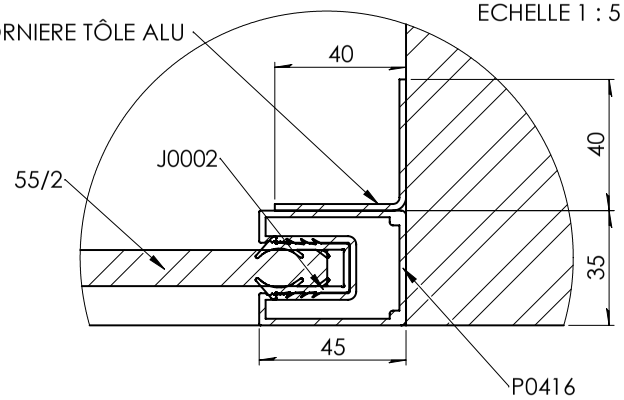
SECTION B-B
ECHELLE 1 : 5

CORNIERE TÔLE ALU



CORNIERE TÔLE ALU





DETAIL C
SCALE 2 : 3

Chevilles et calage en matière inoxidable Hors lot BODYGUARD
Les garde-corps sont le label QUALICOAT pour un usage hors milieu corrosif ou salin
Franco de port et emballage

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier

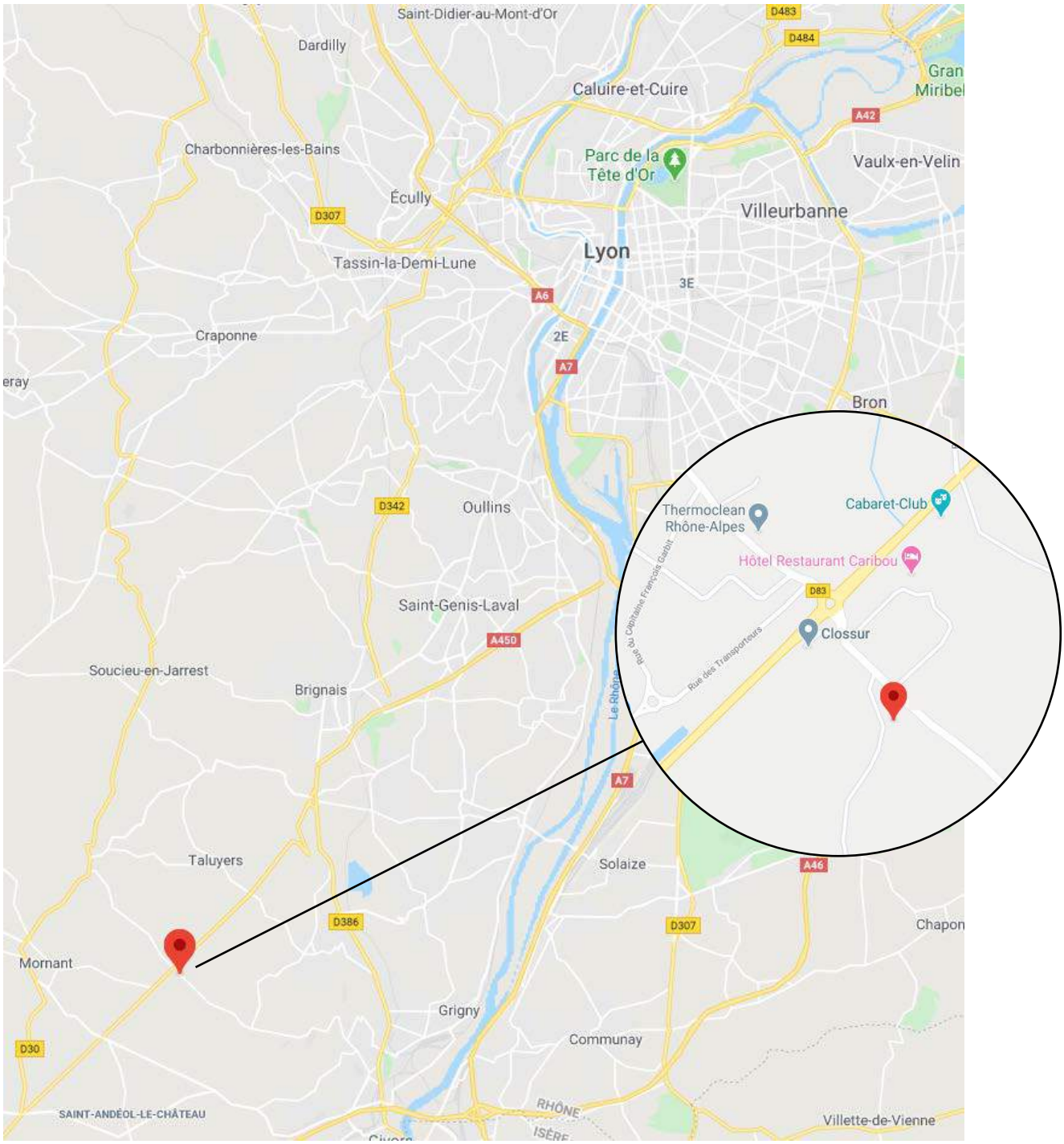
DESIGNATION :

GC-FICHE-PRODUIT-PROFIL-P0416

Date	09/03/2020	Matière : 6060-T5-test	Client :		
Dessiné par	M.Joubert	Masse : 442.3902	Affaire :	Feuille 1 sur 1	A3
Révision	A			Echelle : 1:10	

VISIO - P0416

BODYGUARD
CRÉATION ET FABRICATION DE GARDE-CORPS ALU
Embellir votre sécurité, notre métier



04 72 31 85 21
Gilles Ferrand : 06 77 10 03 51
contact@bodyguard-alu.fr
adv@bodyguard-alu.fr
www.bodyguard-alu.com

BodyGuard SARL
250 route des Varennes - ZI Chassagny
CS 90518 - 69700 BEAUVALLON

Support technique / Bureau d'études
bureau.etude@bodyguard-alu.fr

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