

**ALUMINCO**<sup>®</sup>  
ALUMINIUM BUILDING SYSTEMS



2012

*Feel  
the Difference!*

Catalogue of aluminium railings in anodized finish  
Catalogue des garde corps en aluminium, en aspect inox



# INDEX

<b>ALUMINCO</b> ALUMINIUM BUILDING SYSTEMS	2
Introduction / Introduction	4
Finish / Finitions	6
<b>F50 Accord</b>	8
<b>F50 Accord</b> QUATTRO	16
<b>F50 Accord</b> SQUARE	18
<b>F50 Accord</b> X SQUARE	20
<b>F50 Accord</b> TUBULAR	22
<b>F50 Accord</b> BLADE	26
<b>F50 Horizon</b>	28
<b>F50 Horizon</b> X-Rail	30
<b>F50 Horizon</b> Quattro	34
<b>F50 Horizon</b> U-Rail	36
<b>F50 Horizon</b> H-Rings	40
<b>F50 Horizon</b> Frame	42
<b>F50 Horizon</b> BLADE	44
<b>F50 Vertical</b>	46
<b>F50 Vertical-R</b>	48
<b>F50 Vertical-D</b>	50
<b>F50 Vertical-Q</b>	52
Applications / Applications	54
Profiles / Profils	66
Accessories / Accessoires	70
Montage Materials Matériaux de Montage	83
Installation Regulations Règles d'Installation	84
Solid Polycarbonate Sheets Plaques Solides en Polycarbonate	88



**ALUMINCO** represents the first company in the field, which since its foundation in 1982, initiated a new generation of innovative products of cast aluminium in traditional designs, complying with the current architectural and constructional needs.

Today it has been developed into a completely vertical aluminium industry, probably unique in Greece that processes aluminium in three ways:

- **Extrusion** - with a production capacity of 13.000 tones of profile per year
- **Doors & Panels** - with a production capacity of 70.000 panels per year
- **Foundry** - with a production capacity of 1.000 tones per year

In **ALUMINCO**'s production center, which is extended into 30.000 sq.m in Inofyta Viotia, 40 km from Athens, the company has integrated aluminium process units, polyester powder coating, montage, finishing and packaging of the products which produces and delivers finished, ready for use.

With integrated solutions for the professional constructor and an outstanding corporate strategy, characterized by:

- **Restless, innovative spirit**  
Continuously focusing into research and development of new, improved products and systems which fully comply with the quality, the design and performance standards of the EE countries.

- **Outstanding quality**  
With production processes certified by the ISO 9001 & ISO 9014. With dyeing processes based on the QUALICOAT specifications and extra Seaside Class process.

- **Unsurpassed flexibility**  
Besides its size, **ALUMINCO** is always ready to design and produce customized products and solutions, which meet the requirements of even its most demanding clientele.

Therefore, it's not an accidental fact that **ALUMINCO**'s export activity covers over 60 countries, in 5 continents.

# COMPANY PROFILE



**ALUMINCO** est la première société d'aluminium qui, depuis sa création en 1982, a lancé une nouvelle génération de produits innovateurs en fonte d'aluminium sur des motifs traditionnels, en répondant ainsi aux besoins modernes de l'architecture et de la construction.

Aujourd'hui, elle continue d'évoluer en une industrie d'aluminium complète et verticale, peut-être la seule en Grèce, qui traite l'aluminium de trois façons différentes:

- Extrusion - capacité de production de 13.000 tonnes de profils en alu par an
- Portes - capacité de production de 70.000 panneaux par an
- Fonderie - capacité de production de 1.000 tonnes par an

En même temps, au centre de production d'**ALUMINCO**, qui se trouve à 40 kms d'Athènes, à Inofta Viotias et qui occupe 30.000 m<sup>2</sup>, nous avons organisé des unités complètes de traitement, de thermo laquage, de montage, de finition et d'emballage des produits que nous produisons et que nous livrons prêts à la pose.

## • Un esprit curieux et innovateur

**ALUMINCO** est toujours attachée à la recherche continue et au développement de nouveaux produits et de systèmes, capables de correspondre aux marchés du monde occidental tant exigeants et évoluant si rapidement, au niveau de la qualité, esthétique et de la fonctionnalité.

## • Persistance dans la qualité

Par une procédure de production conforme aux normes ISO 9001 & ISO 9014.

Par une procédure de thermolaquage basée sur les normes de QUALICOAT et de plus par le traitement spéciale appliqué pour des zones maritimes (Seaside Class).

Par des systèmes de menuiserie et de garde-corps certifiés par des Institutions bien reconnues et des organisations internationales, comme IFT ROSENHEIM, EKANAL, BUREAU VERITAS, TÜV, INSTITUTO GIORDANO, ICC.

## • Grande flexibilité

Face aux besoins complexes de chaque client. Bien qu'**ALUMINCO** fabrique une large gamme de produits et couvre presque tout besoin architecturale et de construction, elle est toujours prête à concevoir et à fabriquer des produits et des solutions sur mesure pour pouvoir répondre à toutes les exigences !

C'est pour cela qu'**ALUMINCO** présente une activité d'exportation dans plus de 60 pays dans le monde.

## ALUMINCO solutions

- Aluminium Profile systems
- Aluminium Panels
- Main entrance doors
- Railing systems
- Outdoor living systems

## Solutions ALUMINCO

- Systèmes de profilé d'aluminium
- Panneaux en aluminium
- Portes d'entrée
- Systèmes de garde-corps
- Systèmes d'espaces extérieurs

**TÜV**  
AUSTRIA  
HELLAS  
EN ISO 9001:2008  
No.: 01010151





# F50 Railing System

ALUMINCO presents its brand new, modern, stylish and fully integrated railing system. The **F50 Railing System**.

F50 Railing System is based on an extremely simple design and constructional concept: a tubular system of anodized or polyester powder coated aluminum, which is elaborately bonded with connectors and supports creating a discrete, distinctive and high aesthetics result.

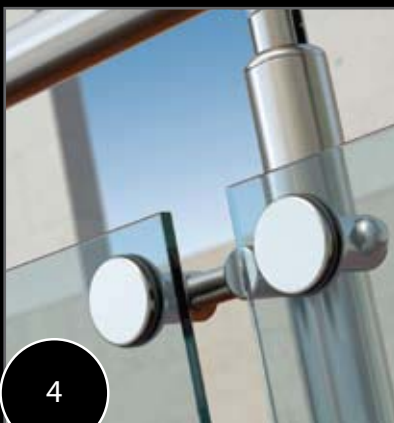
Its metal elements fit in harmony together forming an extremely elegant, beautiful, and inspiring look. They can optionally be combined with a variety of Lexan® polycarbonate sheets or glass, offering unlimited options for numerous architectural applications.

In INOX type series, aluminum profiles and accessories have gone under an advanced anodizing treatment, producing a thickness grade of at least 20 microns characterized by unique properties: extreme hardness - second only to diamond - and unique stainless steel finish. The series offers substantial competitive advantages over stainless steel systems: high aesthetics, lightweight and lower cost.

For color lovers, F50 Railing System is offered in a wide range of powder coating, RAL, special, mat, textured and wood imitation. **ALUMINCO's** powder coating production is approved and ensure that all process are qualicoat seaside class certified.

The F50 Railing System applications are unlimited and offer unique solutions to the contemporary constructions. Some of them are:

- Balcony railings and outdoor stair railings, with unique appearance and durability to the various environmental conditions. Suitable for modern houses and commercial buildings, outdoor hotel cites (such as balconies, pools etc), public places especially practical in big cities (such as metro stations, museums etc).
- Indoor stairs railings and houses' and business building's interior (such as hotels, restaurants, coffee shops etc) offering a special sense of high aesthetics.



# F50 Système de Garde-corps

ALUMINCO présente le nouveau système intégré et moderne de garde-corps  
**F50 Railing System.**

Le F50 Railing System se base sur une conception simple et esthétique; sur un système tubulaire d'aluminium anodisé ou électrostatiquement laqué, attaché de manière parfaite avec des accouplements et des raccords, créant un ensemble aérien d'haute esthétique.

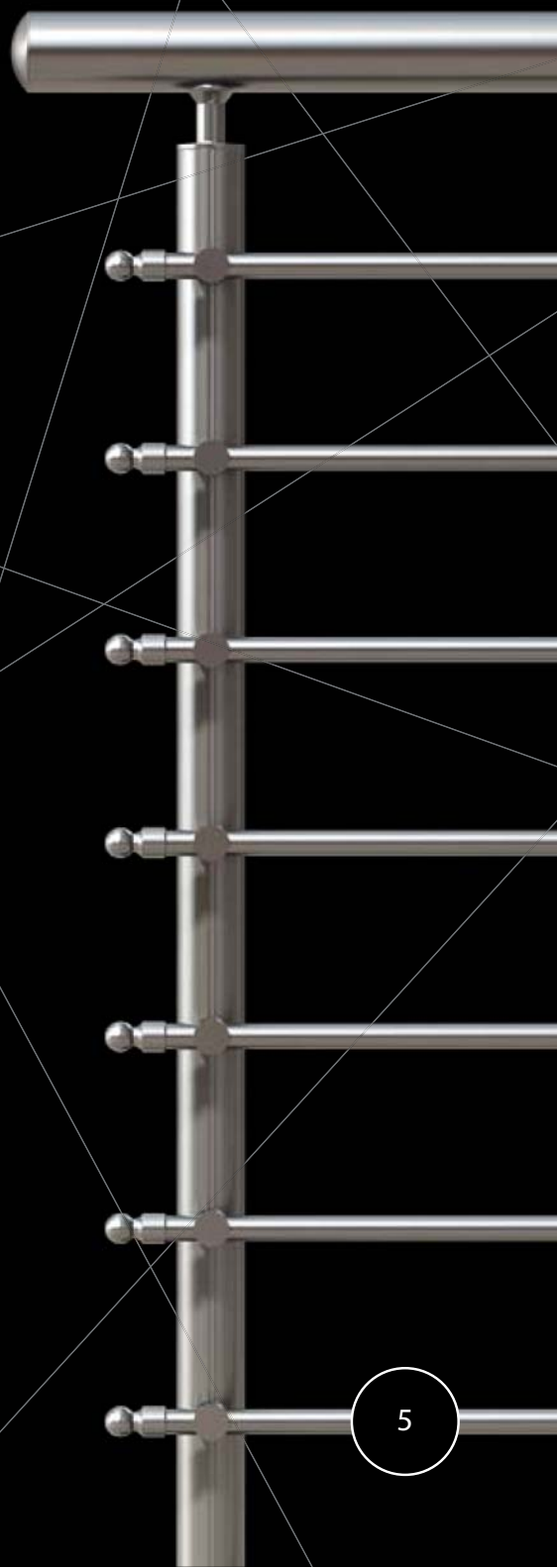
Ses éléments métalliques se combinent avec harmonie entre eux en créant un ensemble absolument beau et homogène. Ils peuvent aussi être combinés avec des feuilles denses de polycarbonate Lexan® ou de verre, en offrant ainsi des possibilités uniques d'applications architecturales.

Dans la série type INOX, les profilés et les accessoires d'aluminium sont soumis à un processus d'anodisation d'une épaisseur de 20 microns caractérisée par une haute qualité et un luisant unique. De cette manière, ils offrent des avantages aptes devant les systèmes d'acier inoxydable: une haute esthétique et une économie plus importante.

Pour les amateurs des couleurs, le système est disponible en plusieurs finitions, comme la gamme RAL, des teintes mat, grenées, mais aussi des imitations bois. Presque tous les modèles, peuvent être laqués conformément aux prescriptions Qualicoat Seaside Class, appliqué par ALUMINCO.

Les applications de F50 Railing System sont nombreuses et elles offrent des solutions uniques aux constructions modernes, comme:

- Des garde-corps pour des balcons et des escaliers extérieurs, avec une apparence distinguée et une résistance spéciale aux conditions environnementales diverses. Elles sont adéquates pour des résidences modernes et des édifices professionnels, des espaces extérieurs d'hôtels (comme des balcons, des piscines etc.), des espaces publics en ville (stations de métro, musées etc.).
- Des garde-corps pour des escaliers intérieurs et des planchers de résidences et d'espaces professionnels (comme des hôtels, des restaurants, des cafeterias etc.) qui donnent une sensation d'haute esthétique dans l'espace.



 **ISTITUTO  
GIORDANO**



## Anodizing

Anodizing successfully combines science with nature to create one of the best natural finishes available for aluminum. It is an electrolytic process used to increase the thickness & the hardness of the natural oxide layer on the surface of aluminum parts.

## Anodisation

L'anodisation combine avec réussite la science et la nature pour créer un de plus beaux finissages qui existent pour l'aluminium.

Il s'agit d'une procédure électrochimique qui augmente l'épaisseur et la dureté de la couche naturelle protectrice de l'oxyde d'aluminium, qui se crée d'une manière naturelle sur la surface du métal, quand l'aluminium s'expose à l'air atmosphérique.

## Benefits of Anodizing

Anodizing is a unique finish which fulfils high quality standards and has significant advantages:

- Great Resistance. Extremely long service life and low maintenance costs.
- Color stability. Anodizing offers highly resistant to UV radiation and doesn't flake or crack.
- Ease of maintenance. F50 anodized parts can easily be cleaned and remain brand new by using natural water, a mild soap and soft cloth.
- High aesthetics. Unlike other finishes, anodizing allows the aluminum to maintain its metallic appearance, similar to inox steel.
- Low cost. Installation and maintenance cost is much lower compared to inox steel.
- Safe and Durable. Anodizing is a chemically stable process. It is not toxic, does not decompose and is highly resistant to heat.

## Les Avantages De L'Anodisation

L'anodisation est le seul finissage de l'industrie des métaux qui satisfait tous les paramètres importantes du finissage d'aluminium de hautes performances:

- Grande résistance. Une vraie durabilité et un avantage économique important grâce à son coût bas d'entretien.
- Stabilité de couleur. Extrêmement résistant au rayonnement ultraviolet. Il ne fissure pas, il ne craque pas.
- Facilité de entretien. Un seul rinçage ou un lavage simple à l'eau et un simple détergent donne de nouveau à la surface anodisée son apparence initiale.
- Haute esthétique. Contrairement aux autres finissages, l'anodisation permet à l'aluminium de maintenir son apparence métallique, similaire à celle de l'inox.
- Coût. Un coût bas d'installation en comparaison à l'inox et un coût bas d'entretien aussi. Une valeur plus grande dans le temps.
- Sûr et résistant. L'anodisation est une procédure chimiquement stable. Elle n'est pas toxique, elle ne se dégrade pas et elle est extrêmement résistante à la chaleur (jusqu'au point de fusion de l'aluminium)

### THE PROCESS

F50 Railing System is anodized according to the Sulfuric acid method and the production meets the standards for moderate thickness coatings

MIL-A-8625 Type II .

### L'ELABORATION

La prescription utilisée pour le F50 Railing System est la MIL-A-8625, Type II - Sulfuric Acid Anodisation avec d'oxyde du soufre / nickel. Cette procédure offre:

- Une épaisseur modérée de couches de 20 mm à 25 mm
- Une nuance standardisée et une luisance comme le fer inoxydable.

## Care & Maintenance

DO

Warm natural water and a mild soap is enough for cleaning F50 anodized parts. In small parts a soft cloth can be also used. If there is fat remaining, a soft cloth and white spirit can be used. Wash properly by using natural water

DON'T

Acid or alkaline cleaners are not recommended because it due to coating damage. Sandpaper, or other abrasive materials should not be used in order to remove dirt.

### How often parts should be cleaned?

Cleaning frequency should be between once a month up to once every six months, depending on the application and the environment where F50 is exposed.

## Soin Et Maintenance

La beauté naturelle et la luisance de l'anodisation prouve qu'elle est résistante au temps. Même après 20 ans et avec un entretien adéquat votre installation sera aussi belle que le premier jour.

Qu'est-ce que vous devez utiliser?

Un simple rinçage à l'eau et un savon simple sont suffisants, au moment où l'aluminium anodisé est déblayé régulièrement. Pour les petits accessoires vous pouvez utiliser un tissu simple pour le frotter.

Quand il y a des graisses, pour les nettoyer, il est possible que vous utilisiez un tissu simple mouillé avec du white spirit.

Après le nettoyage, il est nécessaire de bien rincer à l'eau, particulièrement, s'il y a des alvéoles, afin que vous puissiez être sûrs que tous les résidus soient éloignés.

Qu'est-ce que vous devez utiliser?

Les décapants acides ou alcalins ne sont pas recommandés parce qu'ils peuvent gâter le recouvrement de l'anodisation. Aussi, ne doivent jamais être utilisés sauf après recommandation d'une société spécialisée pour le nettoyage de l'aluminium anodisé, des produits chimiques pour la maison parce qu'ils peuvent aussi gâter le recouvrement de l'anodisation.

N'utilisez pas de papier abrasif, de fil d'acier ou d'autres matériaux durs.

Quelle fréquence?

La fréquence avec laquelle doit se faire le nettoyage doit varier entre une fois par mois jusqu'à une fois par semestre, cela dépend de l'utilisation et l'environnement auquel l'installation est exposée.

## Paint Finish

Polyester powder coating protects from corrosion and offers high aesthetic appearance.

**ALUMINCO** applies coating quality QUALICOAT - Sea-side Class. The introduction of quality certification QUALICOAT ensures that:

- Coating unit has the proper equipment and follow this process and approved
- Coating unit is obliged to implement any new requirement of specifications required by the evolution of technology and know-how acquired.
- Coating unit on a daily basis checks the quality of products produced and follows specific standards as defined by the relevant specifications.



## Peinture

La peinture électrostatique est le recouvrement d'aluminium avec des résines spéciales de polyester, lesquelles assurent, d'une part, sa protection par l'érosion, et d'autre, elles donnent l'apparence esthétique et chromatique désirée.

La palette des couleurs des résines de polyester d'Aluminco dispose:

- De nombreuses nuances standardisées ainsi que des nuances spécialisées Ral
- imitation du bois et de marbre
- couleurs grenées
- couleurs avec des additions métalliques
- couleurs avec des effets spéciaux.

ALUMINCO applique la procédure de la qualité de la peinture QUALICOAT-SEA SIDE CLASS. L'institution du certificat de la qualité QUALICOAT garantit que:

- L'unité d'élaboration a l'équipement adéquat et elle suit une procédure productive spéciale et approuvée.
- L'unité est obligée d'appliquer toute sorte d'exigence de prescriptions imposées à cause de l'évolution de la technologie et du savoir-faire.
- L'unité réalise quotidiennement, des contrôles de qualité de produits fabriqués, qui doivent avoir des caractéristiques de qualité spéciale (épaisseur, apparence, adhérence etc.) comme définis par les prescriptions relatives.



models  
modèles



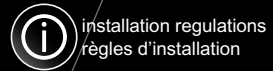
applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

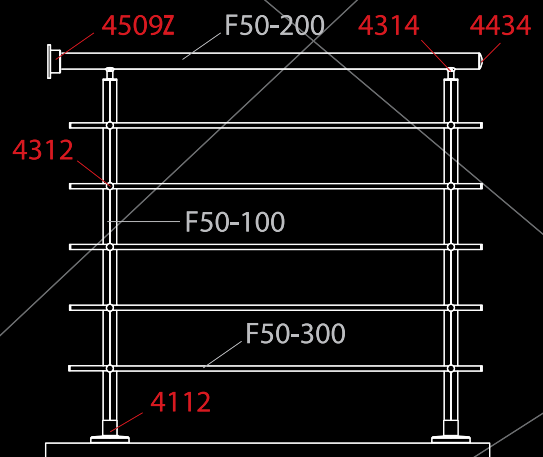
# F50 *Accord*

Parallel lines and simple mounting in total accord.

Lignes parallèles et fixations simples en harmonie absolue.



Available Finish  
Finition Disponible





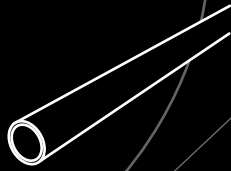
## 4314

Railtop support with column  
(straight)  
Support de main courante – poteau  
(droit)



## F50-300

Ø16x1,3 Profile  
Profilé Ø16x1,3



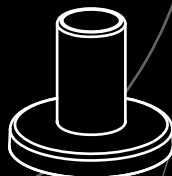
## 4319

Adjustable corner Ø50 railtop connector  
Joint réglable de main courante Ø50



## 4112

External support foot for F50-100  
column  
Pied de support du poteau F50-100



## 4437

Ø16 Profile finish  
Finition de profilé Ø16



## 4312

Column F50-100 connector  
with Ø16 profile  
Joint de poteau F50-100 avec  
profilé Ø16



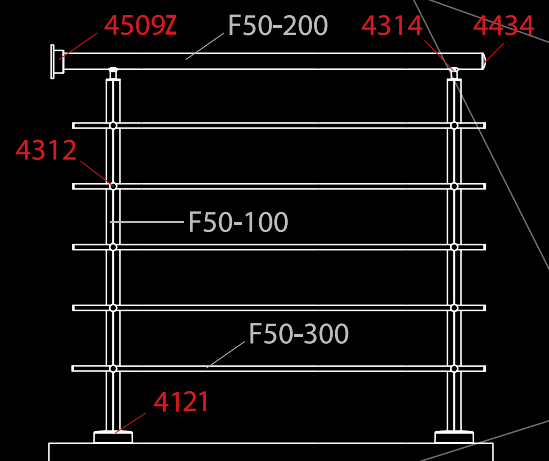
# F50 *Accord*

Variation of the basic Accord design, with curved corner connectors.

Variante de dessin de base, avec des cornières cintrées.



Available Finish  
Finition Disponible



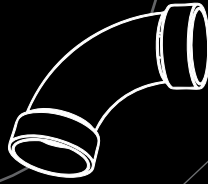
**4314**

*Railtop support with column (straight)  
Support de main courante - poteau  
(droit)*



**4219**

*Ø50 Railtop corner connector 90°  
Jonction coudé 90° de main  
courante Ø50*



**4228**

*Ø16 Profile connector 90°  
Jonction 90° de profilé Ø16*



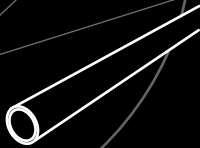
**4229**

*Ø16 Profile connector 135°  
Jonction 135° de profilé Ø16*



**F50-300**

*Ø16x1,3 Profile  
Profilé Ø16x1,3*



**4121**

*Support foot for F50-100 column  
Pied de support extérieur pour  
poteau F50-100*





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



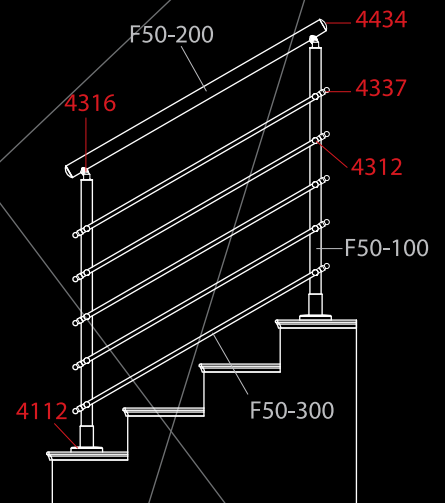
installation regulations  
règles d'installation

# F50 *Accord*



Specially designed accessories, allow application of the Accord design on any type of staircase, indoor or outdoor.

Les pièces sont spécialement dessinées pour l'application de dessin Accord sur chaque type d'escalier, intérieur ou extérieur.



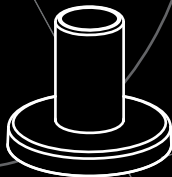
## 4316

Railtop Ø50 support  
for F50-100 column (stairs)  
Support de main courante Ø50  
pour poteau F50-100 (escaliers)



## 4112

External support foot for F50-100  
column  
Pied de support extérieur pour  
colonne F50-100



## 4437

Ø16 Profile finish  
Embout de profilé Ø16



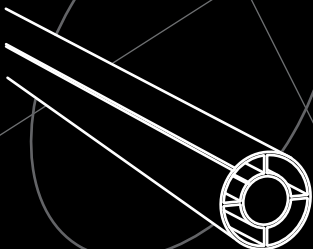
## 4312

Column F50-100 connector  
with Ø16 profile  
Jonction de poteau F50-100  
avec profilé Ø16



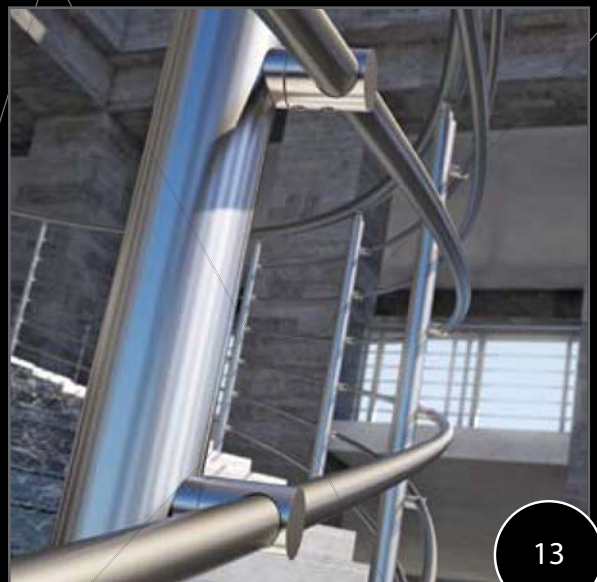
## F50-100

Ø42 Support column  
Poteau de support Ø42



## F50-300

Ø16x1,3 Profile  
Profilé Ø16x1,3





modèles  
modèles



applications



profils  
profilés



accessoires  
accessoires



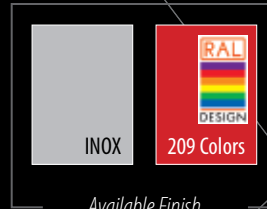
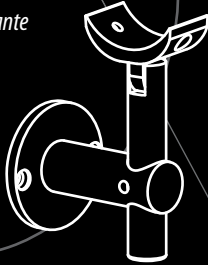
installation réglementations  
règles d'installation

# F50 *Accord*

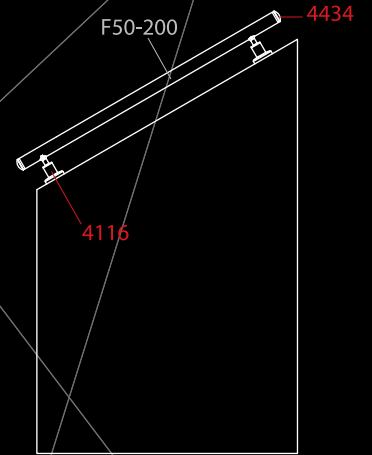


# 4165

Wall support  
for F50-200 railtop  
Fixation murale de  
main courante  
F50-200



Available Finish  
Finition Disponible



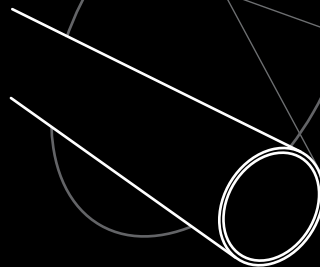
# 4434

F50-200 Railtop cover  
Bouchon de main  
courante F50-200



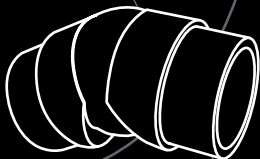
# F50-200

Ø50 Railtop  
Main courante Ø50



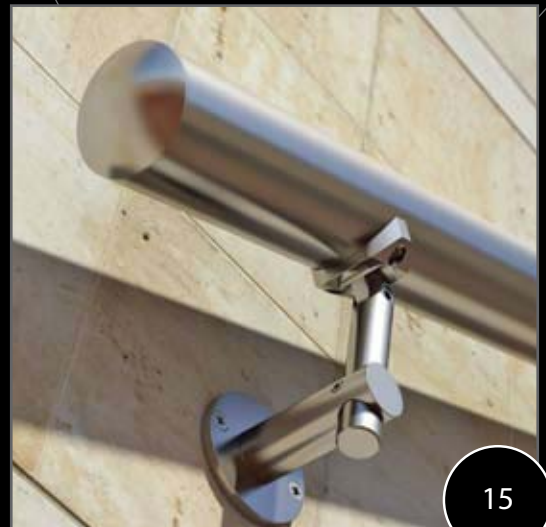
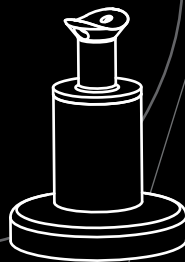
# 4329

Adjustable corner Ø50 railtop  
connector  
Cornière réglable de main  
courante Ø50



# 4116

Support for F50-200 railtop  
Support de main courante  
F50-200





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

# F50 *Accord* QUATTRO

Harmonic assimilation between circle and square.  
Tubular and rectangular profile.

Harmonisation du cercle avec le carré.  
Profil tubulaire et profil carré.

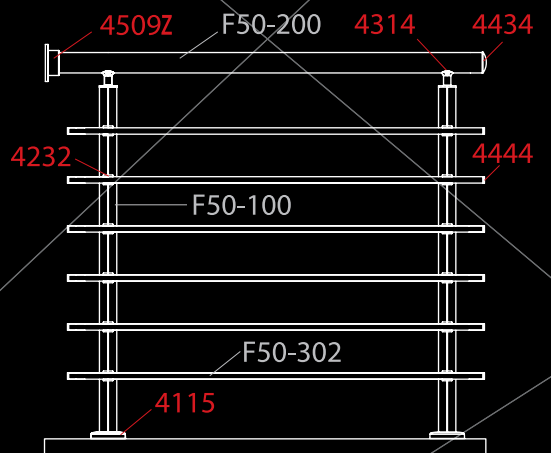


INOX



209 Colors

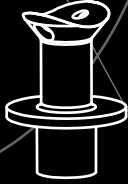
Available Finish  
Finition Disponible





## 4314

Railtop support with column  
(straight)  
Support de main courante - poteau  
(droit)



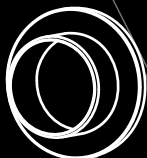
## 4232

F50-100 Column connector profile F50-302  
(external/support)  
Jonction de poteau F50-100 avec profilé  
F50-302 (K16x16) (pose en applique)



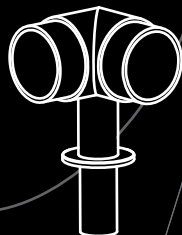
## 4509Z

Wall cover for rail top Ø50 with cover  
Couvre joint de la main courante  
Ø50 avec bouchon



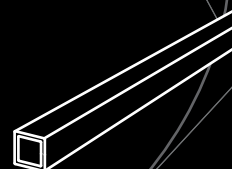
## 4231

Ø50 Railtop corner connector 90°  
for column F50-100  
Jonction réglable 90° de main  
courante Ø50 avec poteau  
F50-100



## F50-302

K16x16x2 Profile  
Profilé K16x16x2



## 4444

F50-302 (K16x16) profile cover  
Bouchon de profilé F50-302 (K16x16)





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

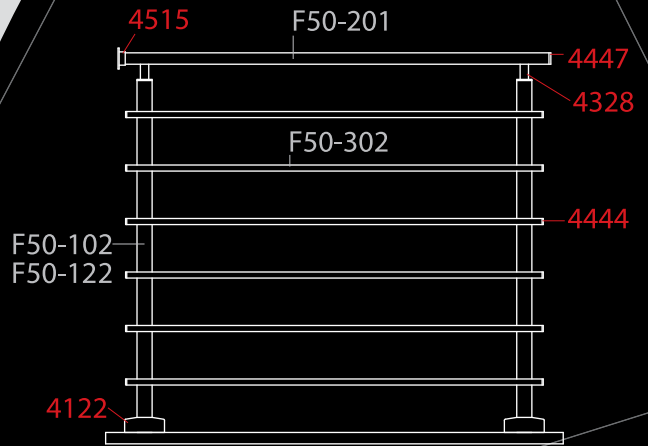
# F50 Accord SQUARE

Based on the Accord concept, with square profiles.

Même principe que le modèle Accord, mais avec des profilés carrés.

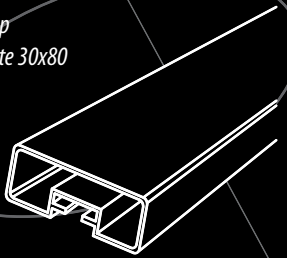


Available Finish  
Finition Disponible



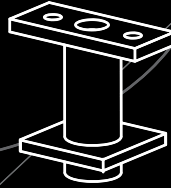
## F50-201

30x80 Railtop  
Main courante 30x80



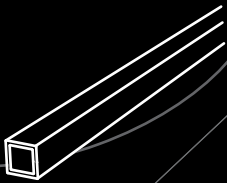
## 4328

F50-102 connector  
with F50-201  
Jonction du F50-102  
avec le F50-201



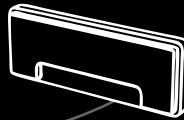
## F50-302

K16x16x2 Profile  
Profilé K16x16x2



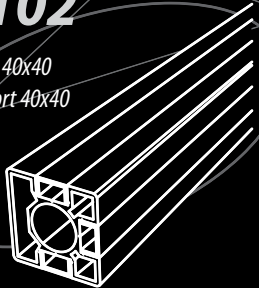
## 4447

F50-201 railtop cover  
Bouchon de main  
courante F50-201



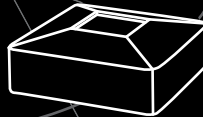
## F50-102

Support column 40x40  
Poteau de support 40x40



## 4122

Support foot for F50-102 column  
Pied de support extérieur pour  
poteau F50-102





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

# F50 Accord X SQUARE

Cubic notion of Accord Square, with discrete, modern connections.

La notion cubique du modèle Accord Square, mais avec des reliures discrètes, modernes.

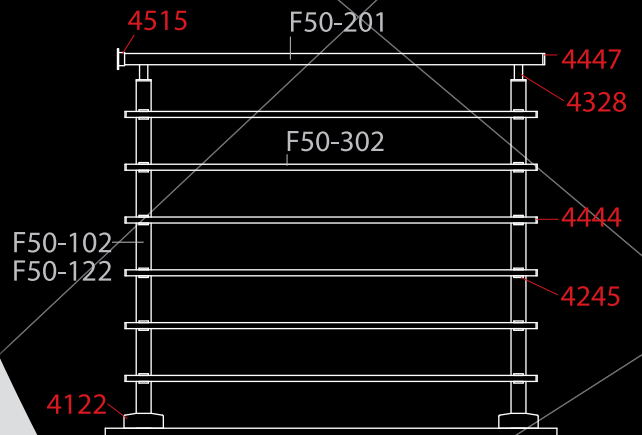
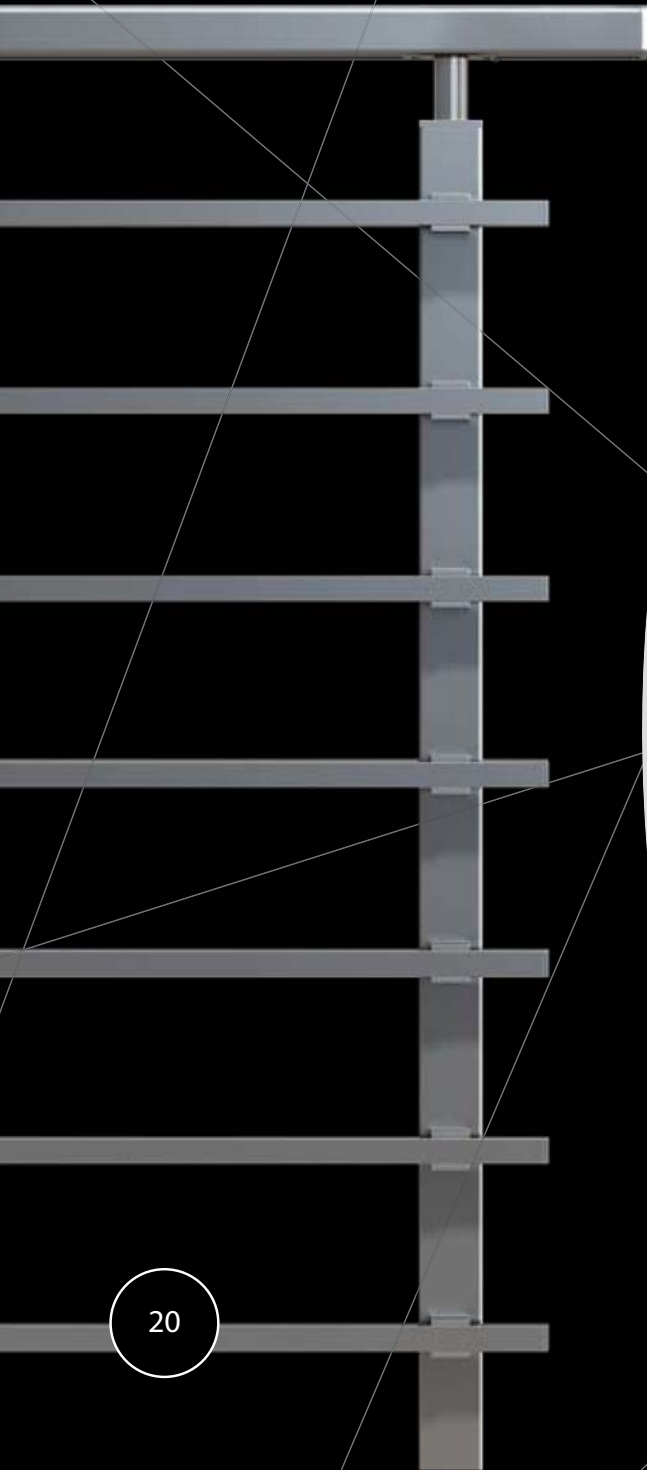


INOX



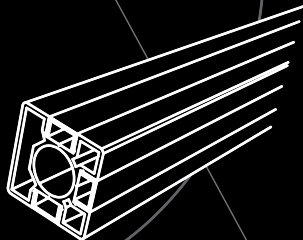
209 Colors

Available Finish  
Finition Disponible



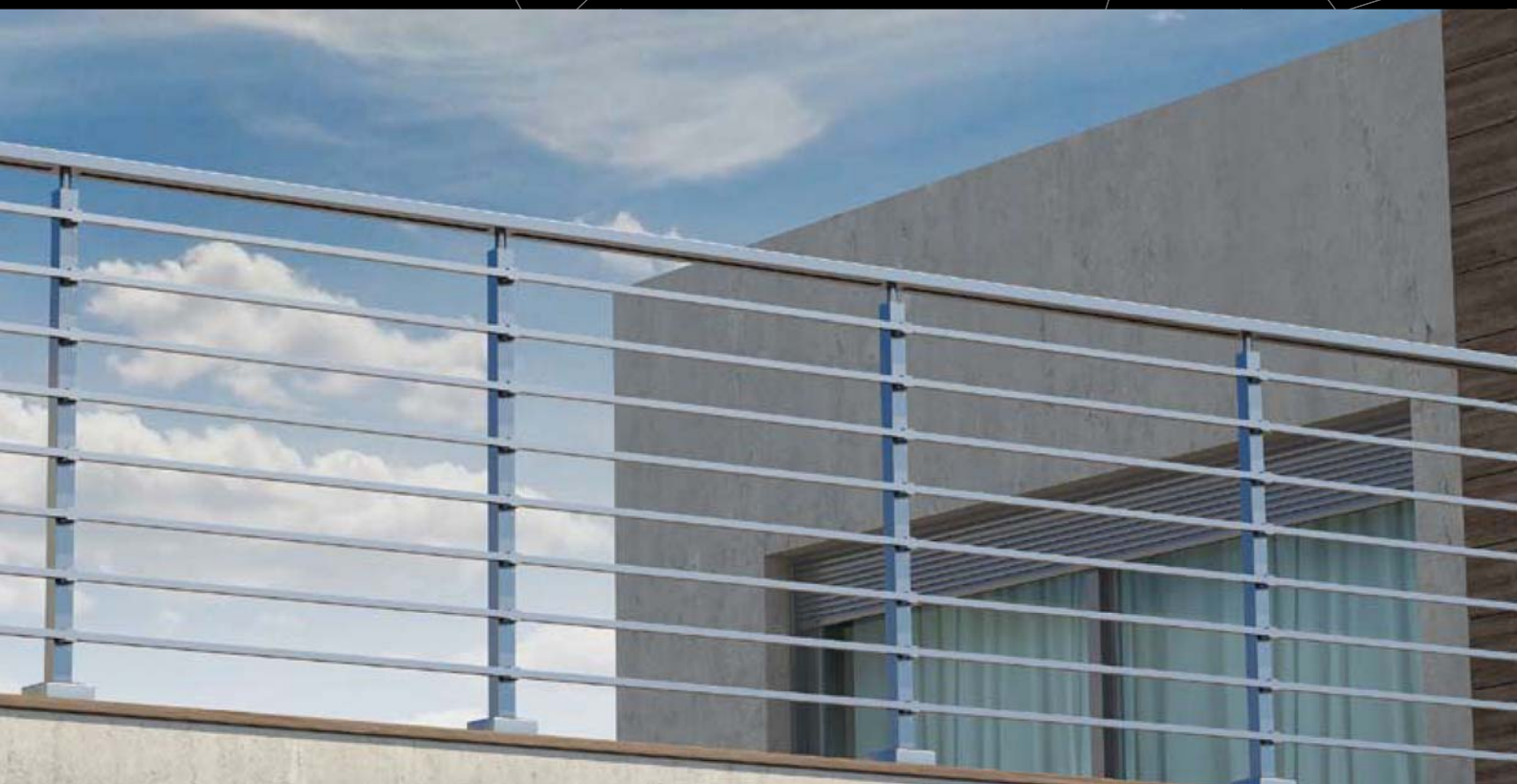
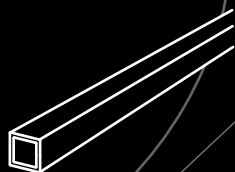
## F50-102

Support column 40x40  
Poteau de support 40x40



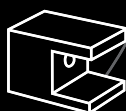
## F50-302

K16x16x2 Profile  
Profilé K16x16x2



## 4245

F50-102 Column connector profile  
F50-302 (external support)  
Jonction de poteau F50-102 avec  
profilé F50-302 (K16x16)  
(pose en applique)



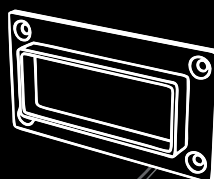
## 4444

F50-302 (K16x16) profile cover  
Bouchon de profilé F50-302  
(K16x16)



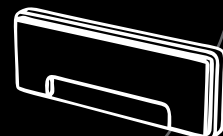
## 4515

F50-201 railtop cover  
Bouchon de main  
courante F50-201



## 4447

F50-201 railtop cover  
Bouchon de main  
courante F50-201





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

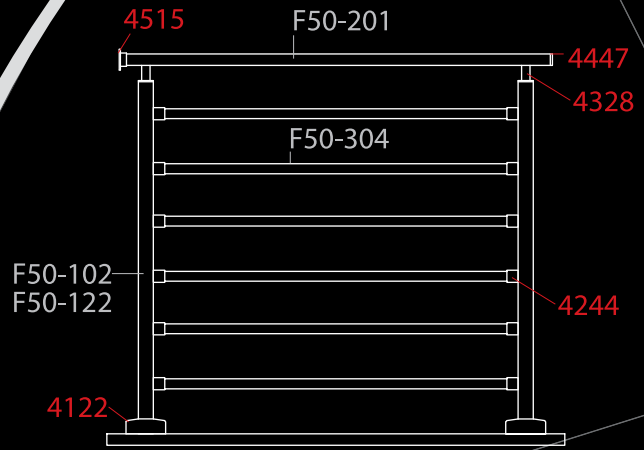
# F50 Accord TUBULAR

Perfect combination of square and tube profiles. Simple lines in absolute accordance.

Combinaison parfaite des profils carrés et tubes. Des lignes simples en harmonie complète.

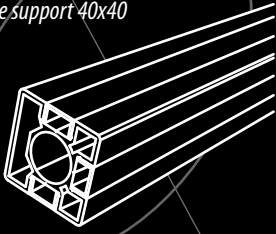


Available Finish  
Finition Disponible



## F50-102

Support column 40x40  
Poteau de support 40x40



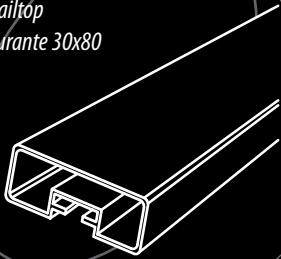
## 4244

Column connector to profile Ø26  
Jonction de poteau F50-102  
avec le profilé Ø26



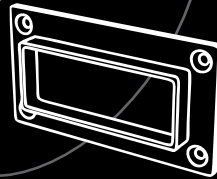
## F50-201

30x80 Railtop  
Main courante 30x80



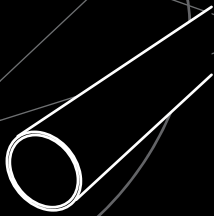
## 4515

F50-201 railtop cover  
Bouchon de main  
courante F50-201



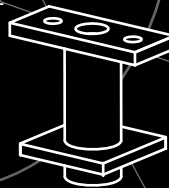
## F50-304

Ø26 Profile  
Profilé Ø26



## 4328

F50-102 connector  
with F50-201  
Jonction du F50-102  
avec le F50-201





models  
modèles



applications



profiles  
profilés

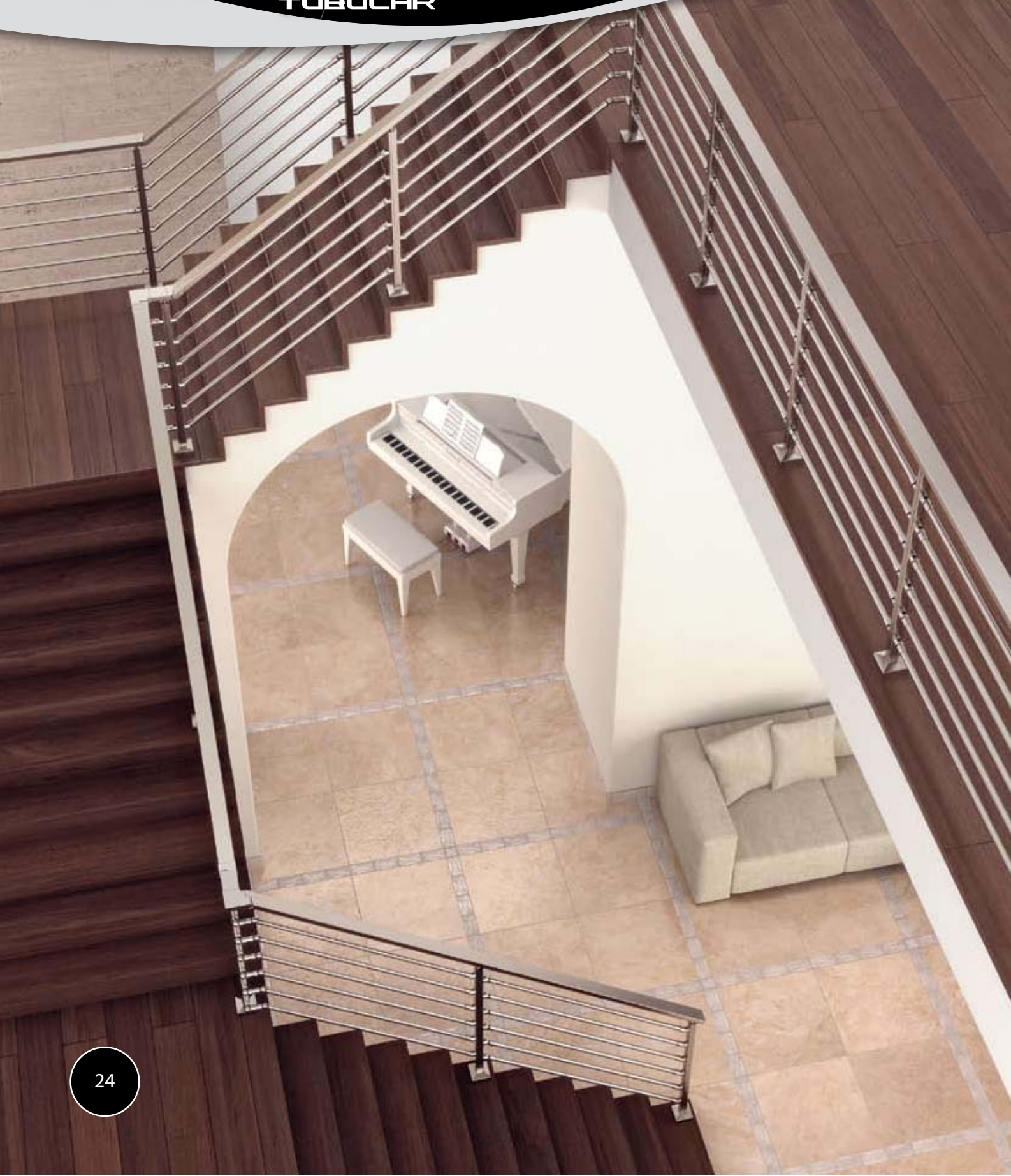


accessories  
accessoires



installation regulations  
règles d'installation

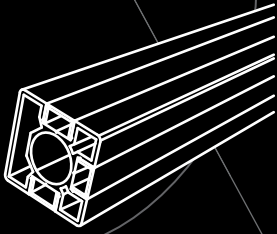
# F50 *Accord* TUBULAR





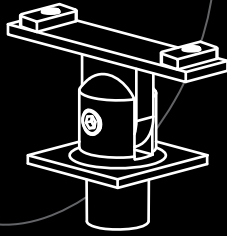
## F50-102

Support column 40x40  
Poteau de support 40x40



## 4345

Railtop 80x30 & column F50-102 support  
Support de main courante 80x30 pour  
colonne F50-102



F50-201

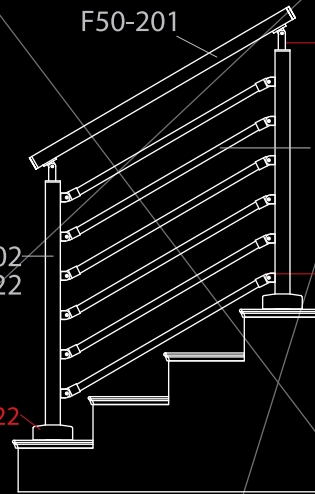
4345

F50-304

F50-102  
F50-122

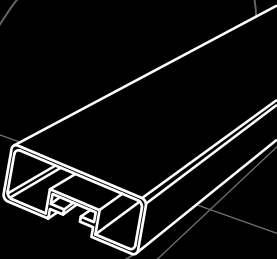
4349

4122



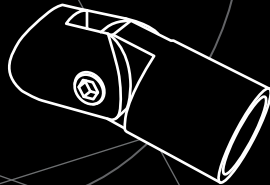
## F50-201

30x80 Railtop  
Main courante 30x80



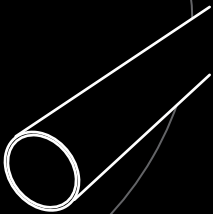
## 4349

Column 40x40 joint for Ø26 profile  
Articulation de colonne 10x10 avec  
profilé Ø26



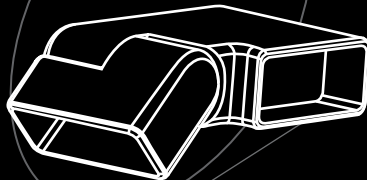
## F50-304

Ø26 Profile  
Profilé Ø26



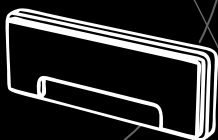
## 4347

Adjustable corner connector for  
railtop 80x30  
Connection angulaire variable de  
main courante 80x30



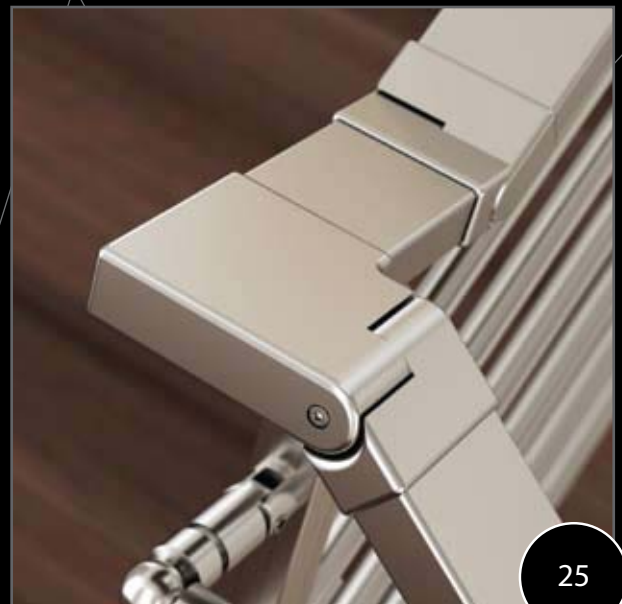
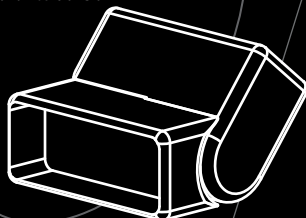
## 4447

F50-201 railtop cover  
Bouchon de main  
courante F50-201



## 4346

Adjustable corner connector for  
railtop 80x30  
Connecteur d'angle variable de main  
courante 80x30





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

# F50 *Accord* BLADE

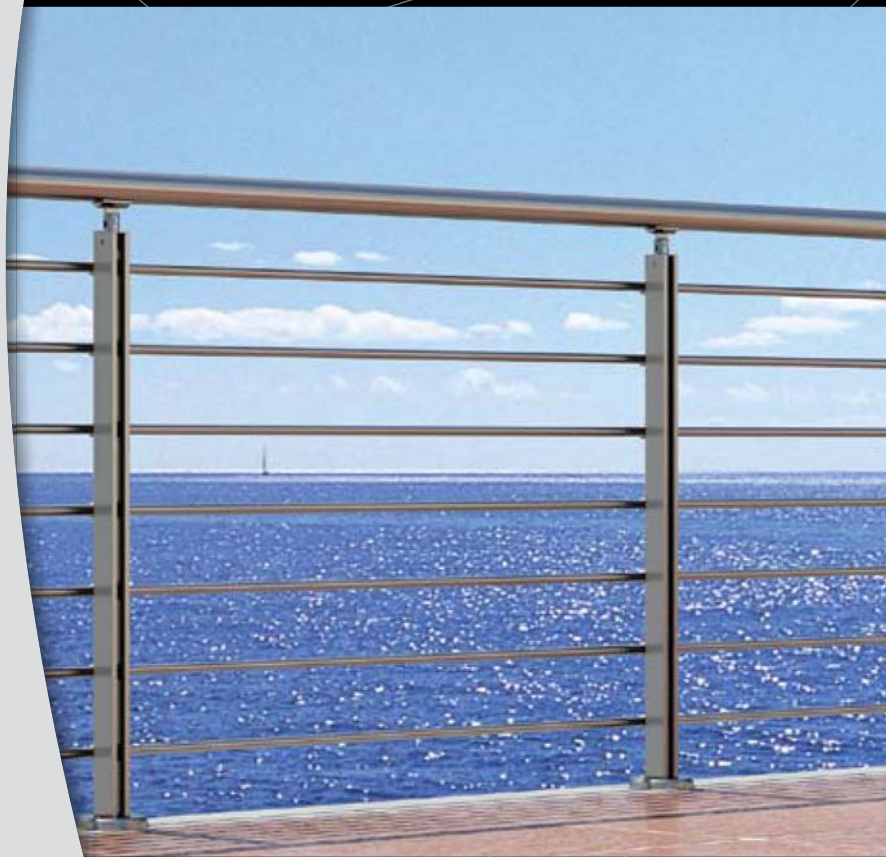
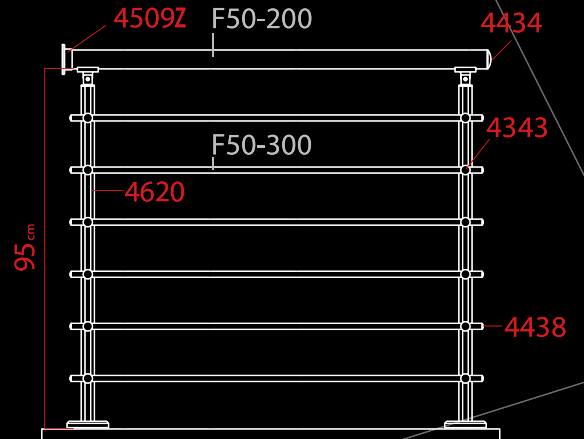
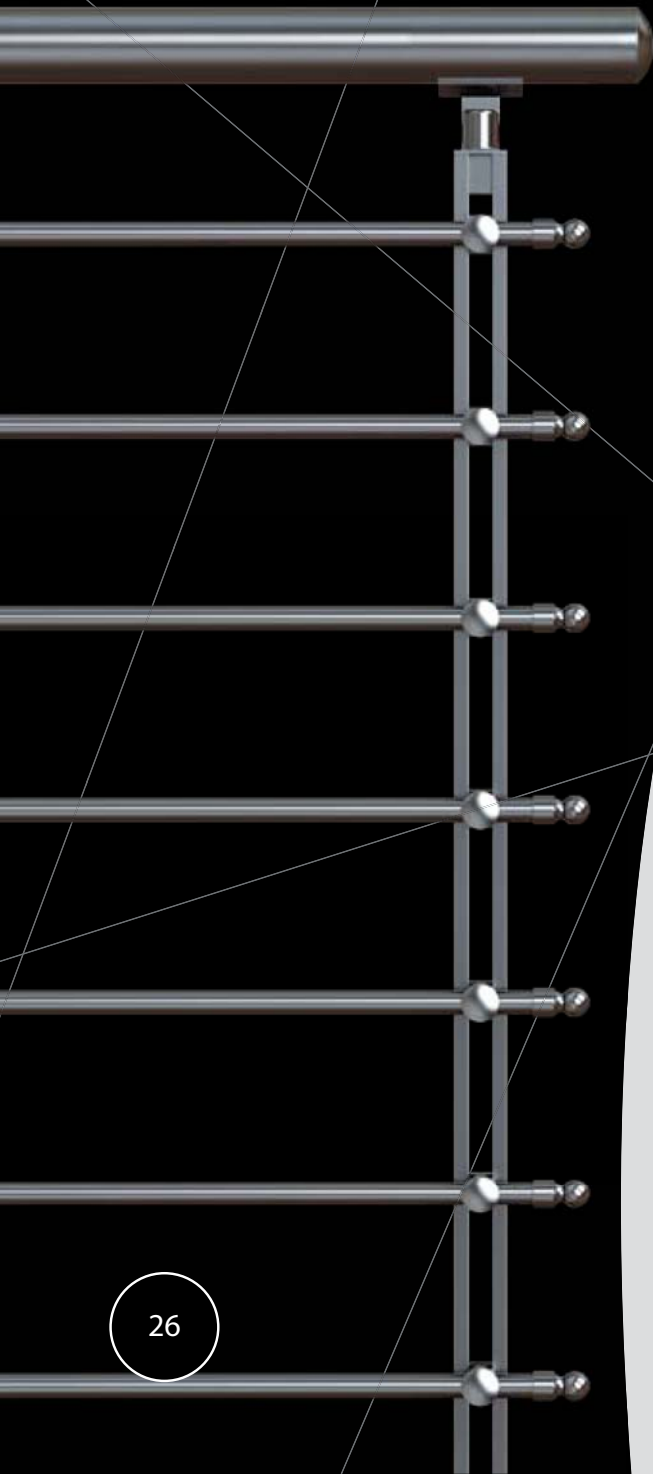
Parallel lines in a specially designed double column.

Des lignes parallèles à un double poteau, spécialement conçu.



INOX

Available Finish  
Finition Disponible



**4620**

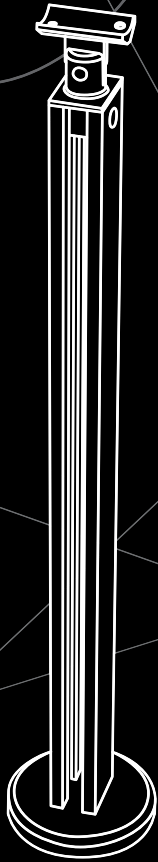
Ready-made column

Poteau prêt à la pose

4620-100 column/poteau 100cm

4620-095 column/poteau 95cm

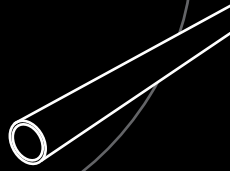
4620-050 column/poteau 50cm



**F50-300**

Ø16x1,3 Profile

Profilé Ø16x1,3



**4437**

Ø16 Profile finish

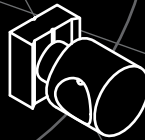
Embout de profilé Ø16



**4343**

Connector between ready column 4620  
and profile Ø16

Jonction entre le poteau  
4620 et le profilé Ø16





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation



# F50 Horizon



Available Finish  
Finition Disponible

Delicate, ethereal and subtle.  
Relax at the magnificent view of the horizon. Let your imagination free and unobstructed.  
Discret, subtil, fin. Laissez-vous à la vue captivante de l'horizon.  
Laissez libre cours à votre imagination.

## 4168

Glass support 8-10mm  
Fixation de vitrage 8-10mm



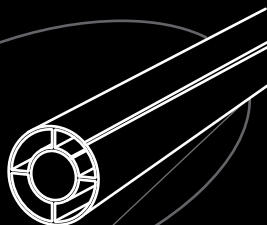
## 4314

Railtop support with column (straight)  
Support de main courante - poteau  
(droit)



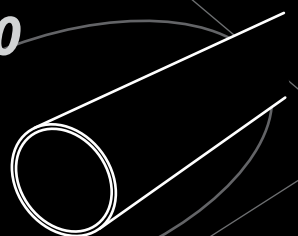
## F50-100

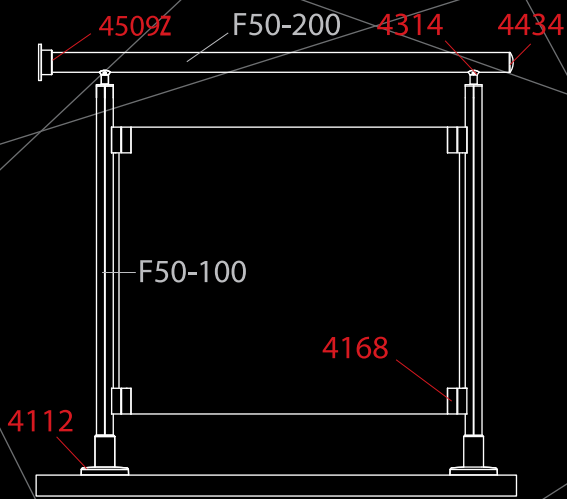
Ø42 Support column  
Poteau de support Ø42



## F50-200

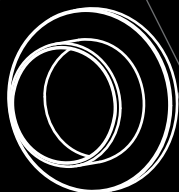
Ø50 Railtop  
Main courante Ø50





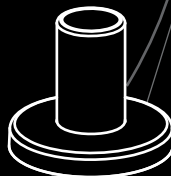
## 4509Z

Wall cover for rail top Ø50 with cover  
Couvre joint de la main courante  
Ø50 avec bouchon



## 4112

External support foot  
for F50-100 column  
Pied de support extérieur pour  
poteau F50-100





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation



# F50 Horizon X-Rail



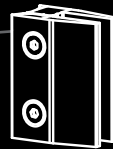
Available Finish  
Finition Disponible

Classy luxury. Beautifully crafted rosace mounting, targeting towards the horizon.  
A real ornament.

Luxe noble. Fixation artistique dirigée vers l'horizon.  
Un vrai ornement.

## 4168

Glass support 8-10mm  
Fixation de vitrage 8-10mm



## 4314

Railtop support with column (straight)  
Support de main courante - poteau  
(droit)



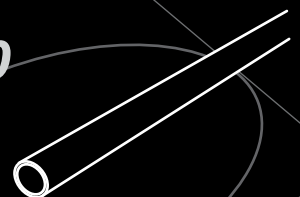
## 4323

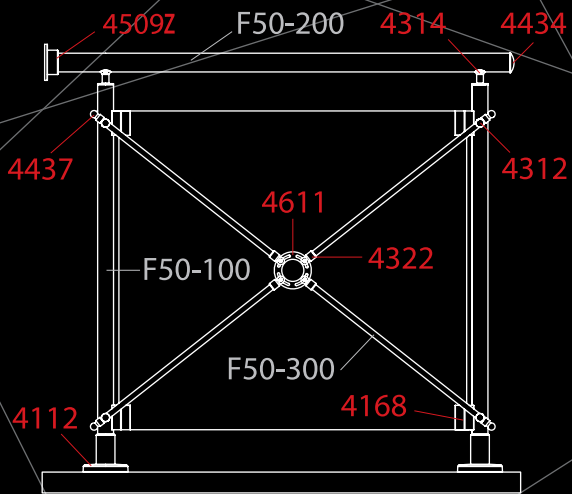
Adjustable corner horizontal connector-  
profilé Ø16 & column F50-100  
Jonction réglable - profilé Ø16 - poteau  
F50-100 (sécurité du vitrage)



## F50-300

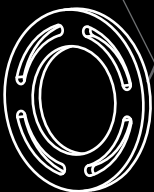
Ø16x1,3 Profile  
Profilé Ø16x1,3





## 4611

Ø100 Glass rosette  
Rosace Ø100 de verre



## 4322

Glass rosette connector  
with Ø16 profile  
Jonction de rosace de verre avec  
profilé Ø16





models  
modèles



applications



profiles  
profilés



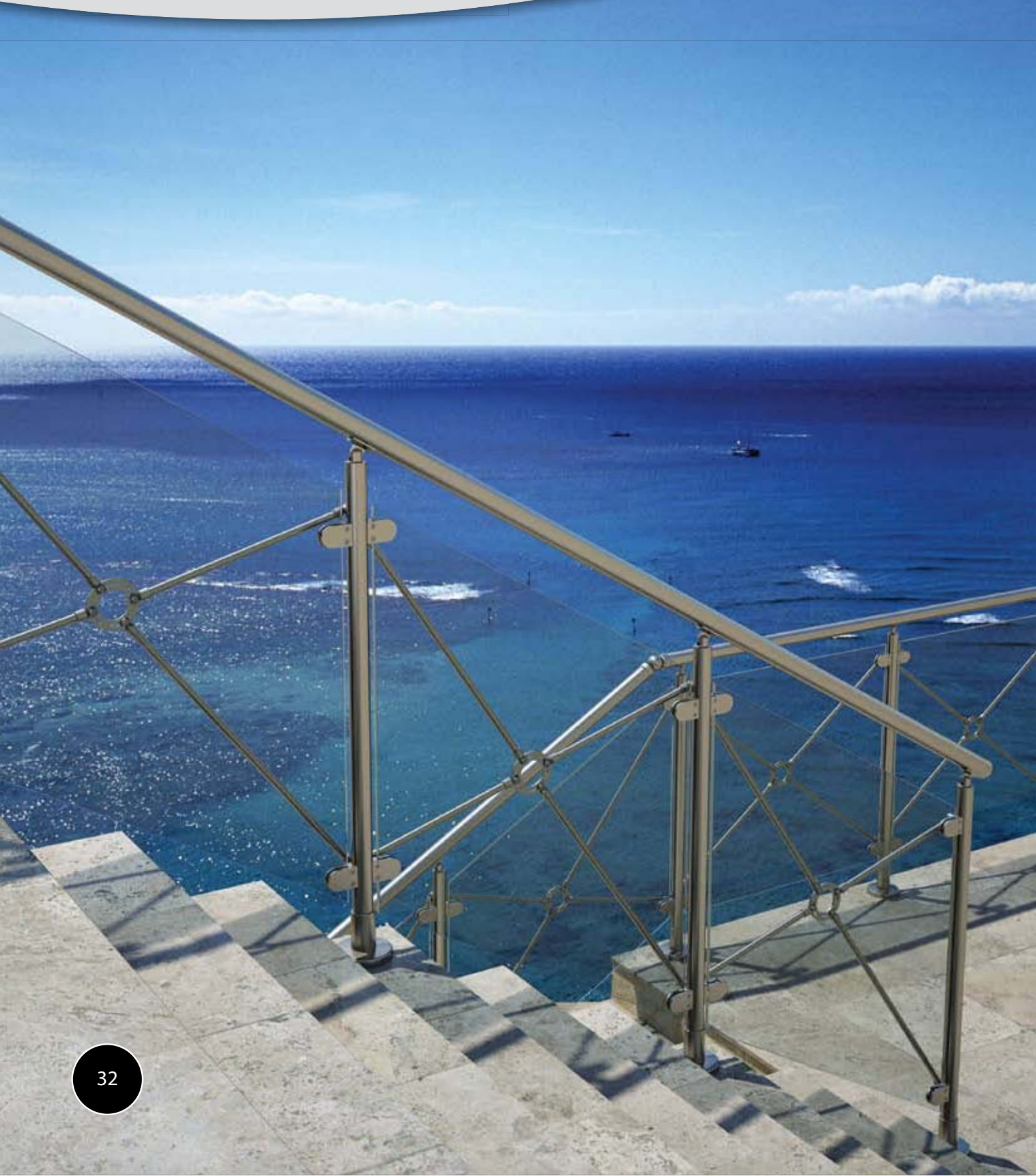
accessories  
accessoires



installation regulations  
règles d'installation

# F50 Horizon

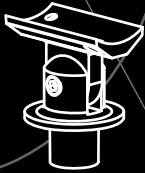
X-Rail





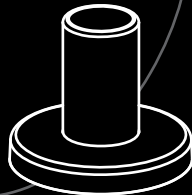
## 4316

Railtop Ø50 support  
for F50-100 column (stairs)  
Support de main courante Ø50  
poteau F50-100 (escaliers)



## 4112

External support foot  
for F50-100 column  
Pied de support extérieur pour  
colonne F50-100



## 4312

Column F50-100 connector  
with Ø16 profile  
Jonction de poteau F50-100  
avec profilé Ø16



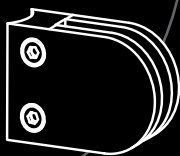
## F50-100

Ø42 Support column  
Poteau de support Ø42



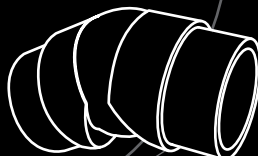
## 4173

Glass support 8-10mm  
Fixation de vitrage 8-10mm



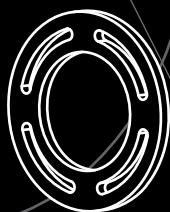
## 4329

Adjustable corner Ø50  
railtop connector  
Jonction d'angle réglable de  
main courante Ø50



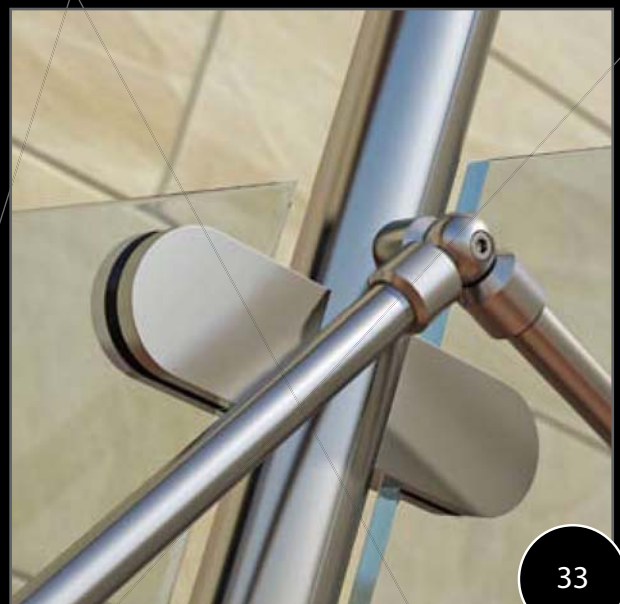
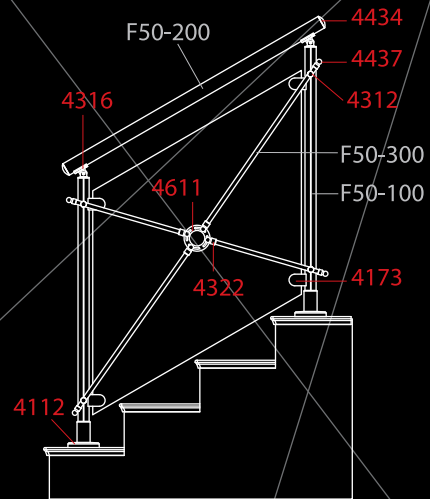
## 4611

Ø100 Glass rosette  
Rosace Ø100 de verre



## 4167

In floor support  
for column  
F50-100 & F50-101  
Support sous-sol pour  
poteaux F50-100  
& F50-101





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation



# F50 Horizon Quattro



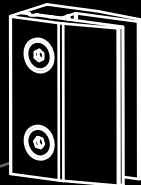
Available Finish  
Finition Disponible

A different version of the main design, with square profiles.  
Limitless view and modern design.

Altération du modèle principale, avec des profils carrés. Vue  
illimitée et design contemporain.

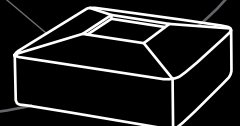
## 4193

Glass clamp 8-10 mm for  
column F50-102  
Support de vitrage 8-10mm  
pour poteau F50-102



## 4122

Support foot for F50-102 column  
Pied de support extérieur pour  
poteau F50-102



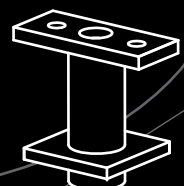
## 4332

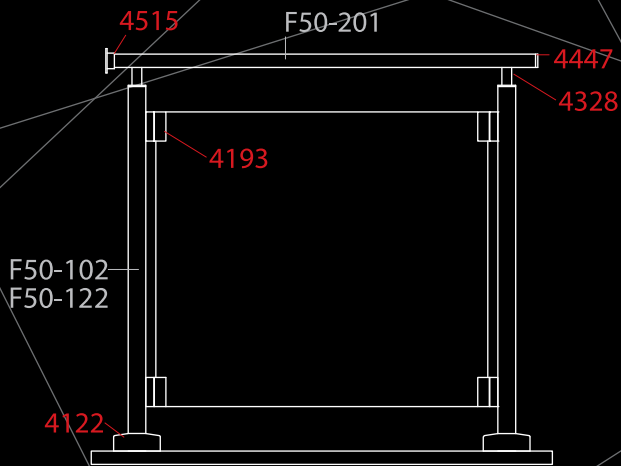
F50-201 adjustable corner  
horizontal connector  
Cornière réglable  
du F50-201  
Jonction horizontale



## 4328

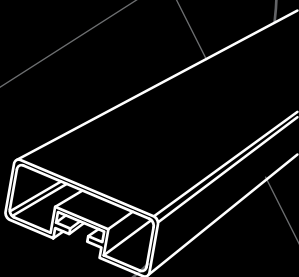
F50-102 connector  
with F50-201  
Jonction du F50-102  
avec le F50-201





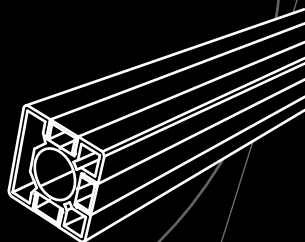
## F50-201

30x80 Railtop  
Main courante 30x80



## F50-102

Support column 40x40  
Poteau de support 40x40





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

# F50 Horizon

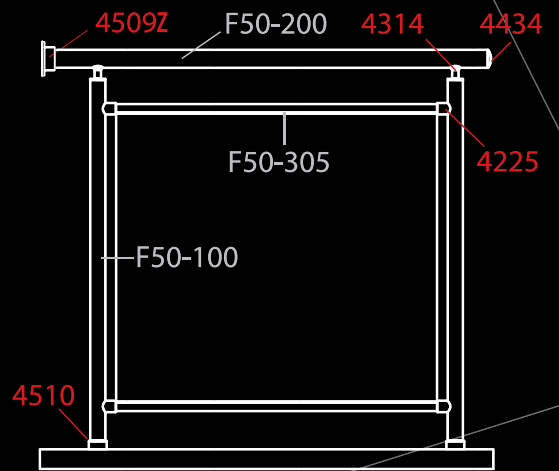
## U-Rail

Absolute symmetry. Fine line harmony creates a wonderful frame for your own balcony view.

Symétrie absolue. L'harmonie des lignes simples crée un cadre étonnant pour la vue unique de votre véranda.



Available Finish  
Finition Disponible



## 4225

F50-100 Column connector  
with Ø26 profile  
(internal support)  
Jonction de poteau F50-100 avec  
profilé Ø26 d'appui  
intérieur F50-100



## F50-305

Rail for glass  
Guide du vitrage



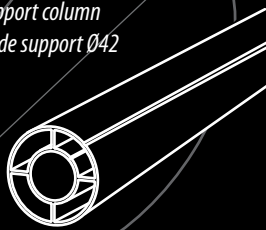
## 4314

Railtop support with column (straight)  
Support de main courante - poteau  
(droit)



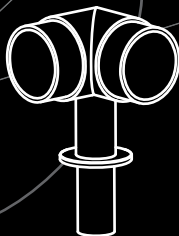
## F50-100

Ø42 Support column  
Poteau de support Ø42



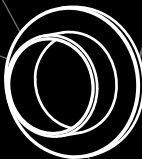
## 4231

Ø50 Railtop corner  
connector 90°  
for column F50-100  
Cornière coudée 90°  
de main courante Ø50  
poteau F50-100



## 4509Z

Wall cover for rail top  
Ø50 with cover  
Couvre joint de la  
main courante  
Ø50 avec  
bouchon





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

# F50 Horizon

## U-Rail



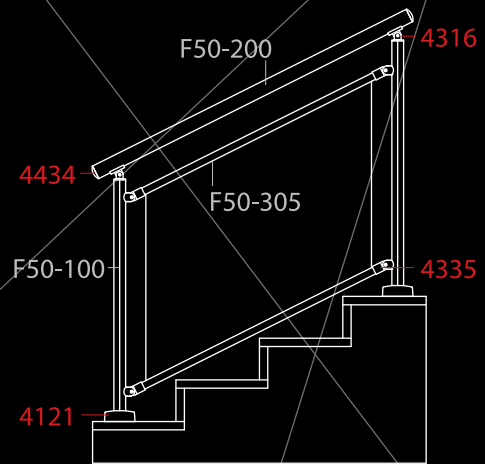
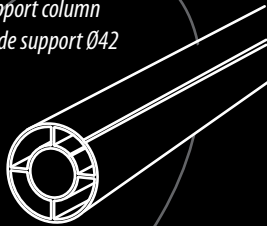
## F50-305

Rail for glass  
Guide du vitrage



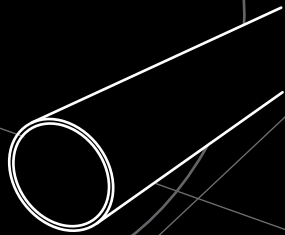
## F50-100

Ø42 Support column  
Poteau de support Ø42



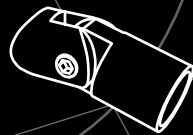
## F50-200

Ø50 Railtop  
Main courante Ø50



## 4335

Junction between column  
F50-100 and profile Ø26  
Jonction entre le poteau  
F50-100 et le profilé Ø26



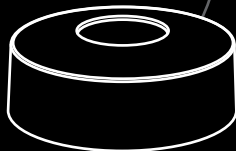
## 4316

Railtop Ø50 support  
for F50-100 column (stairs)  
Support de main courante Ø50  
pour poteau F50-100 (escaliers)



## 4121

Support foot for F50-100 column  
Pied de support extérieur pour  
poteau F50-100



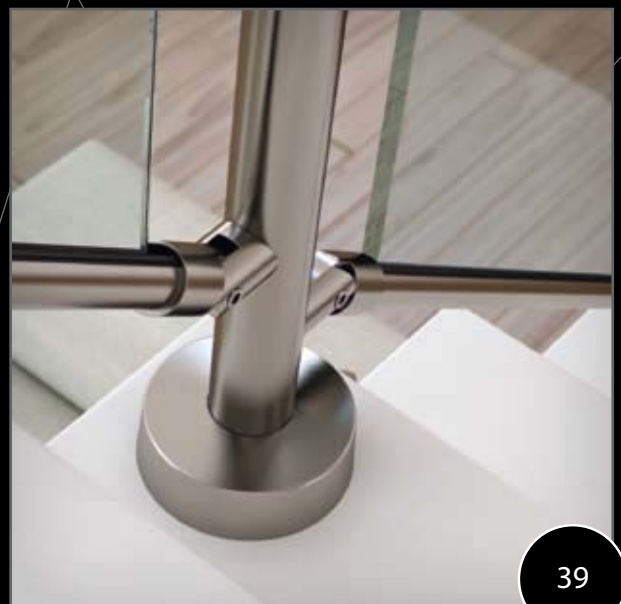
## 4225

F50-100 Column connector  
with Ø26 profile  
(internal support)  
Jonction de poteau F50-100  
avec profilé Ø26 d'appui  
intérieur F50-100



## 4434

F50-200 Railtop cover  
Bouchon de main courante F50-200





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation



# F50 Horizon H-Rings



INOX

Available Finish  
Finition Disponible

Hanging transparencies and concentric rings, offer an aesthesis of absolute symmetry.  
This is Horizon H-rings technology.

Les verres suspendus et les disques concentriques offrent la symétrie absolue.  
C'est la technologie Horizon H-rings.

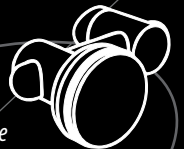
## 4179

F50-200 Railtop support  
for F50-101 column  
Support de main courante F50-200  
poteau F50-101



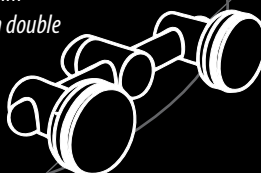
## 4181

Single glass support 8-10mm  
Fixation de vitrage 8-10mm simple



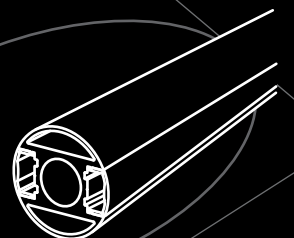
## 4182

Double glass support 8-10mm  
Fixation de vitrage 8-10mm double

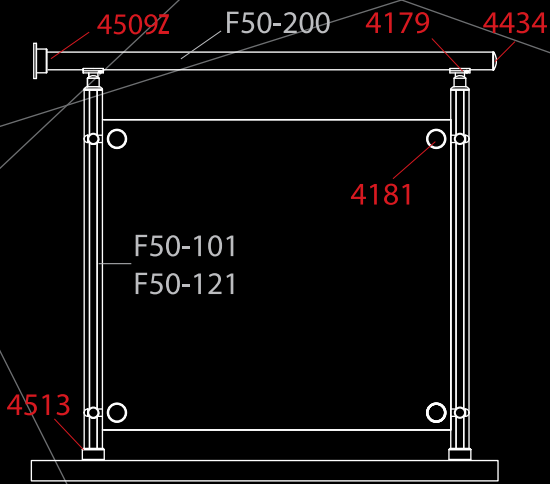


## F50-101

Ø50 Support column  
Poteau de support Ø50

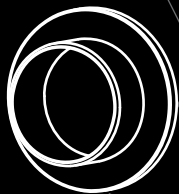






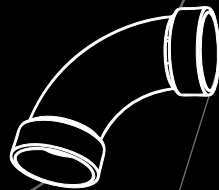
## 4509Z

Wall cover for rail top Ø50 with cover  
Couvre joint de la main courante  
Ø50 avec bouchon



## 4219

Ø50 Railtop corner  
connector 90°  
Jonction coudée 90° de main  
courante Ø50





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

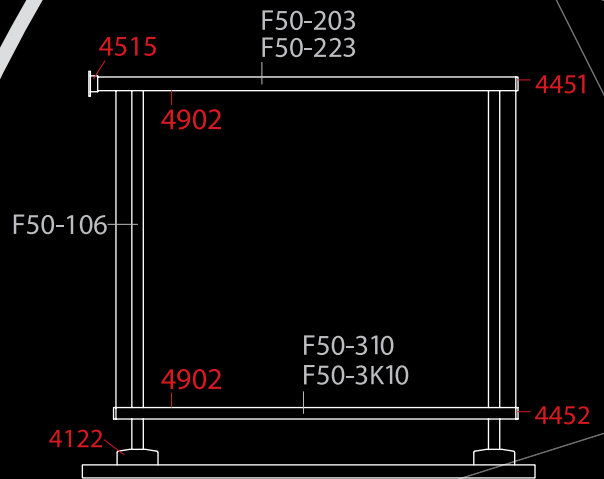
# F50 Horizon Frame

Limitless view and modern design in absolute accordance.

Une vue illimitée et un design modern en harmonie absolue.

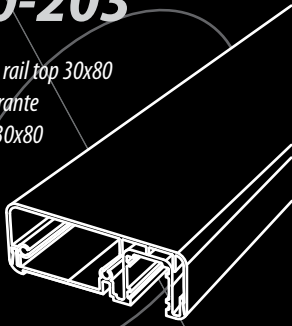


Available Finish  
Finition Disponible



## F50-203

Dividable rail top 30x80  
Main courante  
divisible 30x80



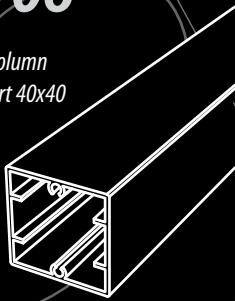
## 4452

End cap for guide F50-310  
Bouchon du guide F50-310



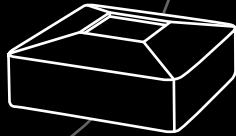
## F50-106

40x40 Support column  
Poteau de support 40x40



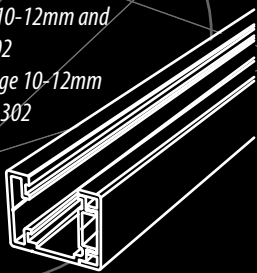
## 4122

Support foot for F50-102 column  
Pied de support extérieur pour  
poteau F50-102



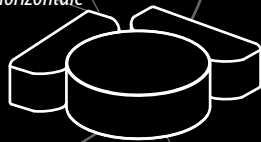
## F50-310

Rail for glass 10-12mm and  
profile F50-302  
Guide de vitrage 10-12mm  
et profilé F50-302



## 4332

F50-201 adjustable corner  
horizontal connector  
Cornière réglable du F50-201  
jonction horizontale





models  
modèles



applications



profiles  
profilés



accessories  
accessoires



installation regulations  
règles d'installation

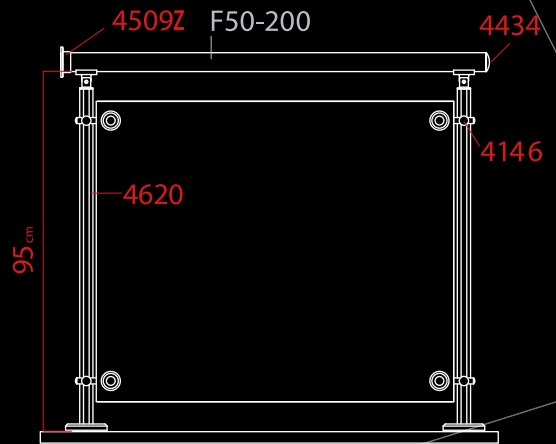
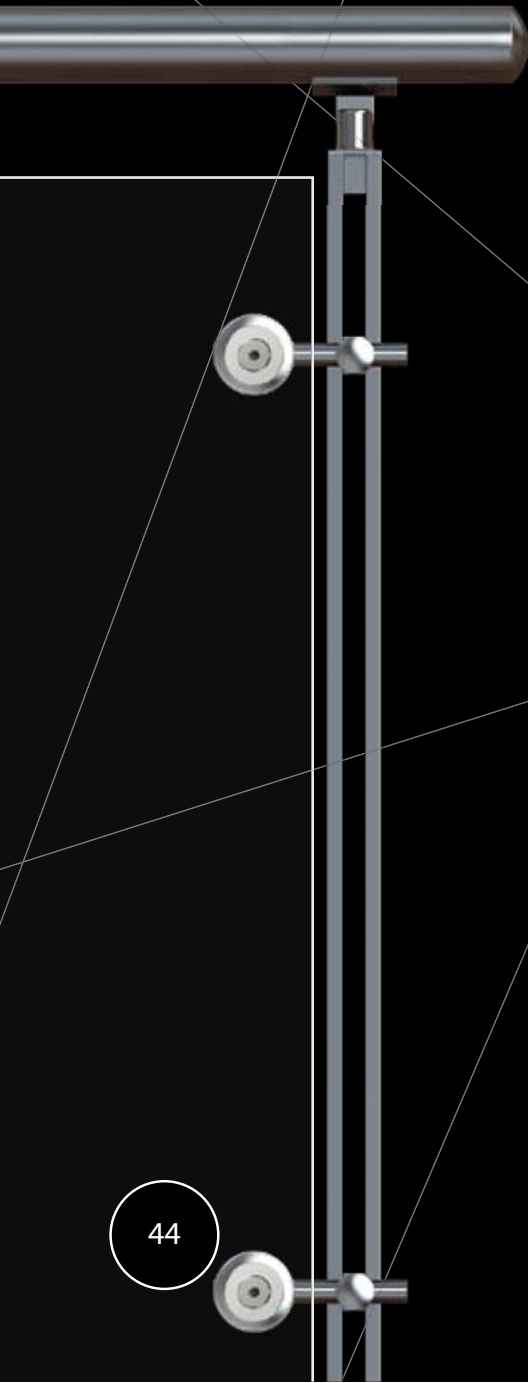
# F50 Horizon BLADE

Combination of specially designed double column with glass supports for a delicate result.  
Combinaison de poteau double avec fixation de vitrage pour un resultat esthetique lumineux



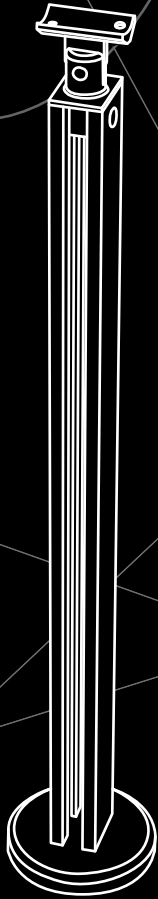
INOX

Available Finish  
Finition Disponible



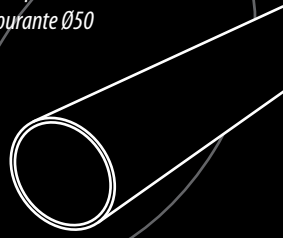
# 4620

Ready-made column  
Poteau prêt à la pose  
4620-100 column/poteau 100cm  
4620-095 column/poteau 95cm  
4620-050 column/poteau 50cm



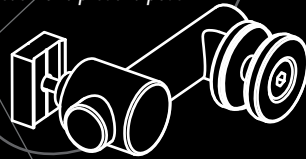
# F50-200

Ø50 Railtop  
Main courante Ø50



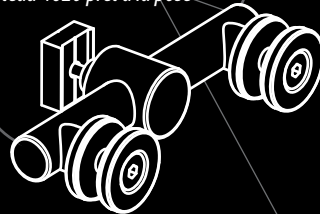
# 4146

Single glass support 8-10mm for  
ready-made column 4620  
Fixation simple de vitrage 8-10mm  
pour poteau 4620 prêt à la pose



# 4147

Double glass support 8-10mm for  
ready-made column  
Fixation double de vitrage 8-10mm  
pour poteau 4620 prêt à la pose



# F50 Vertical

Where the modern meets the classic.  
Simply enjoy the dynamic combination!

Là où le moderne rencontre le classique.  
Laissez-vous simplement à sa combinaison dynamique!



Available Finish  
Finition Disponible

## 4312

Column F50-100 connector  
with Ø16 profile  
Jonction de poteau F50-100 avec  
profilé Ø16



## F50-300

Ø16x1,3 Profile  
Profilé Ø16x1,3





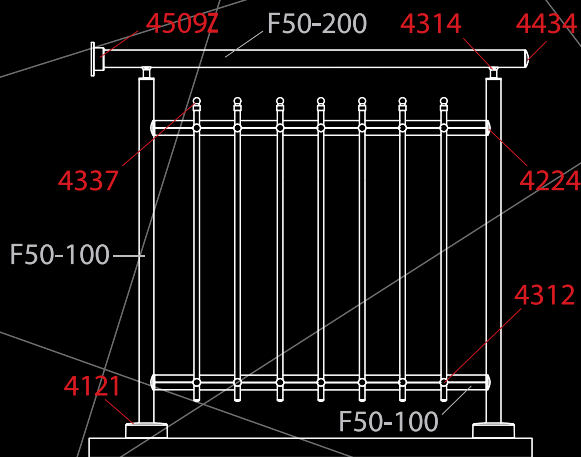
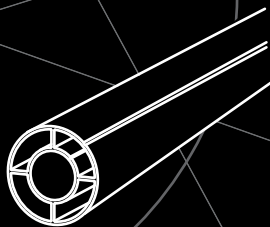
# 4224

F50-100 Column connector  
 (vertical connection)  
 jonction des poteaux F50-100  
 (connexion verticale) F50-100



# F50-100

Ø42 Support column  
 Poteau de support Ø42



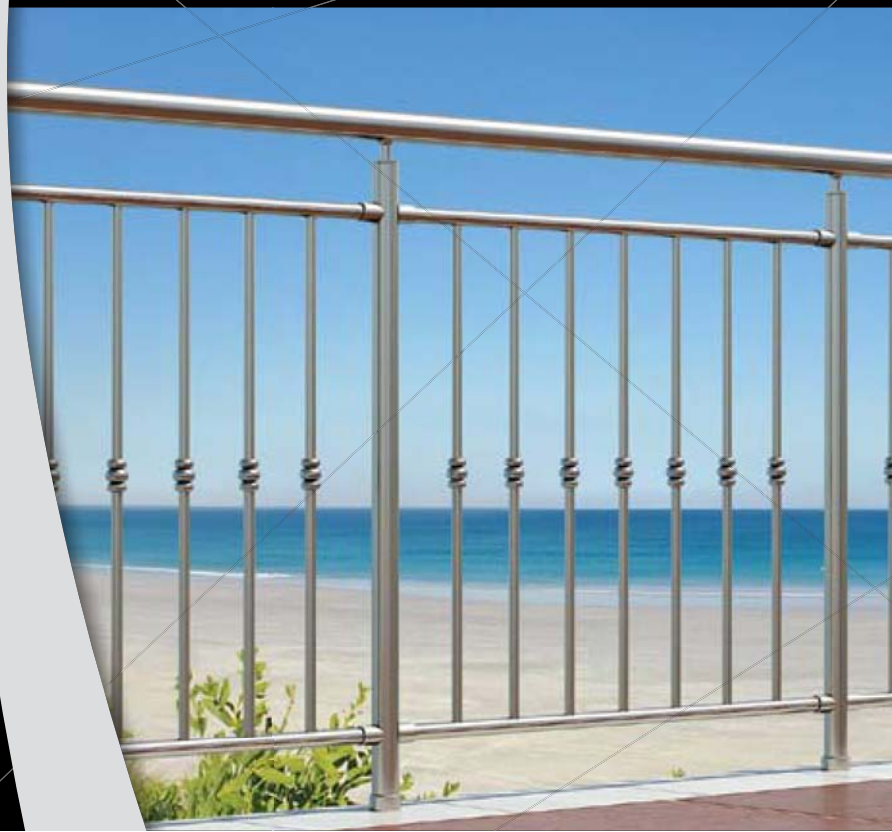
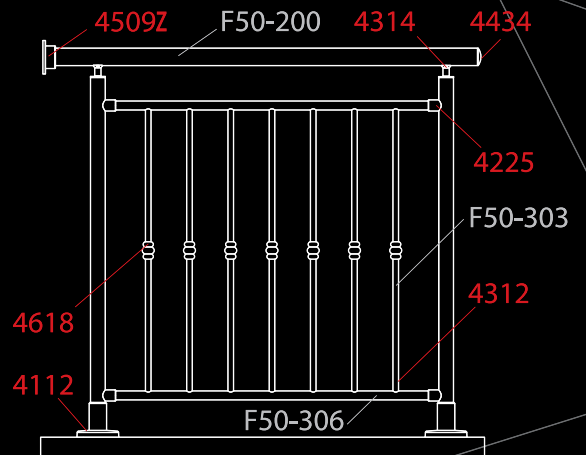
# F50 Vertical-R

One more alternative solution for the lovers of classic designs.  
Delicate luxury in fine lines.

Encore une proposition alternative pour les amants du classique.  
Luxe discret en lignes simples.



Available Finish  
Finition Disponible





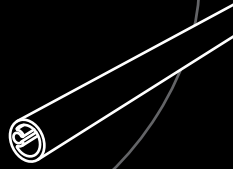
## 4314

Railtop support with column (straight)  
Support de main courante - poteau  
(droit)



## F50-303

Ø16 Profile "C" shape rod  
Profilé Ø16 avec lamelle pour vis de  
serrage Ø16



## 4225

F50-100 Column  
connector with Ø26 profile  
(internal support)  
Jonction de poteau  
F50-100 avec profilé Ø26  
(appui intérieur)



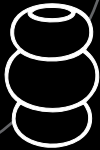
## F50-306

Perforated Ø26 guide for  
F50-303 profile  
Guidé perforé Ø26 pour  
profilé F50-303



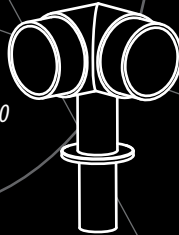
## 4618

Ø16 Rosace Profile  
Rosace pour profilé Ø16



## 4231

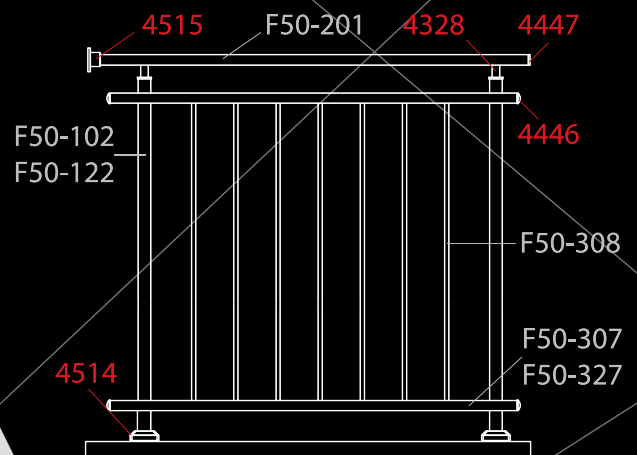
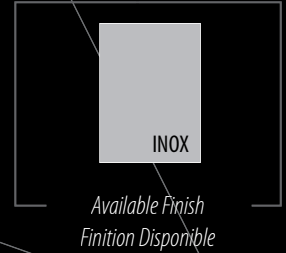
Ø50 Railtop  
corner connector 90°  
for column F50-100  
Cornière coudée 90°  
de main courante  
Ø50 - poteau F50-100



# F50 Vertical-D

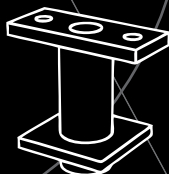
Here's how beautiful and smart traditional railing solutions can satisfy today's needs.

C'est de cette manière jolie et intelligente que les solutions des garde corps traditionnels peuvent servir les besoins d'aujourd'hui.



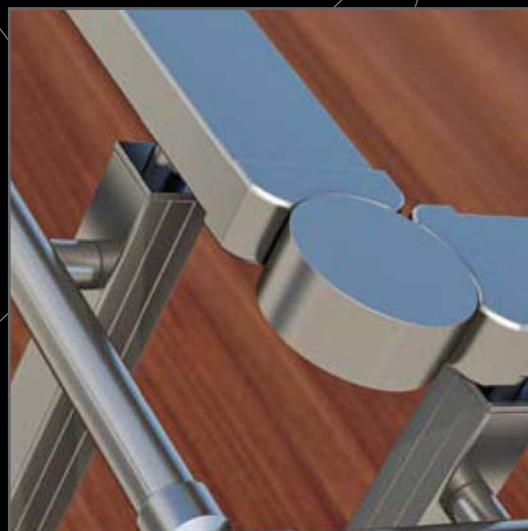
**4328**

F50-102 connector with F50-201  
Jonction du F50-102  
avec le F50-201



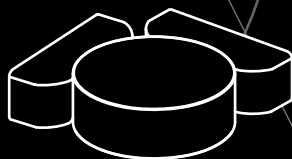
**4240**

F50-307 connector with F50-102  
Jonction du F50-307  
avec le F50-102



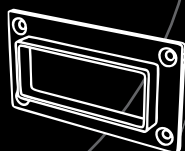
**4332**

F50-201 adjustable corner  
horizontal connector  
Cornière réglable du F50-201  
jonction horizontale



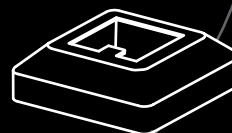
**4515**

F50-201 railtop cover  
Bouchon de main courante F50-201



**4514**

F50-102 column cover  
Bouchon de poteau F50-102



**4447**

F50-201 railtop cover  
Bouchon de main courante F50-201



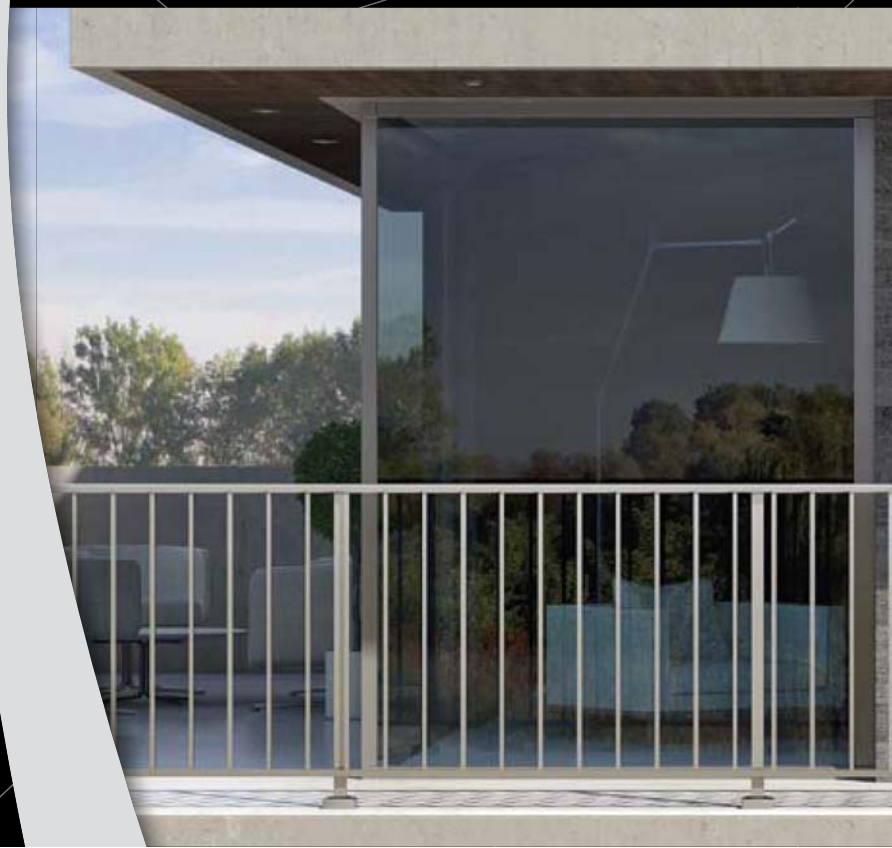
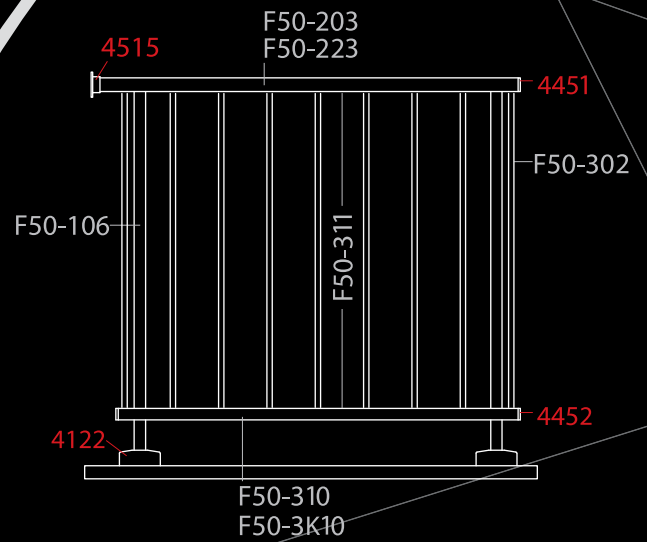
# F50 Vertical-Q

Smart match of traditional and modern.  
A classic railing in simple lines.

Un raccord intelligent entre la tradition et le modernisme.  
Un garde corps classique avec des lignes simples.

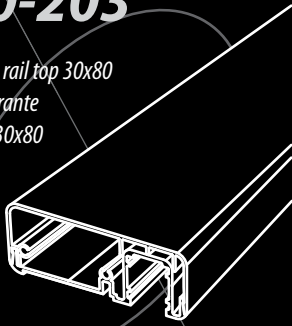


Available Finish  
Finition Disponible



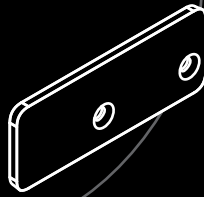
## F50-203

Dividable rail top 30x80  
Main courante  
divisible 30x80



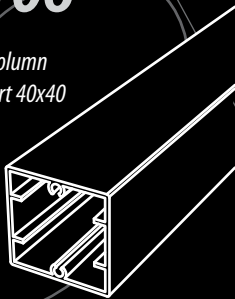
## 4451

F50-203 railtop cover  
Bouchon de main courante F50-203



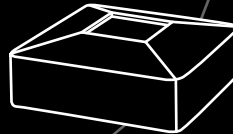
## F50-106

40x40 Support column  
Poteau de support 40x40



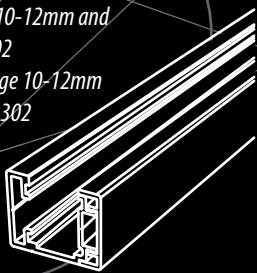
## 4122

Support foot for F50-102 column  
Pied de support extérieur pour  
poteau F50-102



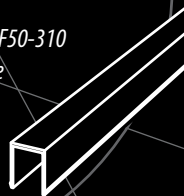
## F50-310

Rail for glass 10-12mm and  
profile F50-302  
Guide de vitrage 10-12mm  
et profile F50-302



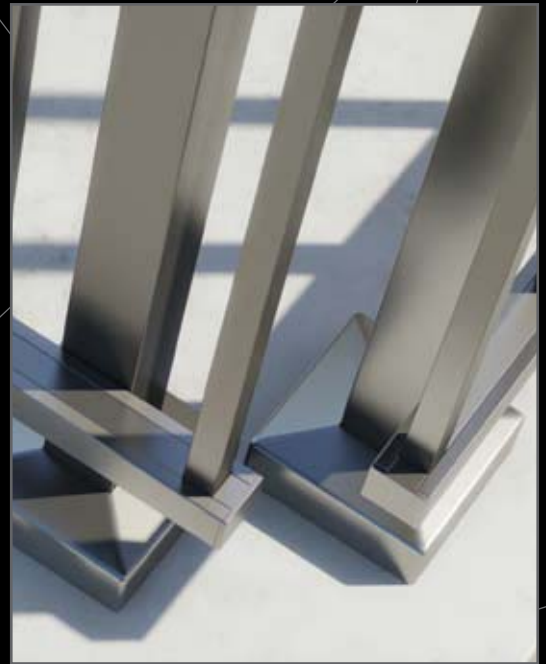
## F50-311

Cover for rail F50-310 and rail top  
F50-203  
Bouchon du rail F50-310  
et main courante  
F50-203



## 4332

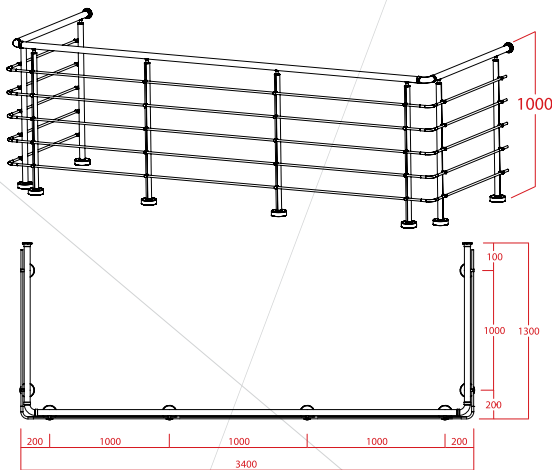
F50-201 adjustable corner  
horizontal connector  
Cornière réglable du F50-201  
jonction horizontale



# F50 Accord

Balcony with 5 horizontal Ø16 profiles / Balcon avec 5 profilés horizontaux

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

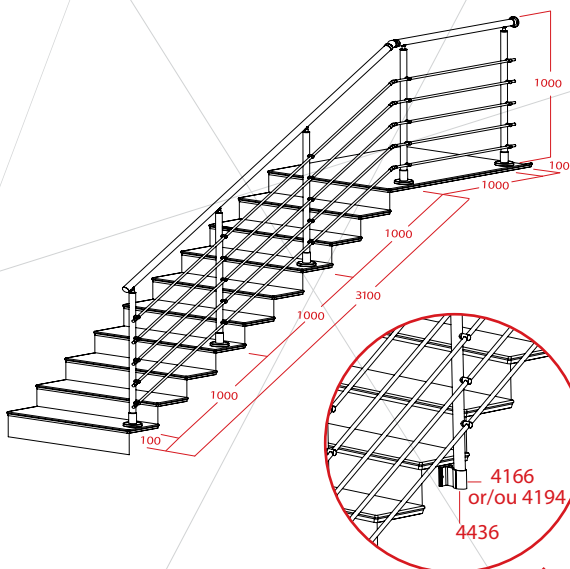
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	6,00 m
F50-100 column/colonne Ø42	8,00 m
F50-300 profile/profilé Ø16x1,3	30,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	8 pcs.
4314 railtop support/support de main courante	8 pcs.
4312 profile support/support de profilé Ø16	40 pcs.
4228 90° profile connector/jonction 90° de profilé Ø16	10 pcs.
4219 90° railtop connector/joint coudé 90° de main courante	2 pcs.
4438 profile cover/bouchon de profilé Ø16	10 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Accord

Stair with 5 horizontal Ø16 profile / Rampe d'escalier avec 5 profilés horizontaux Ø16

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
F50-100 column/colonne Ø42	5,00 m
F50-300 profile/profilé Ø16x1,3	21,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	5 pcs.
4316 railtop support/support de main courante	3 pcs.
4314 railtop support/support de main courante	2 pcs.
4312 profile support/support de profilé Ø16	25 pcs.
4302 adjustable corner connector Ø16 corniere réglable de la jonction Ø16	5 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4437 profile finish/embout de profilé Ø16	5 pcs.
4438 profile cover/bouchon de profilé Ø16	5 pcs.
4434 railtop cover/bouchon de main courante Ø50	1 pcs.
4509Z railtop cover/bouchon de main courante	1 pcs.

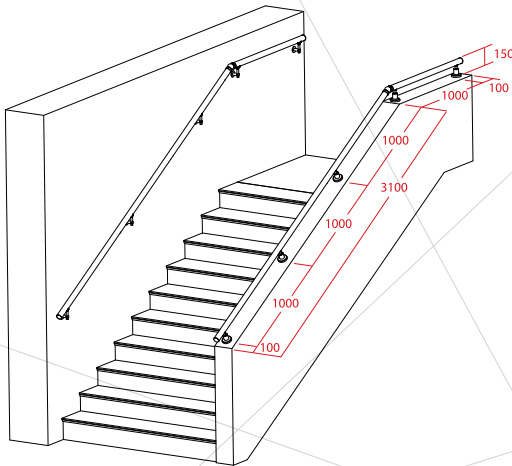
Total dimension of construction 4,2m / Dimension totale de construction 4,2m

\*Alternative external support  
\*Option: Pose en applique

# F50 Accord

Stair with parapet / Rampe d'escalier sur muret

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

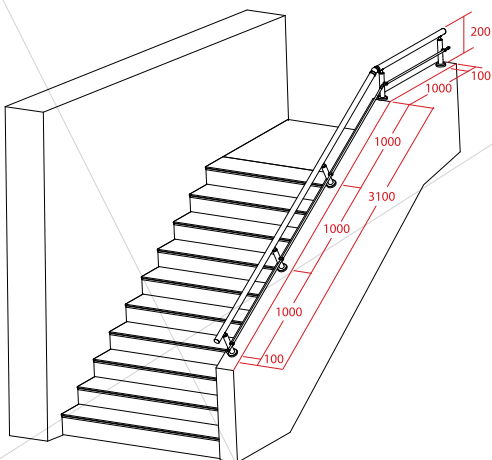
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	8,40 m
Accessories / Accessoires	Quantity / Quantité
4316 railtop support/support de main courante	5 pcs.
4165 wall railtop support/support mural de main courante	5 pcs.
4434 railtop cover/bouchon de main courante Ø50	4 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	2 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

# F50 Accord

Stair with parapet / Rampe d'escalier sur muret

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

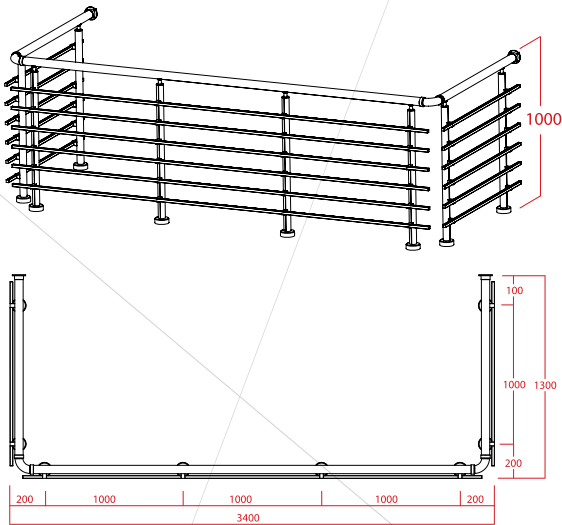
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
F50-100 column/colonne Ø42	1,00 m
F50-300 profile/profilé Ø16x1,3	4,20 m
Accessories / Accessoires	Quantity / Quantité
4115 support foot/pied de support	5 pcs.
4314 railtop support/support de main courante	5 pcs.
4312 profile support/support de profilé Ø16	5 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4302 adjustable corner connector Ø16 jonction réglable Ø16	1 pcs.
4434 railtop cover/bouchon de main courante Ø50	2 pcs.
4437 profile finish/ finition de profilé Ø16	2 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

# F50 Accord QUATTRO

Balcony with 6 horizontal 16x16 profiles / Balcon avec 6 profilés horizontaux 16x16

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

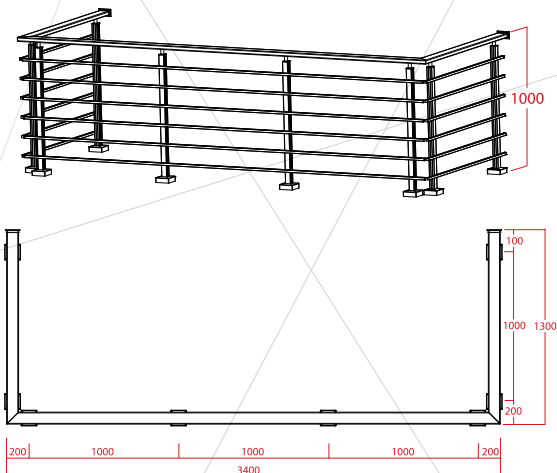
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	6,00 m
F50-100 column/colonne Ø42	8,00 m
F50-302 profile/profilé 16x16	36,00 m
Accessories / Accessoires	Quantity / Quantité
4121 support foot/pied de support	8 pcs.
4314 railtop support/support de main courante	8 pcs.
4232 column connector with profile 16x16 jonction de poteau avec profilé 16x16	48 pcs.
4219 90° railtop connector joint coudé 90° de main courante	2 pcs.
4444 profile cover/bouchon de profilé 16x16	36 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Accord SQUARE

Balcony with 6 horizontal 16x16x2 profiles / Balcon avec 6 profilés horizontaux 16x16x2

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

Profile / Profilé	Dimensions
F50-201 railtop/main courante 30x80	6,00 m
F50-102 column/colonne 40x40	8,00 m
F50-122 column cover/bouchon de poteau	24,00 m
F50-302 profile/profilé 16x16x2	36,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4328 connector/jonction F50-102-F50-201	8 pcs.
4250 90° railtop connector joint coudé 90° de main courante	2 pcs.
4444 profile cover/bouchon de profilé 16x16	36 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.

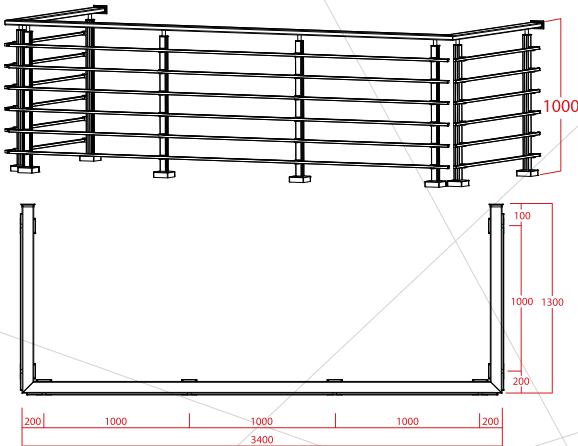
Total dimension of construction 6m / Dimension totale de construction 6m



# F50 Accord X SQUARE

Balcony with 6 horizontal K16x16x2 profiles / Balcon avec 6 profilés horizontaux K16x16x2

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

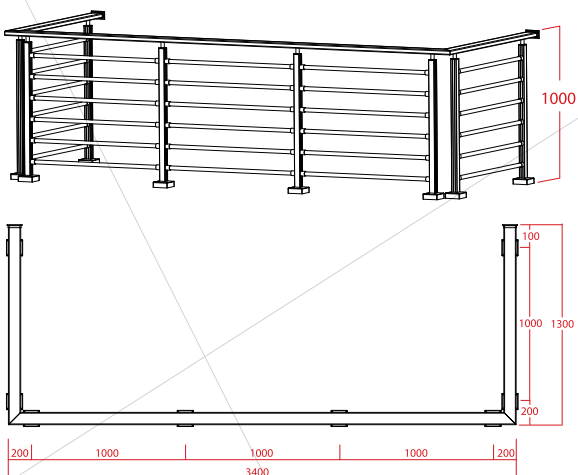
Profile / Profilé	Dimensions
F50-201 railtop/main courante 30x80	6,00 m
F50-102 column/colonne 40x40	8,00 m
F50-122 column cover/bouchon de poteau	24,00 m
F50-302 profile/profilé K16x16x2	36,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4328 connector/jonction F50-102-F50-201	8 pcs.
4245 column connector with profile 16x16 jonction de poteau avec profilé 16x16	48 pcs.
4250 connector/jonction 90° F50-201	2 pcs.
4444 profile cover/bouchon de profilé 16x16	36 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Accord TUBULAR

Balcony with 6 horizontal Ø26 profiles / Balcon avec 6 profilés horizontaux Ø26

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

Profile / Profilé	Dimensions
F50-201 railtop/main courante 30x80	6,00 m
F50-102 column/colonne 40x40	8,00 m
F50-122 column cover/bouchon de poteau	24,00 m
F50-304 profile/profilé Ø26	36,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4328 connector/jonction F50-102-F50-201	8 pcs.
4250 connector/jonction 90° F50-201	2 pcs.
4244 column connector with profile Ø26 jonction de poteau avec profilé Ø26	60 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m



models  
modèles



applications



profiles  
profilés



accessories  
accessoires



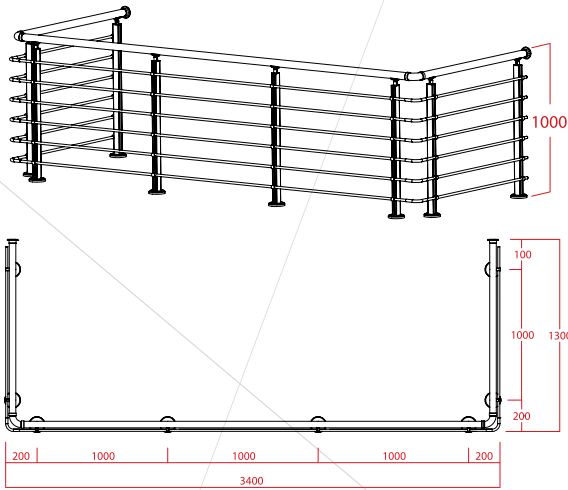
installation regulations  
règles d'installation

# F50 Accord

## BLADE

Balcony with readymade column and 6 horizontal profiles Ø16  
balcon avec poteau et 6 profilés horizontaux Ø16

### Constructions dimensions / Dimensions de la construction



### Calculations of accessories / Calcul des matériaux

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	6,00 m
F50-300 profile/profilé Ø16x1,3	36,00 m
Accessories / Accessoires	Quantity / Quantité
4620-095 readymade column 95cm poteau prêt à la pose 95cm	8 pcs.
4343 joint of readymade column jonction du poteau prêt à la pose	48 pcs.
4228 90° profile connector/jonction 90° de profilé Ø16	12 pcs.
4219 90° railtop connector joint coudé 90° de main courante	2 pcs.
4438 profile cover/bouchon de profilé Ø16	12 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

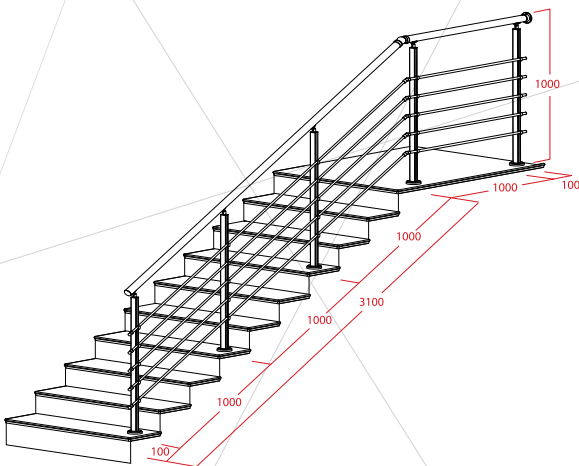
Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Accord

## BLADE

Stair with 5 horizontal Ø16 profile / Rampe d'escalier avec 5 profilés horizontaux Ø16

### Constructions dimensions / Dimensions de la construction



### Calculations of accessories / Calcul des matériaux

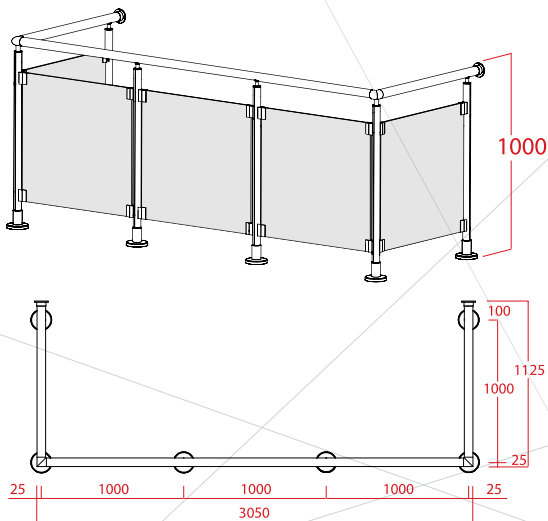
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
F50-300 profile/profilé Ø16x1,3	21,00 m
Accessories / Accessoires	Quantity / Quantité
4620-095 readymade column 95cm poteau prêt à la pose 95cm	5 pcs.
4343 joint of readymade column jonction du poteau prêt à la pose	25 pcs.
4302 adjustable corner connector Ø16 corniere réglable de la jonction Ø16	5 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4437 profile finish/embout de profilé Ø16	5 pcs.
4438 profile cover/bouchon de profilé Ø16	5 pcs.
4434 railtop cover/bouchon de main courante Ø50	1 pcs.
4509Z railtop cover/bouchon de main courante	1 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

# F50 Horizon

Balcony with glass / Balcon avec verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	6,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	6 pcs.
4314 railtop support/support de main courante Ø50	4 pcs.
4231 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4168 glass support/fixation de vitrage	20 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

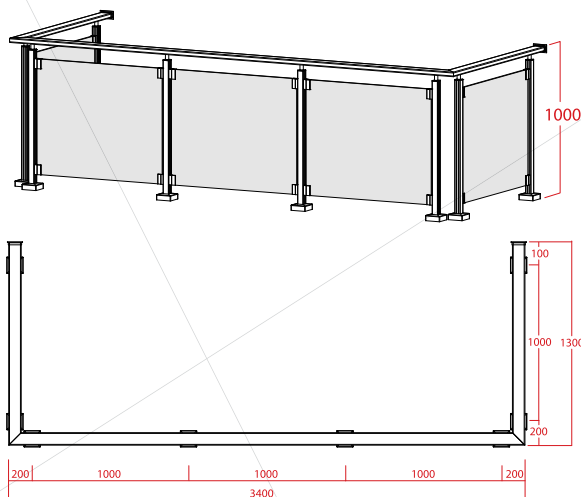
Total dimension of construction 5,3m / Dimension totale de construction 5,3m

# F50 Horizon

Quattro

Balcony with glass / Balcon avec verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-201 railtop/main courante 30x80	6,00 m
F50-102 column/colonne 40x40	8,00 m
F50-122 column cover/bouchon de poteau	24,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	8 pcs.
4328 connector/jonction F50-102-F50-201	8 pcs.
4250 connector/jonction 90° F50-201	2 pcs.
4193 glass support/fixation de vitrage 8-10mm	20 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.

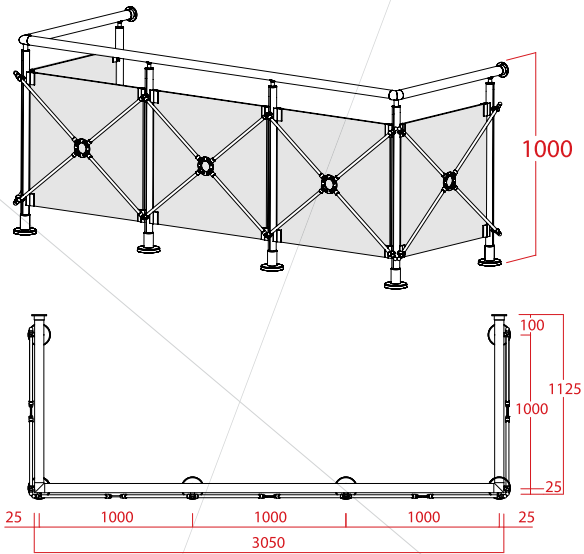
Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Horizon

## X-Rail

Balcony with rosette & glass / Balcon avec rosace & verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	6,00 m
F50-300 profile/profilé Ø16x1,3	10,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	6 pcs.
4314 railtop support/support de main courante Ø50	4 pcs.
4231 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4168 glass support/fixation de vitrage	20 pcs.
4323 profile connector/jonction de profilé Ø16	4 pcs.
4322 rosette connector/jonction de rosace	20 pcs.
4611 rosette/rosace	5 pcs.
4312 column connector/jonction de poteau Ø16	12 pcs.
4437 profile finish/ finition de profilé Ø16	12 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

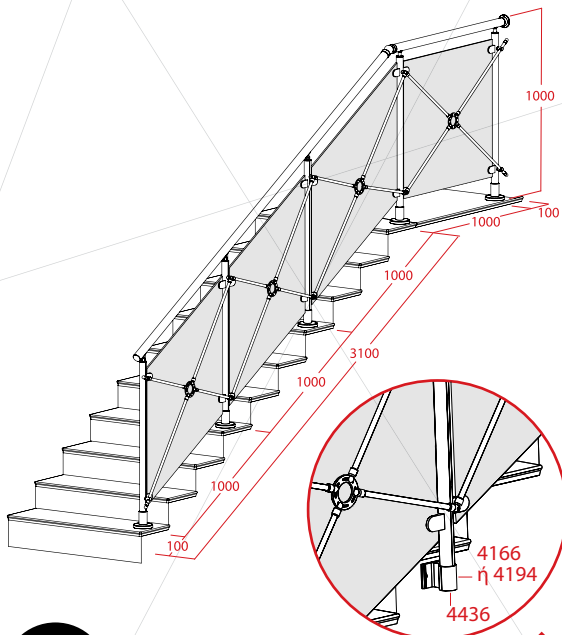
Total dimension of construction 5,3m / Dimension totale de construction 5,3m

# F50 Horizon

## X-Rail

Stairs with rosette and glass / Escaliers avec rosace & verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
F50-100 column/colonne Ø42	5,00 m
F50-300 profile/profilé Ø16x1,3	8,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	5 pcs.
4316 railtop support/support de main courante	3 pcs.
4314 railtop support/support de main courante	2 pcs.
4434 railtop cover/bouchon de main courante Ø50	1 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4509Z railtop cover/bouchon de main courante	1 pcs.
4312 profile support/support de profilé Ø16	4 pcs.
4323 profile connector/jonction de profilé Ø16	6 pcs.
4173 glass support/fixation de vitrage	16 pcs.
4611 rosette/rosace	4 pcs.
4322 rosette connector/jonction de rosace	16 pcs.
4437 profile finish/ finition de profilé Ø16	4 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

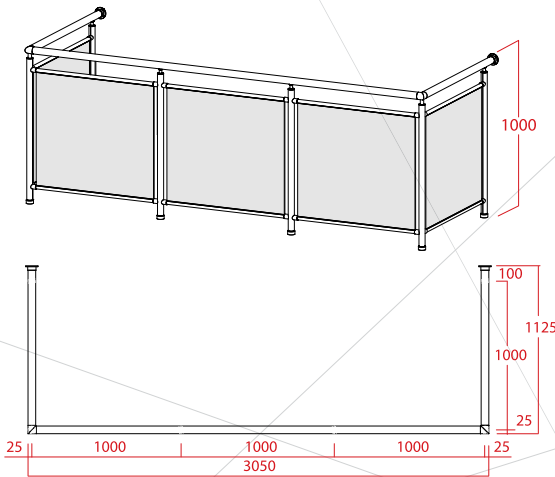
\*Alternative external support  
\*Option: pose en applique

# F50 Horizon

## U-Rail

Balcony with glass / Balcon avec verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	6,00 m
F50-305 profile/profilé Ø26	10,00 m
Accessories / Accessoires	Quantity / Quantité
4167 column support/support de poteau	6 pcs.
4510 column cover/bouchon de poteau	6 pcs.
4314 railtop support/support de main courante Ø50	4 pcs.
4225 column connector/jonction de poteau	20 pcs.
4231 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

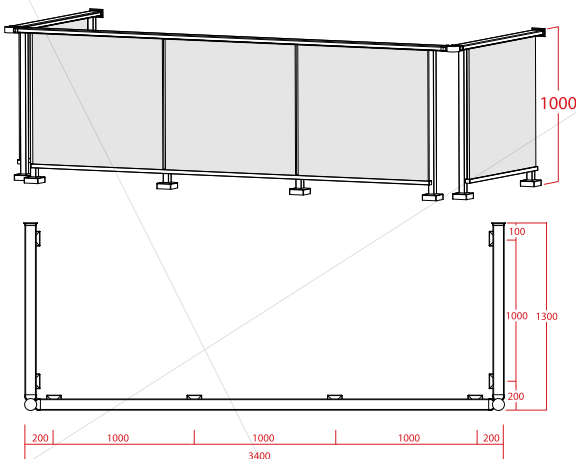
Total dimension of construction 5,3m / Dimension totale de construction 5,3m

# F50 Horizon

## Frame

Balcony with glass / Balcon avec verre

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-203 dividable railtop 30x80 main courante divisible 30x80	6,00 m
F50-223 cover for dividable railtop couverture de main courante divisible	6,00 m
F50-106 column/colonne 40x40	8,00 m
F50-310 rail for glass/rail pour verre 10-12mm	6,00 m
F50-3K10 rail cover/bouchon de rail	6,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4332 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.
4452 rail cover/bouchon de rail	6 pcs.
4902 joint for rail / joint du rail	12 m

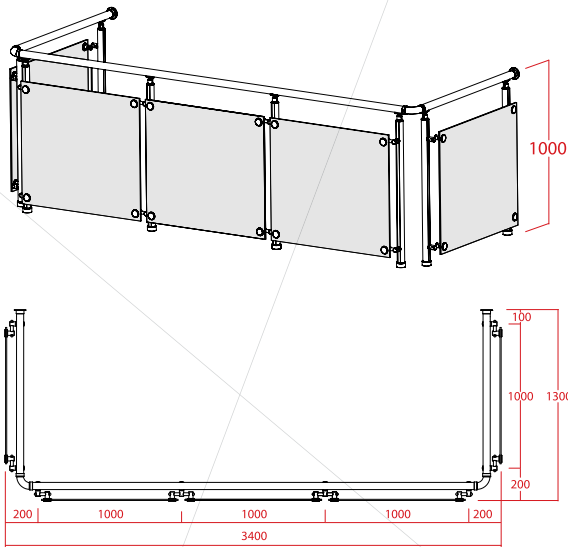
Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Horizon

## H-Rings

Balcony with hanging glass / Balcon avec vitrage suspendu

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	6,00 m
F50-101 profile/profilé	8,00 m
F50-121 profile/profilé	16,00 m

Accessories / Accessoires	Quantity / Quantité
4167 in floor support/sous-sol support	8 pcs.
4513 column cover/bouchon de poteau	8 pcs.
4181 single glass support/fixation de vitrage simple	12 pcs.
4182 double glass support/fixation de vitrage double	4 pcs.
4179 railtop support/support de main courante	8 pcs.
4219 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

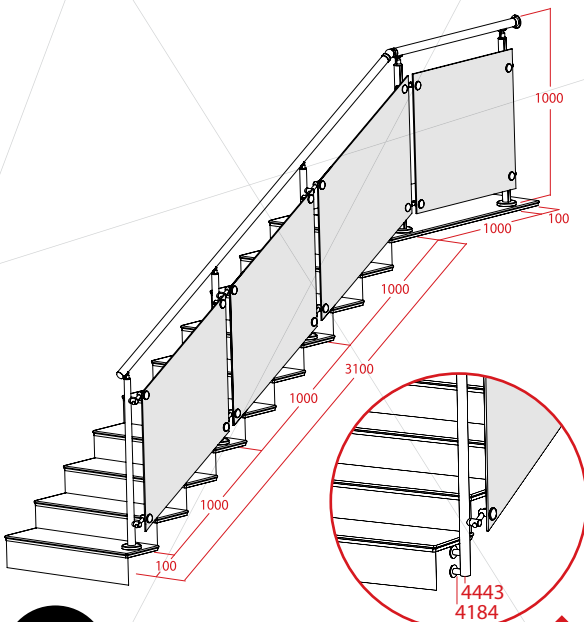
Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Horizon

## H-Rings

Stairs with hanging glass / Escaliers avec vitrage suspendu

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
F50-101 profile/profilé	5,00 m
F50-121 profile/profilé	10,00 m

Accessories / Accessoires	Quantity / Quantité
4119 support foot/pied de support	5 pcs.
4179 railtop support/support de main courante	5 pcs.
4434 railtop cover/bouchon de main courante Ø50	1 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4509 railtop cover/bouchon de main courante	1 pcs.
4181 single glass support/fixation de vitrage simple	4 pcs.
4182 double glass support/fixation de vitrage double	6 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

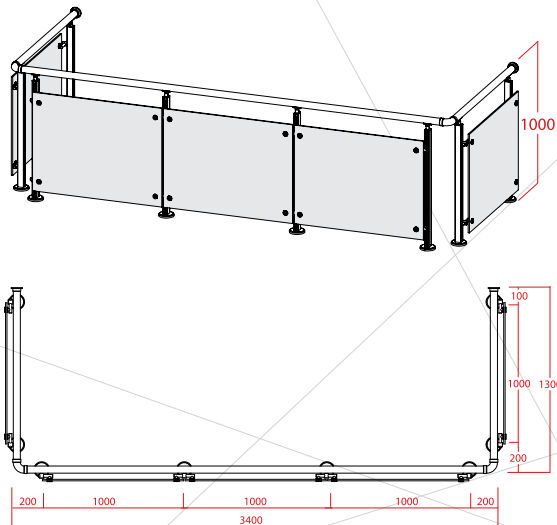
\*Alternative external support  
\*Option: pose en applique

# F50 Horizon

BLADE

Application of balcony with glass / Balcon avec vitrage suspendu

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	6,00 m
Accessories / Accessoires	Quantity / Quantité
4620-095 readymade column 95cm poteau prêt à la pose 95cm	8 pcs.
4146 single glass support 8-10mm for column 4620 fixation simple de vitrage 8-10mm pour poteau 4620	12 pcs.
4147 double glass support 8-10mm for column 4620 fixation double de vitrage 8-10mm pour poteau 4620	4 pcs.
4219 90° railtop connector joint coudé 90° de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

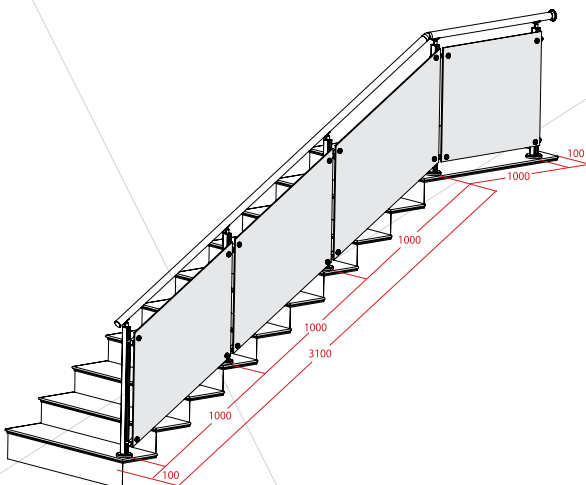
Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Horizon

BLADE

Stairs with hanging glass / Escaliers avec vitrage suspendu

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux  
(glass is not included / verre non-inclu)

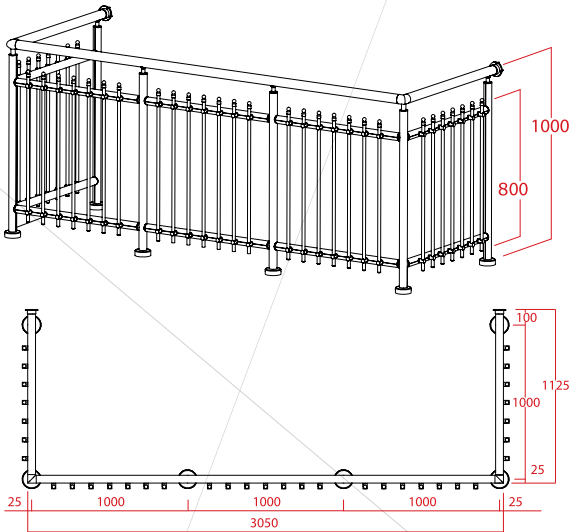
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	4,20 m
Accessories / Accessoires	Quantity / Quantité
4620-095 readymade column 95cm poteau prêt à la pose 95cm	5 pcs.
4146 single glass support 8-10mm for column 4620 fixation simple de vitrage 8-10mm pour poteau 4620	4 pcs.
4147 double glass support 8-10mm for column 4620 fixation double de vitrage 8-10mm pour poteau 4620	6 pcs.
4434 railtop cover/bouchon de main courante Ø50	1 pcs.
4329 adjustable corner railtop connector jonction réglable de main courante	1 pcs.
4509 railtop cover/bouchon de main courante	1 pcs.

Total dimension of construction 4,2m / Dimension totale de construction 4,2m

# F50 Vertical

Balcony with 7 vertical Ø16 profiles / Balcon avec 7 profilés verticaux Ø16

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

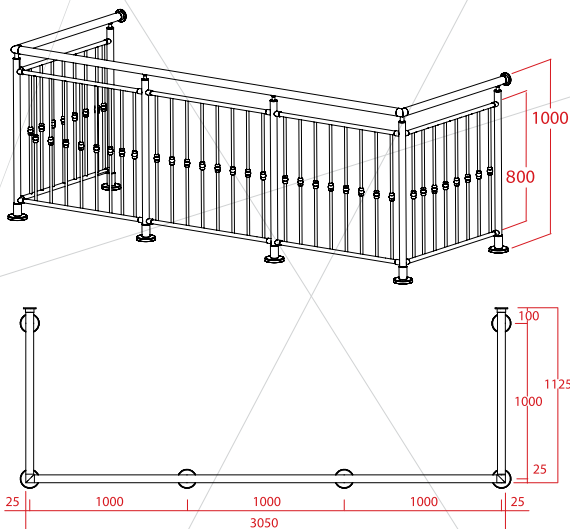
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	16,00 m
F50-300 profile/profilé Ø16x1,3	28,00 m
Accessories / Accessoires	Quantity / Quantité
4121 support foot/pied de support	6 pcs.
4224 column connector/jonction de poteau	20 pcs.
4312 column and profile connector support de poteau avec profilé	70 pcs.
4437 profile finish/ finition de profilé	35 pcs.
4438 profile cover/bouchon de profilé Ø16	35 pcs.
4314 railtop support/support de main courante	4 pcs.
4231 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 5,3m / Dimension totale de construction 5,3m

# F50 Vertical-R

Balcony with 8 profiles & rossete / Balcon avec 8 profilés verticaux & rosace\*

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	6,00 m
F50-306 perforated guide/guide perforé Ø26	10,00 m
F50-303 profile/profilé Ø16	32,00 m
Accessories / Accessoires	Quantity / Quantité
4112 support foot/pied de support	6 pcs.
4314 railtop support/support de main courante	4 pcs.
4231 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4225 column connector/jonction de poteau	20 pcs.
4618 rossete for profile/rosace pour profilé Ø16	40 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

Total dimension of construction 5,3m / Dimension totale de construction 5,3m

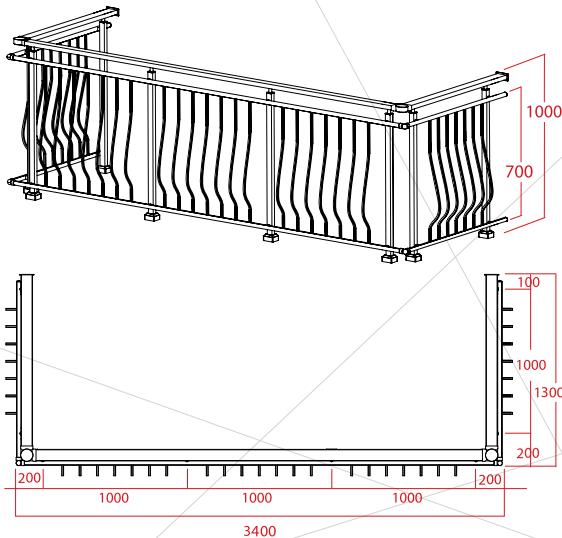
\*standard 8 pcs/lm  
\*8 pcs/ml sont standard



# F50 Vertical-D

Balcony with 7 vertical profiles 12x12 / Balcon avec 7 profilés verticaux 12x12

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

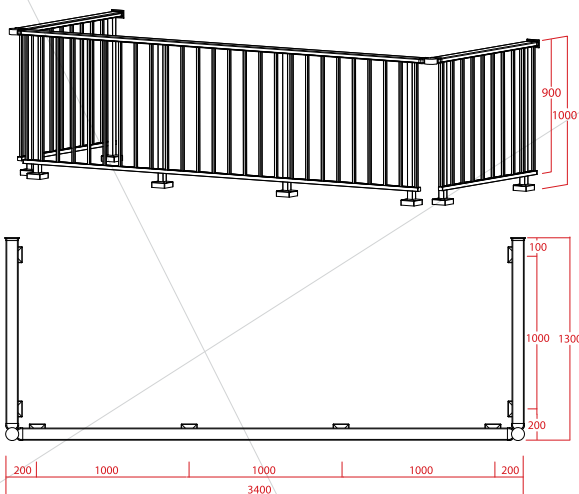
Profile / Profilé	Dimensions
F50-201 railtop/main courante 80x30	6,00 m
F50-102 column/colonne 40x40	8,00 m
F50-122 column cover/bouchon de poteau	24,00 m
F50-307 rail/traverse Ø30	12,00 m
F50-327 rail cover/bouchon de rail	24,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4240 rail support/support de rail Ø30	16 pcs.
4328 railtop support/support de main courante	8 pcs.
4332 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4333 90° rail connector Ø30/jonction 90° de rail Ø30	4 pcs.
4446 rail cover/bouchon de rail Ø30	4 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.
4670 curved profile/profilé cintré	35 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m

# F50 Vertical-Q

Balcony with 8 vertical profiles K16x16x2 / Balcon avec 8 profilés verticaux K16x16x2

Constructions dimensions / Dimensions de la construction



Calculations of accessories / Calcul des matériaux

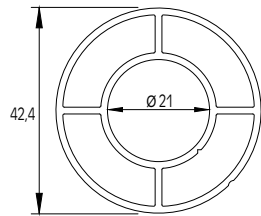
Profile / Profilé	Dimensions
F50-203 dividable railtop 30x80 main courante divisible 30x80	6,00 m
F50-223 cover for dividable railtop couvre-cle de main courante divisible	6,00 m
F50-106 column/colonne 40x40	8,00 m
F50-310 rail for/rail pour K16x16x2	6,00 m
F50-3K10 rail cover/bouchon de rail	6,00 m
F50-302 profile/profilé K16x16x2 (46pcs.x0,9m)	41,40 m
F50-311 cover for railtop rail couvre-cle du rail de la main courante	12,00 m
Accessories / Accessoires	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4332 90° railtop connector jonction coudé 90° de main courante	2 pcs.
4515 railtop cover/bouchon de main courante	2 pcs.
4452 rail cover/bouchon de rail	6 pcs.

Total dimension of construction 6m / Dimension totale de construction 6m

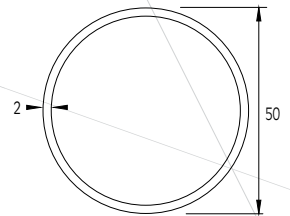


# Profiles / Profilés

**F50-100** Ø42 Support column  
Poteau de support Ø42



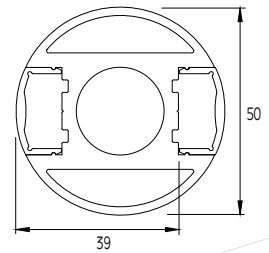
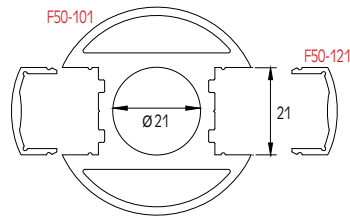
**F50-200** Ø50 Railtop  
Main courante Ø50



**F50-101** Ø50 Support column  
Poteau de support Ø50



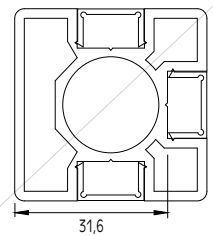
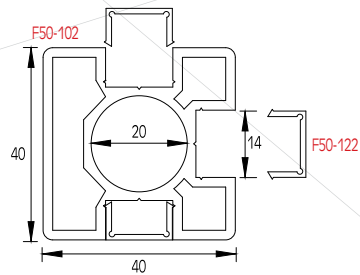
**F50-121** Column cover  
Bouchon de poteau



**F50-102** 40x40 Support column  
Poteau de support 40x40



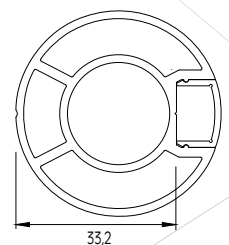
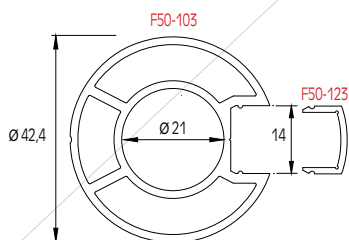
**F50-122** Column cover  
Bouchon de poteau



**F50-103** Ø42 Support column  
Poteau de support Ø42



**F50-123** Column cover  
Bouchon de poteau

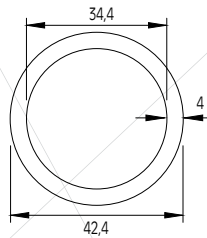




Profils / Profilés

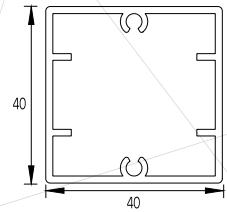
**F50-104**

Column Ø42, 4mm  
Colonne Ø42, 4mm



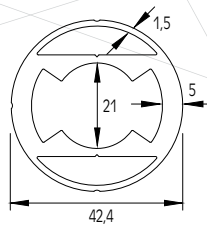
**F50-106**

40x40 Support column  
Poteau de support 40x40



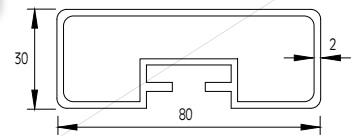
**F50-107**

Heavy-duty column Ø42  
Colonne renforcée Ø42



**F50-201**

30x80 Railtop  
Main courante 30x80

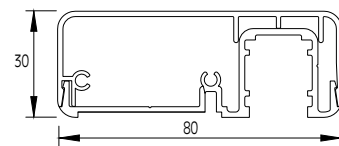
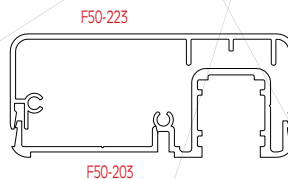


**F50-203**

Dividable railtop 30x80  
Main courante divisible 30x80

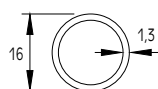
**F50-223**

Cover for dividable railtop  
Couvercle de main courante divisible



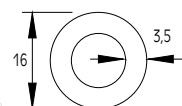
**F50-300**

Ø16x1,3 Profile  
Profilé Ø16x1,3



**F50-301**

Ø16x3,5 Profile  
Profilé Ø16x3,5





models  
modèles



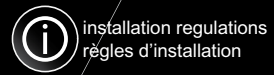
applications



profiles  
profilés



accessories  
accessoires



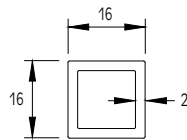
installation regulations  
règles d'installation



## Profiles / Profilés

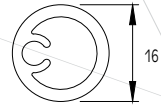
**F50-302**

K16x16x2 Profile  
Profilé K16x16x2



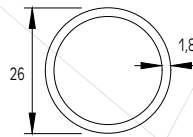
**F50-303**

Ø16 Profile "C" shape rod  
Profilé Ø16 avec lamelle pour vis de serrage



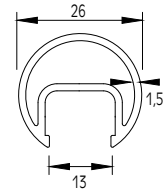
**F50-304**

Ø26 Profile  
Profilé Ø26



**F50-305**

Rail for glass  
Guide du vitrage



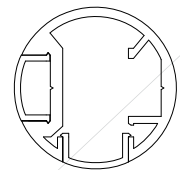
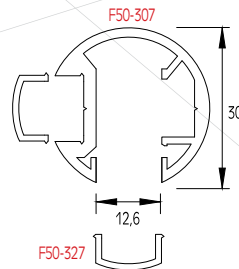
**F50-307**

Ø30 Rail  
Rail Ø30



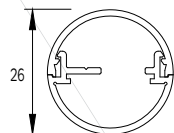
**F50-327**

Rail cover  
Bouchon de rail



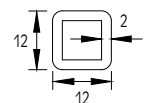
**F50-306**

Perforated Ø26 guide for F50-303 profile  
Guide perforé Ø26 pour profilé F50-303



**F50-308**

K12x12x2 Column  
Poteau K12x12x2





Profils / Profilés

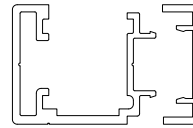
**F50-310**

Rail for glass 10-12mm and profile F50-302  
Rail pour du vitrage de  
10-12mm et profilé F50-302



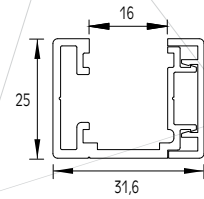
**F50-3K10**

Rail cover  
Bouchon de rail



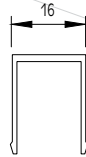
F50-310

F50-3K10



**F50-311**

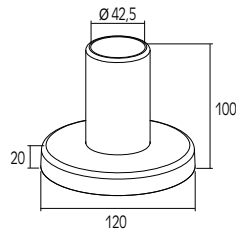
Cover for rail F50-310 and railtop F50-203  
Couvercle du rail F50-310 et main courante  
F50-203



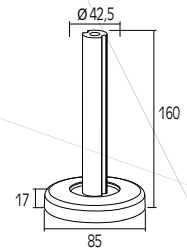


## Accessories / Accessoires

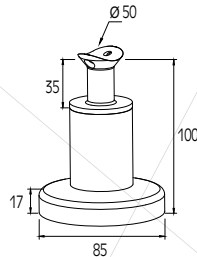
**4112** External support foot for F50-100 column  
Pied de support extérieure pour poteau F50-100



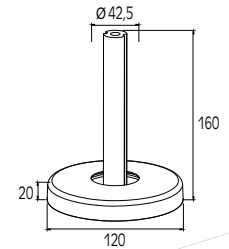
**4115** Support foot for F50-100 column  
Pied de support pour colonne F50-100



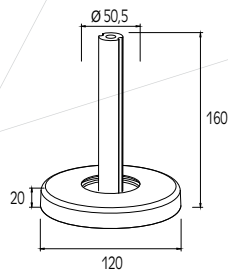
**4116** Support for F50-200 railtop  
Support de main courante F50-200



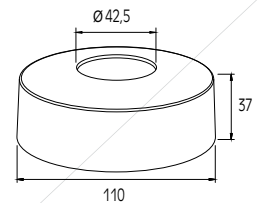
**4117** Support foot for F50-100 column  
Pied de support pour poteau F50-100



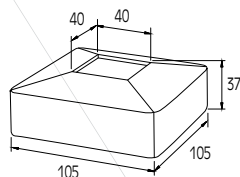
**4119** Support foot for F50-101 column  
Pied de support pour poteau F50-101



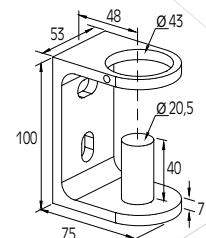
**4121** Support foot for F50-100 column  
Pied de support pour poteau F50-100



**4122** Support foot for F50-102/106 column  
Pied de support pour poteau F50-102/106



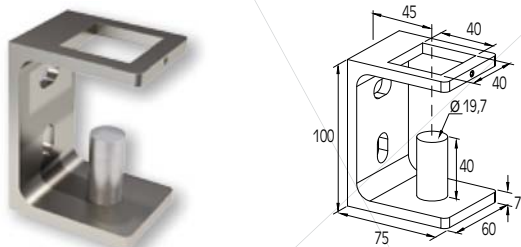
**4143** External column support F50-100, 100mm  
Support extérieur de colonne F50-100, 100mm



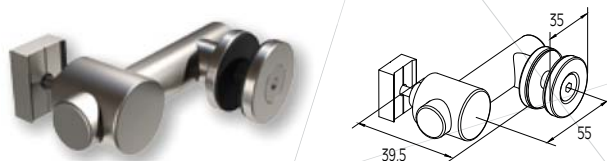


## Accessories / Accessoires

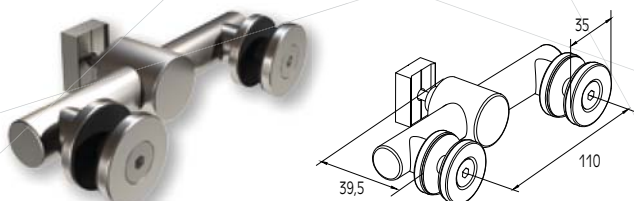
**4144** External column support F50-102, 100mm  
Support extérieur de colonne F50-102, 100mm



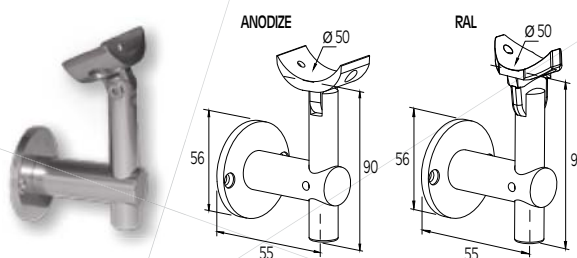
**4146** Single glass support 8-10mm, for ready-made column 4620  
Fixation simple de vitrage 8-10mm pour poteau 4620 prêt à la pose



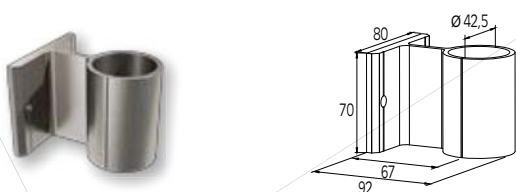
**4147** Double glass support 8-10mm, for ready-made column 4620  
Fixation double de vitrage 8-10mm pour poteau 4620 prêt à la pose



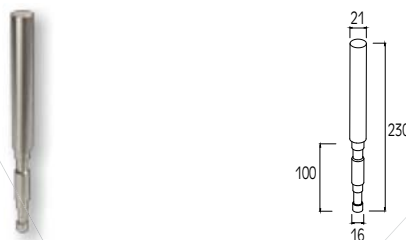
**4165** Wall support for F50-200 railtop  
Support mural de main courante F50-200



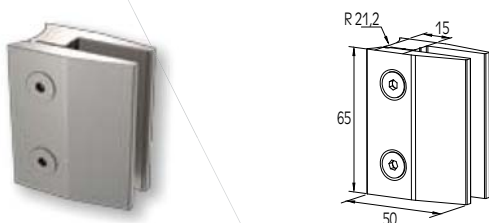
**4166** Wall support for F50-100 column  
Support mural pour poteau F50-100



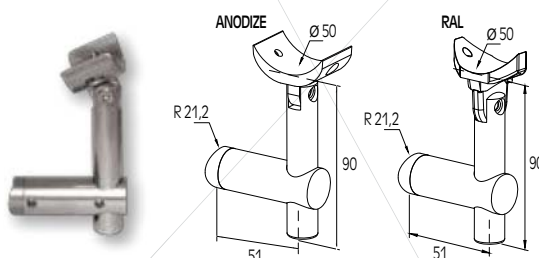
**4167** In floor support for F50-100/101 column  
Sous-sol support pour poteaux F50-100/101



**4168** Glass support 8-10mm  
Fixation de vitrage 8-10mm



**4169** Railtop & column support (external)  
Support de main courante - poteau (extérieur)

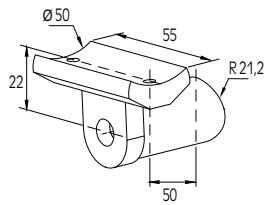




## Accessories / Accessoires

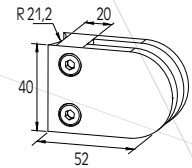
**4169B**

F50-200 Railtop support for column F50-100 (external)  
Support de main courante F50-200 poteau F50-100 (extérieur)



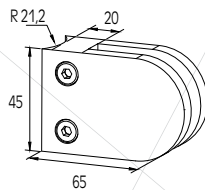
**4172**

Glass support 6-8mm  
Fixation de vitrage 6-8mm



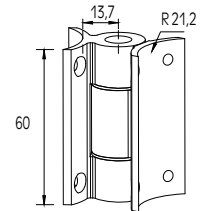
**4173**

Glass support 8-10mm  
Fixation de vitrage 8-10mm



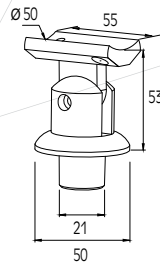
**4177**

Hinge for F50-100 column  
Charnière de poteau F50-100



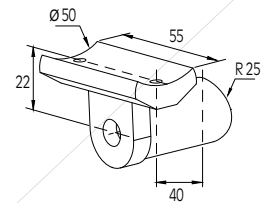
**4179**

F50-200 Railtop support for column F50-101  
Support de main courante F50-200 poteau F50-101



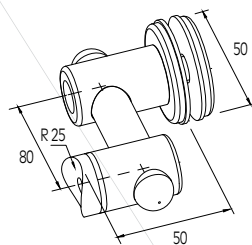
**4180**

F50-200 Railtop support for column F50-101 (external)  
Support de main courante F50-200 poteau F50-101 (extérieur)



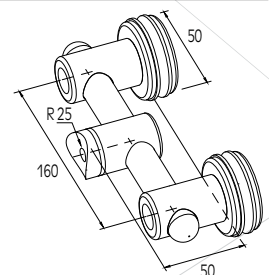
**4181**

Single glass support 8-10mm  
Fixation de vitrage 8-10mm simple



**4182**

Double glass support 8-10mm  
Fixation de vitrage 8-10mm double

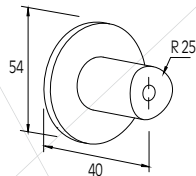




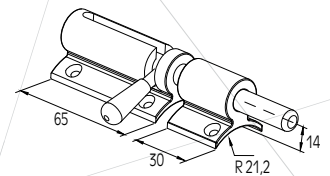


## Accessories / Accessoires

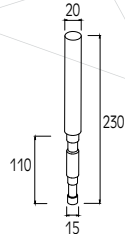
**4184** External support for F50-101 column  
Support de poteau extérieur F50-101



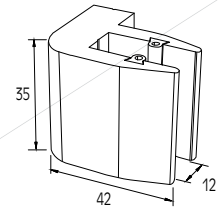
**4186** Bolt for F50-100 column  
Verrou pour poteau F50-100



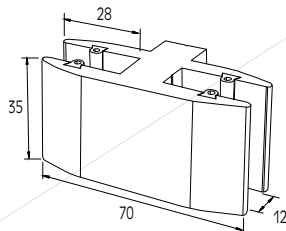
**4188** In floor support for F50-102 column  
Sous-sol support pour poteau F50-102



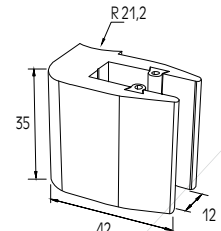
**4189** Glass support 8-10mm for column F50-102  
Support de vitrage 8-10mm pour poteau F50-102



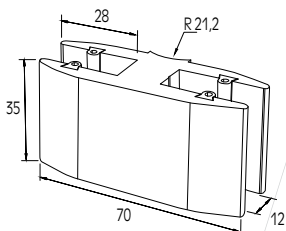
**4190** Glass support 8-10mm for column F50-102  
Support de vitrage 8-10mm pour poteau F50-102



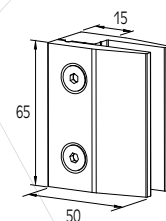
**4191** Glass clamp 8-10 mm for column F50-103  
Support de vitrage 8-10mm pour poteau F50-103



**4192** Glass clamp 8-10 mm for column F50-103  
Support de vitrage 8-10mm pour poteau F50-103



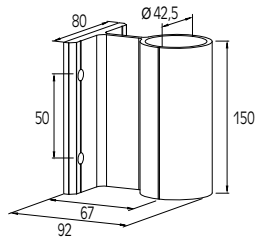
**4193** Glass clamp 8-10 mm for column F50-102/106  
Support de vitrage 8-10mm pour poteau F50-102/106



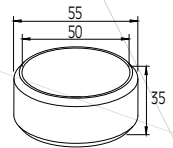


## Accessories / Accessoires

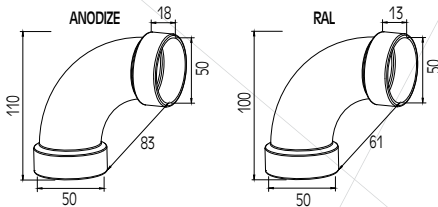
**4194** Wall support for F50-100 column  
Support mural pour poteau F50-100



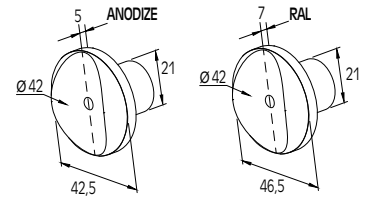
**4218** Ø50 Railtop connector  
Jonction de main courante Ø50



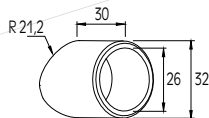
**4219** Ø50 Railtop corner connector 90°  
Jonction coudé 90° de main courante Ø50



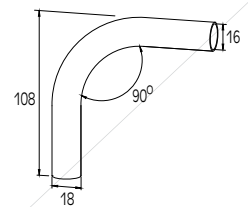
**4224** F50-100 Column connector (vertical connection)  
Jonction de poteau - poteau F50-100  
(joint vertical)



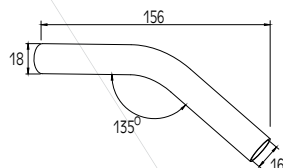
**4225** F50-100 Column connector with Ø26 profile  
(internal support)  
Jonction de poteau F50-100 avec profilé Ø26  
(appui intérieur)



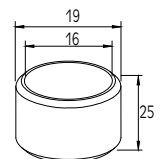
**4228** Ø16 Profile connector 90°  
Jonction 90° pour profilé Ø16



**4229** Ø16 Profile connector 135°  
Jonction 135° pour profilé Ø16



**4230** Ø16 Profile connector (straight)  
Jonction de profilé Ø16

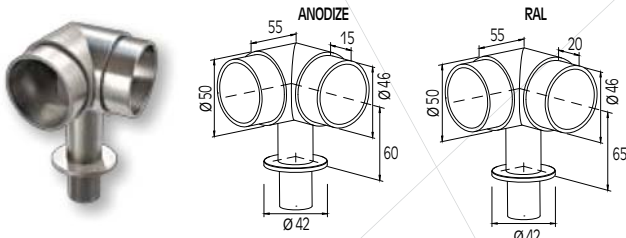




## Accessories / Accessoires

**4231**

Ø50 Railtop corner connector 90° for column F50-100  
Jonction coudé 90° de main courante Ø50 Poteau F50-100



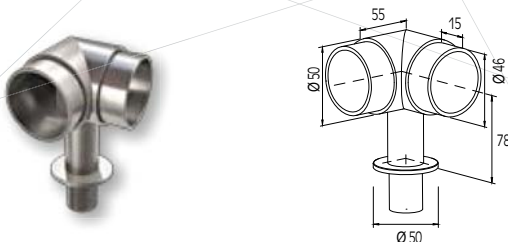
**4232**

F50-100 Column connector to profile F50-302 (external support)  
Jonction de poteau F50-100 avec profilé F50-302 (K16x16) (pose en applique)



**4235**

Ø50 Railtop corner connector 90° for column F50-101  
Jonction coudé 90° de main courante Ø50 poteau F50-101



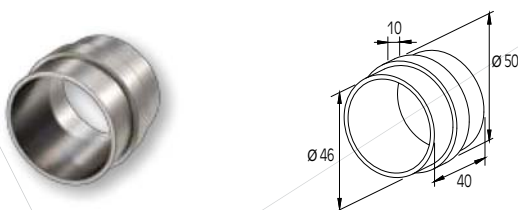
**4240**

F50-307 Connector with F50-102  
Jonction F50-307 avec F50-102



**4241**

Ø50 Railtop connector (internal)  
Jonction de main courante Ø50 (intérieur)



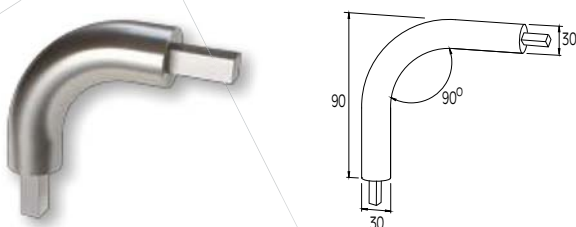
**4242**

Ø30 Rail connector (straight)  
Jonction de rail Ø30



**4243**

Ø30 Rail connector 90°  
Jonction 90° de rail Ø30



**4244**

Connector for column F50-102 with profile F26 (internal connection)  
Jonction du poteau F50-102 avec profilé F26 (connexion interne)

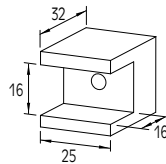




## Accessories / Accessoires

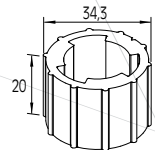
**4245**

Connector for column F50-102/106 with profile F50-302  
Jonction du poteau F50-102/106 avec profilé F50-302



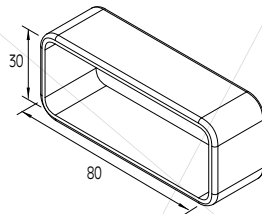
**4248**

Rosette L20mm, Column extension F50-104  
Rondelle L20mm, Adaptateur de la colonne F50-104



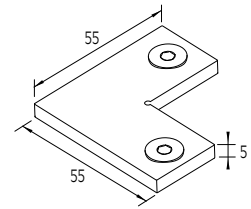
**4249**

Connector for straight railtops  
Jonction des main courantes droites



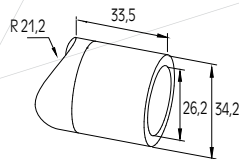
**4250**

Connecting angle for railtop F50-201  
Cornière de jonction de la main courante F50-201



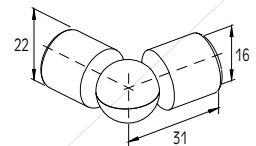
**4252**

Column connector F50-100 with Ø26 profile  
Connecteur de F50-100 avec profilé Ø26



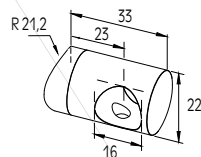
**4302**

Adjustable corner connector for Ø16 profile  
Jonction coudée pour profilé Ø16



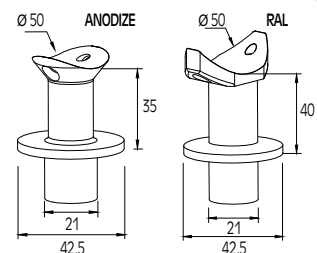
**4312**

Column F50-100 connector with Ø16 profile  
Jonction de poteau F50-100 avec profilé Ø16



**4314**

Railtop support with column (straight)  
Support de main courante - poteau

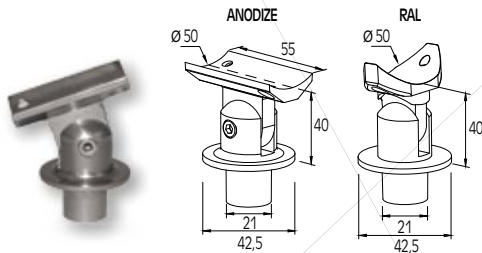




## Accessories / Accessoires

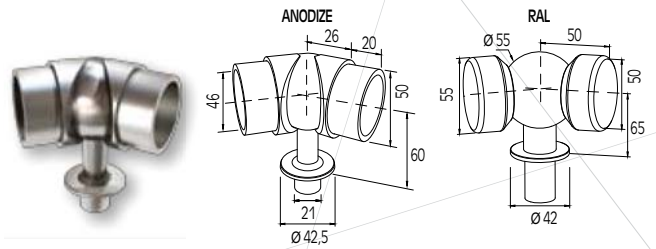
**4316**

Railtop Ø50 support for F50-100 column (stairs)  
Support de main courante Ø50 - poteau F50-100 (escaliers)



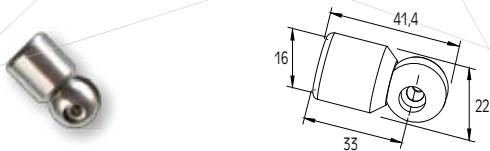
**4319**

Adjustable corner Ø50 railtop connector  
Jonction réglable de main courante Ø50



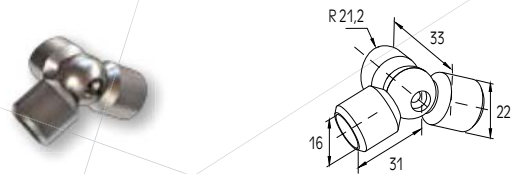
**4322**

Glass rosette connector with Ø16 profile  
Jonction de rosace pour verre avec profilé Ø16



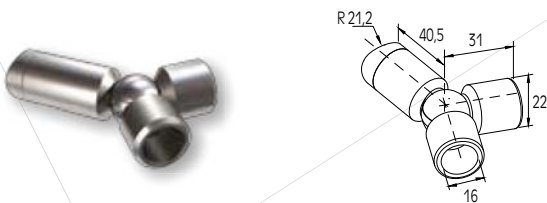
**4323**

Adjustable corner horizontal connector-profile  
Ø16 & column F50-100  
Jonction réglable - profilé Ø16 - poteau F50-100 (sécurité de verre)



**4324**

Horizontal connector for adjustable corner -  
Ø16 profile & F50-100 colum  
Jonction réglable horizontal - profilé Ø16 -  
poteau F50-100



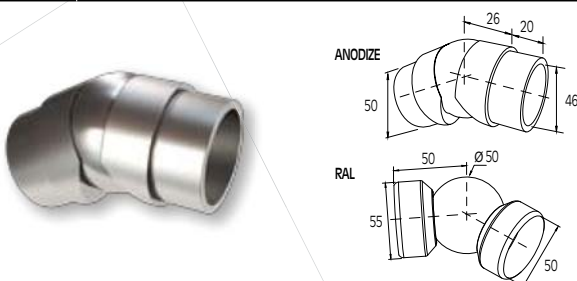
**4328**

F50-102 Connector with F50-201  
Jonction F50-102 avec F50-201



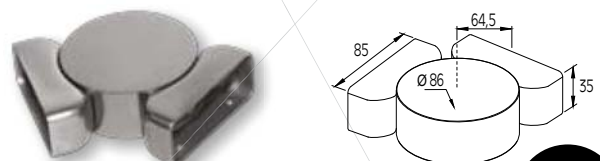
**4329**

Adjustable corner Ø50 railtop connector  
Jonction réglable de main courante Ø50



**4332**

F50-201 Adjustable corner horizontal connector  
Jonction réglable F50-201

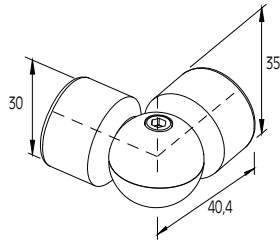




## Accessories / Accessoires

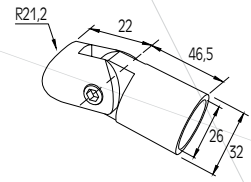
**4333**

F50-307 Adjustable corner horizontal connector  
Jonction réglable F50-307



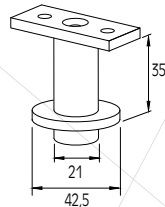
**4335**

Connector between column F50-100  
and profile Ø26  
Jonction entre le poteau F50-100 et le  
profilé Ø26



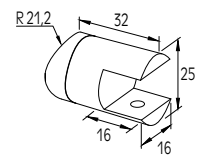
**4337**

F50-100 Connector with F50-201  
Jonction F50-100 avec F50-201



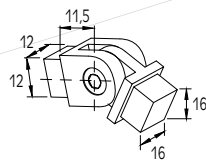
**4341**

Connector between column F50-100 and  
profile F50-302 (K16x16)  
Jonction le poteau F50-100 et le profilé  
F50-302 (K16x16)



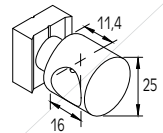
**4342**

Connector for adjustable corner for profile  
F50-302 (K16x16)  
Jonction de cornière ajustable du profilé  
F50-302 (K16x16)



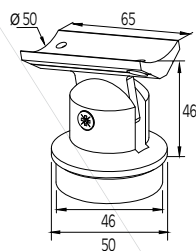
**4343**

Connector between ready column 4620 and  
profile Ø16  
Jonction entre le poteau 4620 et le profilé Ø16



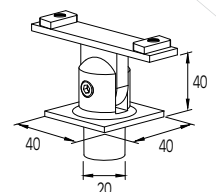
**4344**

Connector F50-103 with F50-200 (stair)  
Connecteur de F50-103 avec F50-200 (escalier)



**4345**

Railtop support 80x30 for F50-102 column (stair)  
Support de main courante 80x30 pour colonne  
F50-102 (escalier)

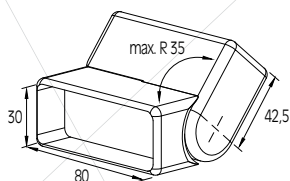




## Accessories / Accessoires

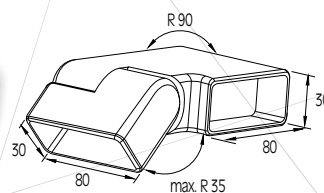
**4346**

Adjustable corner connector for railtop 80x30 (stair)  
Connecteur d'angle variable de main courante 80x30 (escalier)



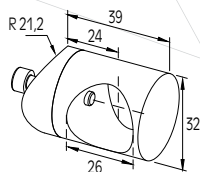
**4347**

Adjustable corner connector for railtop 80x30 (stair)  
Connection angulaire variable de main courante 80x30 (escalier)



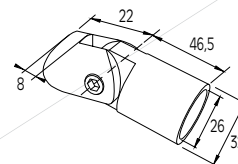
**4348**

Column connector F50-101 for Ø26 profile  
Connecteur de colonne F50-101 avec profilé Ø26



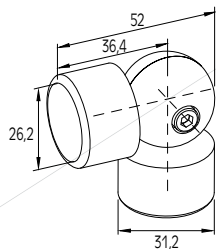
**4349**

Column extension F50-102 for Ø26 profile  
Articulation de colonne F50-102 avec profilé Ø26



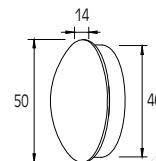
**4352**

Adjustable corner connector for Ø26 profile  
Connecteur d'angle variable pour profilé de Ø26



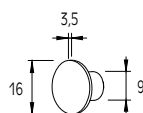
**4434**

F50-200 Railtop cover  
Bouchon de main courante F50-200



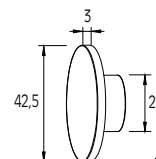
**4435**

F50-301 Profile Cover (Ø16x3,5)  
Bouchon de profilé F50-301 (Ø16x3,5)



**4436**

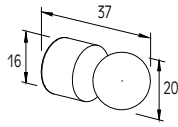
F50-100 Column cover  
Bouchon de poteau F50-100



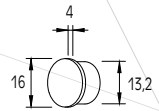


## Accessories / Accessoires

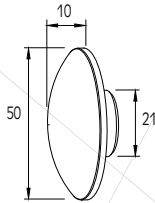
**4437** Ø16 Profile finish  
Finition de profilé Ø16



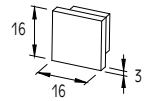
**4438** F50-300 Profile Cover (Ø16x1,3)  
Bouchon de profilé F50-300 (Ø16x1,3)



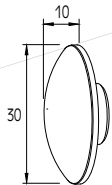
**4443** F50-101 Column cover  
Bouchon de poteau F50-101



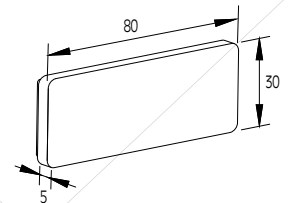
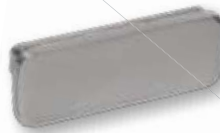
**4444** F50-302 (K16x16) Profile cover  
Bouchon de profilé F50-302 (K16x16)



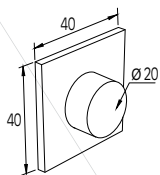
**4446** F50-307 Rail cover  
Bouchon de rail F50-307



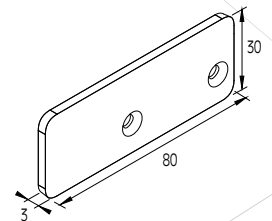
**4447** F50-201 Railtop cover  
Bouchon de main courante F50-201



**4448** F50-102 Column cover  
Bouchon de poteau F50-102



**4451** F50-203 Railtop cover  
Bouchon de main courante F50-203



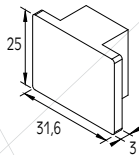




Accessories / Accessoires

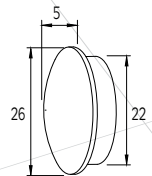
**4452**

F50-310 Rail cover  
Bouchon de rail F50-310



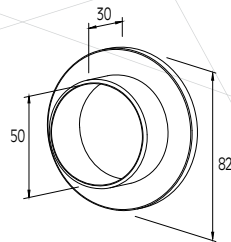
**4461**

F50-304 Profile cover  
Bouchon pour colonne F50-304 profilé Ø26



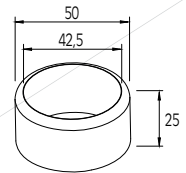
**4509Z**

Wall cover for rail top Ø50 with cover  
Couvre jointe de la main courante Ø50 avec bouchon



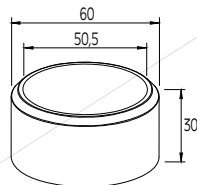
**4510**

F50-100 Column cover  
Bouchon de poteau F50-100



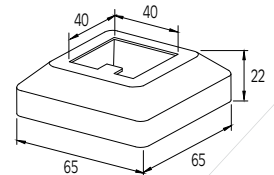
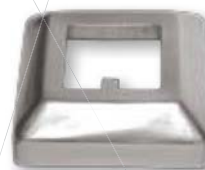
**4513**

F50-101 Column cover  
Bouchon de poteau F50-101



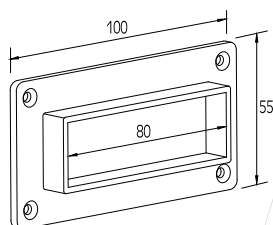
**4514**

F50-102 Column cover  
Bouchon de poteau F50-102



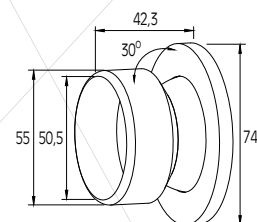
**4515**

F50-201/203 Railtop cover  
Bouchon de main courante F50-201/203



**4518**

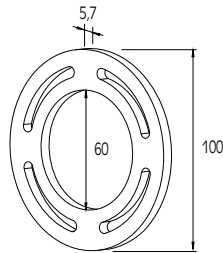
Adjustable railtop cover F50 (stair)  
Couvre-joint articulé de main courante Ø50 avec capuchon (escalier)



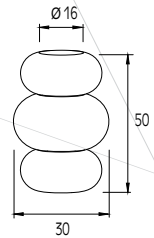


## Accessories / Accessoires

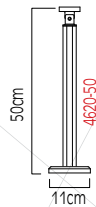
**4611** Ø100 Glass rosette  
Rosace Ø100 de verre



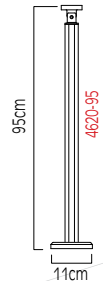
**4618** Ø16 Rosette profile  
Rosace pour profilé Ø16



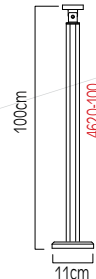
**4620-050** Readymade column for profile Ø16  
Poteau prêt à la pose pour des  
profilés Ø16



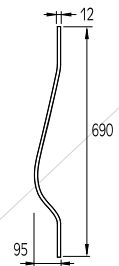
**4620-095** Readymade column for profile Ø16  
Poteau prêt à la pose pour des  
profilés Ø16



**4620-100** Readymade column for profile Ø16  
Poteau prêt à la pose pour des  
profilés Ø16



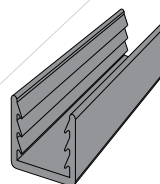
**4670** Curved profile for Vertical-D  
Profilé cintré pour Vertical-D



**4680** Curved profile for Vertical-D  
Profilé cintré pour Vertical-D



**4902** U-shape rubber for rail F50-310 and glass  
10-12mm  
Joint en forme de "U" pour le rail F50-310 et  
vitrage de 10-12mm

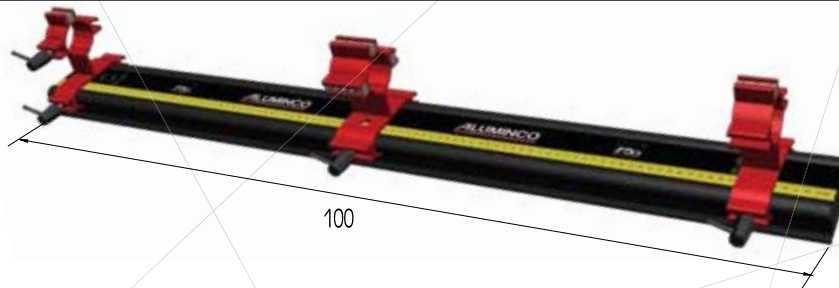




## Montage Materials / Matériaux De Montage

**F50-K42**

Profile calibrator  
Calibre de profilé



**6K9450**

Glue 50ml  
Colle époxyde 50ml



- In proportion 1:1
- Working time 7-8 min.
- Initial welding time 15-18 min.
- Complete welding time 3-6 hours

- Ratio 1:1
- Temps d'activation 7-8 minutes
- Temps d'adhérence initiale 15-18 minutes
- Temps d'adhérence complète 3-6 heures

**6KA100**

Glue mixer accessory  
Mélangeur de colle – pièce de rechange



**6KA410**

Glue for internal supports 4167 & 4188  
Colle pour des supports 4167 & 4188



- Working time 10-15 minutes
- Temps de durcissement 10-15 minutes

**6KA102**

Glue mixer accessory  
Malaxeur de la colle



**6KA200**

Pistol for glue 50ml  
Pistolet à colle 50ml



**6KA202**

Pistol for glue  
Pistolet pour application de colle

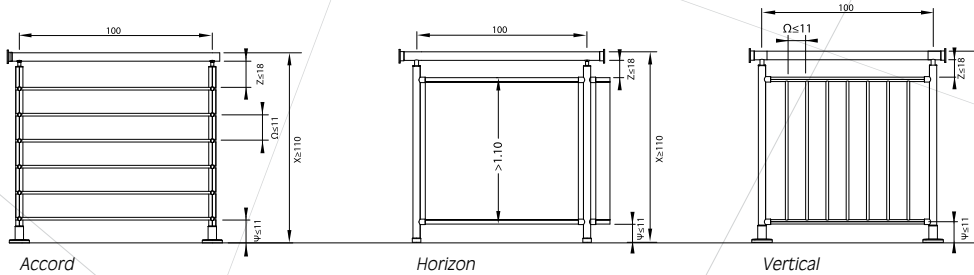




# Installation Regulations Règles D' Installation

## 1. Unit installation requirements / Installation de l' unité de base

Illustration 1 / Figure 1



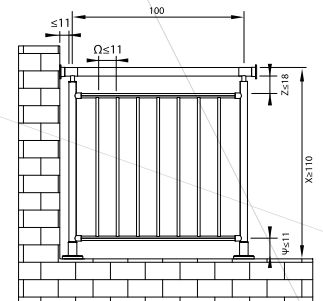
Valid for all three models: Accord, Horizon, Vertical

- Recommended distance between columns (axis): 100cm
- Total security railing height (from floor top up to rail top):  $X \geq 110\text{cm}$
- Security height of lower end (from floor top up to first horizontal profile):  $\Psi \leq 11\text{cm}$
- Security height of upper end (from the highest edge of the upper horizontal profile up to the handrail bottom edge):  $Z \leq 18\text{cm}$
- In-between horizontal profile clearance (net opening) for Accord, or vertical profiles width for Vertical:  $\Omega \leq 11\text{cm}$

Pour les trois modèles: Accord, Horizon & Vertical

- Distance recommandée entre les poteaux: 100 cm
- Hauteur de sécurité totale du poteau (entre le sol et la main courante):  $X \geq 110\text{cm}$
- Hauteur de sécurité du bout inférieur (entre le sol et le début du guide):  $\Psi \leq 11\text{cm}$
- Hauteur de sécurité du bout supérieur (entre le bout du guide et la partie basse de la main courante):  $Z \leq 18\text{cm}$
- Distance intérieure (ouverture nette) entre les profilés horizontaux (Accord) ou les profilés verticaux (Vertical):  $\Omega \leq 11\text{cm}$

Illustration 2 / Figure 2



### Wall mounting

Valid for all three models:  
Accord, Horizon & Vertical

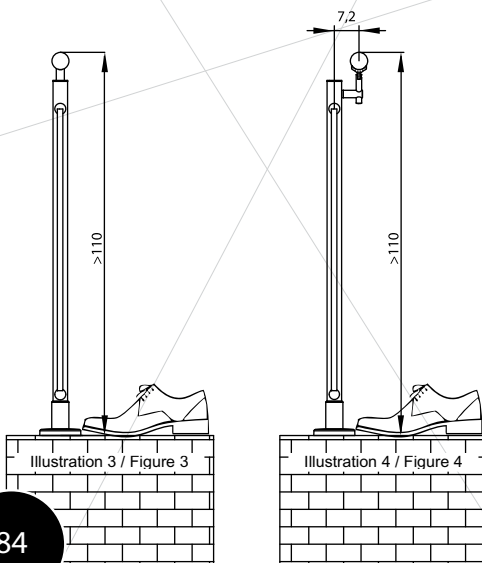
- Net distance between final support column and the wall (net width):  $K \leq 11\text{cm}$

### Fixation au mur

Pour les trois modèles:  
Accord, Horizon & Vertical

- Distance entre le poteau de support et le mur (ouverture nette) :  $K \leq 11\text{cm}$

## 2. Increased safety installation / Pour une installation encore plus sécurisée



In response to the requirement of numerous markets for increased safety railings for children, ALUMINCO has supplied its F50 Railing System with a smart element.

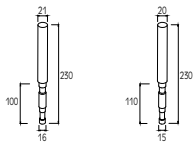
The possibility to be mounted with an internal rail top support (Illustration 4) instead of the ordinary vertical rail top support (Illustration 3), for increased safety reasons. Due to this device, the rail top axis shifts 7,2cm inside the vertical column support axis, avoiding thus leverage formation.

The internal rail top support can be applied to all three models: Accord, Horizon, Vertical.

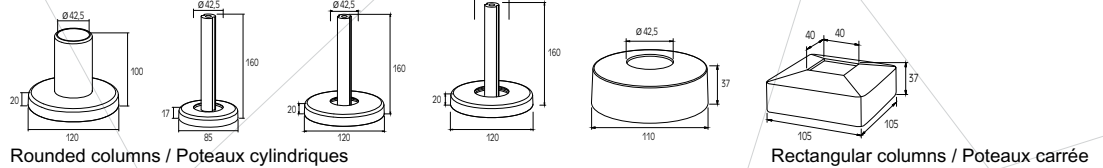
ALUMINCO, tout en tenant en compte les besoins des marchés pour plus de sécurité en ce qui concerne les enfants, a équipé le F50 Railing System avec une astuce «intelligente»: la capacité de monter le support intérieur de la main courante (Figure 4), à part le support vertical de la main courante (Figure 3), pour plus de sécurité. Ainsi, l'axe de main courante rentre dans l'axe du poteau de support 7.2 cm, une distance qui évite le risque de création d'un levier pour le corps. Le support intérieur de main courante peut s'appliquer aux modèles: Accord, Horizon, Vertical.

### 3. Alternative column support solutions / Modes alternatifs pour le support de poteaux

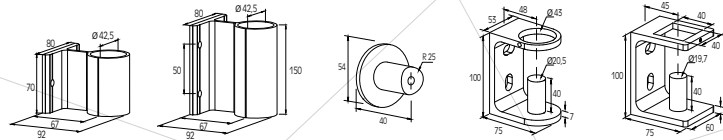
(a) In floor support / Support sous-sol



(b) Floor external support / Support au sol



(c) Wall support / Support mural



F50 Railing System offers three alternative ways of support column mounting, depending on the model and the possibility offered by the railing construction plan.

F50 Railing System a trois modes de support de poteaux, selon le dessin et les options que chaque application offre.

(a) In floor support / Sous-sol support  
[Illustration 5 / Figure 5]

When this version of mounting is used, a 23cm rod is inserted in the concrete for about 10cm (diameter of the drill  $\varnothing 16$  mm) using a two element epoxy glue. On the other side the pillar is inserted.

This way of mounting is suitable for floors, stepping stones, parapets made of solid structural material, for example concrete, with a minimum thickness of 15cm.

Un piston (23 cm) est encastré dans le béton armé de 10 cm (utilisant une perforatrice  $\varnothing 16$ cm) et est fixé avec une colle époxyde de deux composants. Le poteau est fixé sur la partie libre. Cette fixation est idéale pour des sols, escaliers, des murets construits de composants solides, par exemple, béton armé au moins 15 cm épais.

(b) Floor external support / Support sur le sol  
[Illustr. 6 (without parapet), Illustr. 7 (with parapet)]  
[Figure 6 (sans garde-corps plein), Figure 7 (avec garde-corps plein)]

This way can be used to mount Accord, Horizon and the Vertical and in every application. There are 6 different mounting accessories. 5 of them have a round base of 12cm or 8.5cm diameter and the other one have a rectangle base (the later are made for Accord RC and RC Quattro).

Cette solution peut s'appliquer aux trois modèles : Accord, Horizon & Vertical et pour toutes les applications.

Il y a 6 types de pied de supports, 5 desquelles ont une base ronde  $\varnothing 120$  &  $\varnothing 85$ , et 1 parallélogrammes dessin Accord RC & RC Quattro.

(c) Wall support / Support extérieur mural  
[Illustration 8 / Figure 8]

This solution can be applied on balconies without parapet and on stair railing systems (if the balcony has a parapet it should be used only in the inner lateral surface).

Cette solution peut être appliquée aux balcons sans murets, escaliers ou balcons avec murets, mais dans ce cas, seulement comme support intérieur.

Illustration 5  
Figure 5

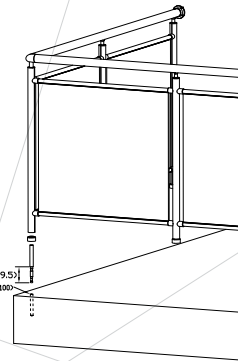


Illustration 6  
Figure 6

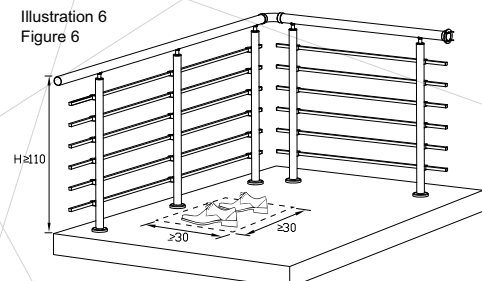


Illustration 7  
Figure 7

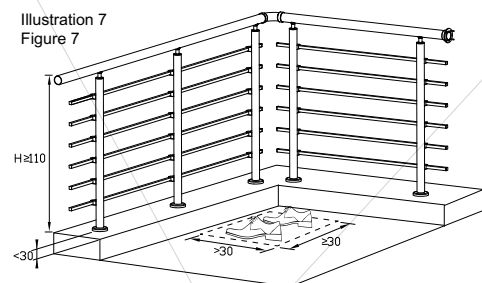
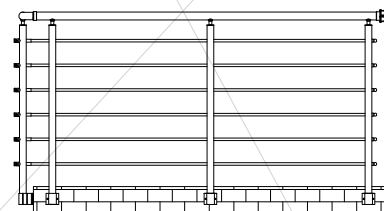


Illustration 8  
Figure 8





# Installation Regulations Règles D' Installation

## 4. Secure installation on a parapet / Support sécurisé

A usual practice for balconies is to end up to parapets. For those cases safety regulations advise two alternative installation ways:

Le muret aux balcons est une pratique fréquente. Pour ces cas, les règles de sécurité prévoient deux manières alternatives de support

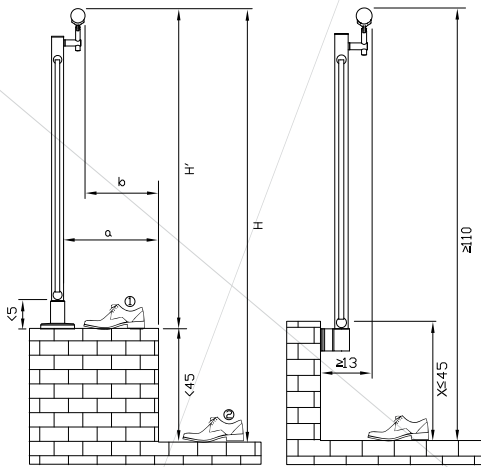


Illustration 9 / Figure 9

Illustration 10 / Figure 10

### (a) On the parapet / Sur le muret

In this application (considering that the height of the parapet is  $X \leq 45\text{cm}$  and width of the parapet is  $\Psi \geq 30\text{cm}$ , then the total height of the railing mentioned in paragraph 1 should be measured from the top surface of the parapet and not from the floor. (Illustration 9)

Dans ce cas, et à condition que l'hauteur intérieure entre le muret et le bout du sol est  $X \leq 45\text{cm}$  et la largeur du garde-corps est  $\Psi \geq 30\text{cm}$ , l'hauteur minimale de la traverse mentionnée au par. 1, est calculée du bout du muret et pas du sol (Figure 9).

### (b) Inside the parapet / À l'intérieur du muret

In this application considering that the height of the parapet measured from the floor is  $X \leq 45\text{cm}$  and independently of the parapet width, then the minimum height of the railing mentioned in paragraph 1 should be measured from the top surface of the floor till the highest point of the handrail (Illustration 10).

En ce cas, et à condition que l'hauteur intérieure entre le muret et le sol est  $X \leq 45\text{cm}$  et quelconque est la largeur du muret, l'hauteur minimale de la traverse mentionnée au par. 1, est calculée du bout du sol [Figure 10].

## 5. Secure installation on stairs / Installation sécurisée pour escaliers [Illustration 11 / Figure 11]

Valid for all three models: Accord, Horizon, Vertical  
Pour les trois modèles: Accord, Horizon & Vertical

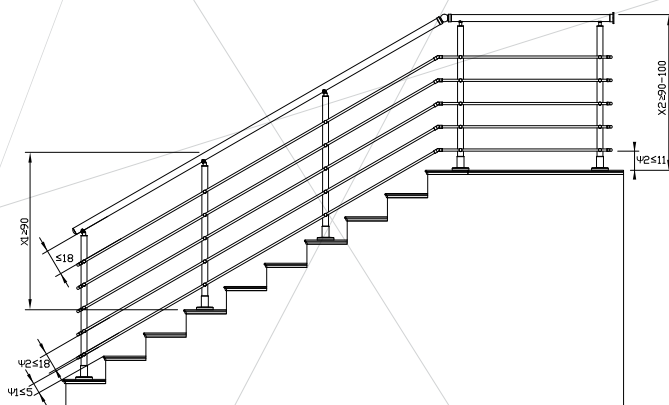


Illustration 11 / Figure 11

- Suggested centerline distance between pillars: every 4<sup>th</sup> stair stone
- Total protection height of the stair railing (measured from the end of the stair stone to the handrail):  $X1 \geq 90\text{cm}$
- Total protection height of the railing at the end of the stair (measured from the ending of the last stair stone to the handrail)  $X2 \geq 90-100\text{cm}$
- Maximum allowed space between the edge of the stair stone and the horizontal sectors of the railing  $\Psi1 \leq 5\text{cm}$
- Maximum allowed space on the landing of the stair (measured from the top surface of the ending stair stone to the nearest edge of the barrier)  $\Psi2 \leq 11\text{cm}$
- Interior distance (opening) between the horizontal tubes Accord  $\Omega \leq 18\text{cm}$

- Distance recommandée entre les poteaux (axis): chaque 4eme marche
- Hauteur de sécurité totale de garde-corps d'escalier (bout de marche, jusque la main courante):  $X1 \geq 90\text{cm}$
- Hauteur de sécurité de garde-corps au palier (entre le bout du palier et la main courante):  $X2 \geq 90-100\text{cm}$
- Hauteur de finition basse (entre le bout de la marche et le début des parties horizontales):  $\Psi1 \leq 5\text{cm}$
- Hauteur de finition basse du palier (entre le palier et le début de la partie horizontale):  $\Psi2 \leq 11\text{cm}$
- Distance intérieure (ouverture nette) entre les tubes horizontaux Accord:  $\Omega \leq 18\text{cm}$

## 6. Secure installation on external corridors / Installation sécurisée dans les espaces extérieurs

Valid for all three models: Accord, Horizon, Vertical / Pour les trois modèles: Accord, Horizon & Vertical

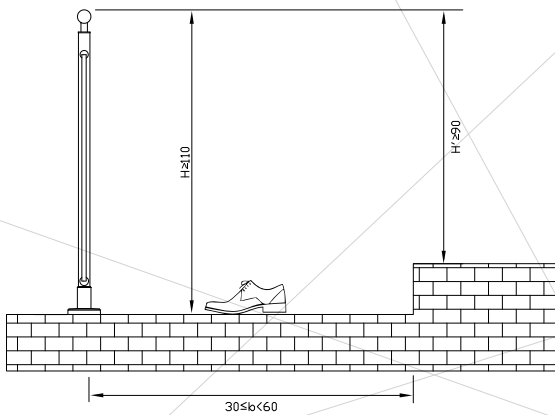


Illustration 12 / Figure 12

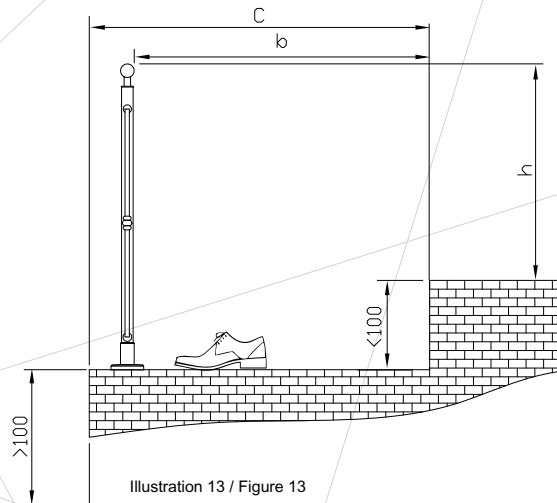


Illustration 13 / Figure 13

For corridor turn around or ending

• In the case that a hallway ends or turns around a point and the drop from the hallway to the soil is greater than 100cm, then a railing should be fitted. (Illustration 12)

Otherwise an object could be placed in order to avoid passing, for example a jardinière.

• The distance  $b$  between the railing from the last stair stone should satisfy  $30\text{cm} \leq b \leq 60\text{cm}$ . In this way even if a person stumbles upon the stair stone, the risk of an accident is minimized. (Illustration 13)

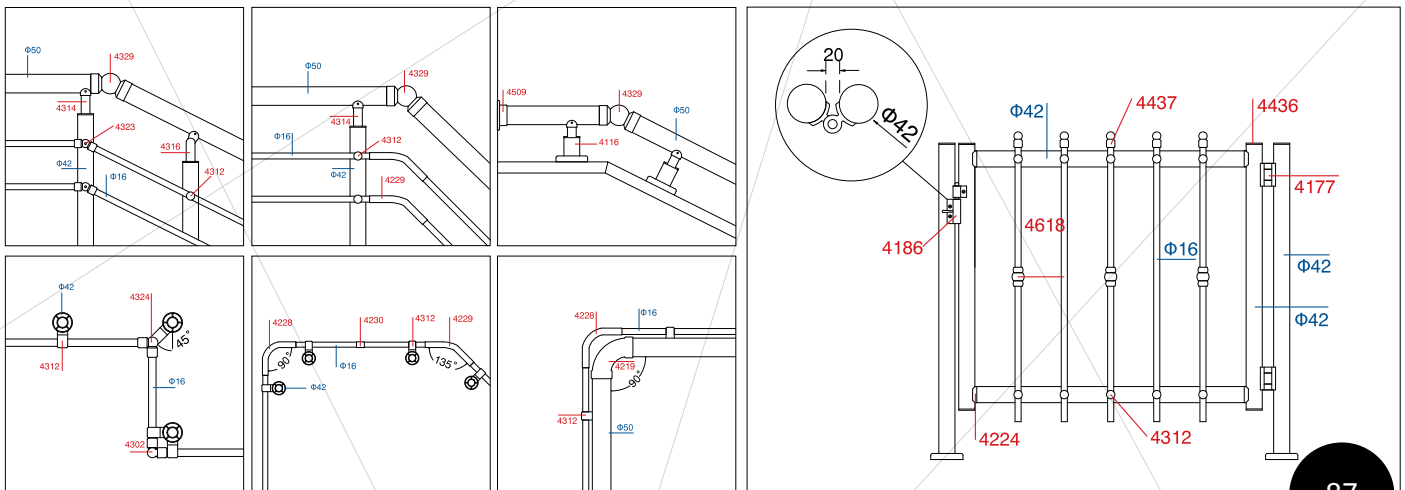
Pour finissage ou tournants de couloirs

• En cas de tournants de couloirs et si le vide entre le bout du sol et le côté est plus grand de 100 cm, alors, un garde-corps doit être installé. (Figure 12)

S'il est plus petit de 1 m, alors, un objet qui bloque le passage, peut être posé. (par exemple, une jardinière).

• La distance  $b$  entre le garde-corps et le dernier marche est  $30\text{cm} \leq b \leq 60\text{cm}$ , de façon que même si quelqu'un glisse, il ne met pas sa vie en danger. (Figure 13)

## 7. Assembling details / Détails de montage





# Lexan® Solid Polycarbonate Sheets Plaques Solides en Polycarbonate

Clear  
Clair



Code:  
PC200-005CL

Clear Textured  
Clair En Relief



Code:  
PC201-006CL

Opal  
Opale



Code:  
PC200-005OP

Grey  
Gris



Code:  
PC200-005GR

Red  
Rouge



Code:  
PC200-005RD

Yellow  
Jaune



Code:  
PC200-005YE

Violet  
Violet



Code:  
PC200-005VL

Light Blue  
Bleu Ciel



Code:  
PC200-005BL

**Note:**

Printed colors are indicative and do not represent 100% the material's actual color and clarity. You are kindly requested to ask for color samples.

**Note:**

Les couleurs illustrées sont indicatives et ne correspondent pas aux couleurs et lucidité vraies. Demandez-nous des échantillons de couleurs.

Color/Couleur	Thickness/Épaisseur	Sheet dimension/Dimension de plaque
Clear, Opal / Clair, Opale	5mm	205x605cm
Colored / Coloré	5mm	205x605cm
Clear Textured / Clair En Relief	6mm	205x305cm





# Notes

A series of ten horizontal dotted lines spanning the width of the page, intended for handwritten notes.



# Notes

A series of horizontal dotted lines for taking notes, set against a background of a black top section and a white bottom section separated by a diagonal line. The dotted lines are arranged in a grid pattern across the white section.



# Notes

A series of horizontal dotted lines for taking notes, spanning the width of the page.



HEAD OFFICE: INOFITA VIOTIAS 320 11  
TEL.: +30 22620 47000  
FAX: +30 22620 47092

WEBSITE: [www.aluminco.com](http://www.aluminco.com)  
E-MAIL: [mail@aluminco.com](mailto:mail@aluminco.com)  
[export@aluminco.com](mailto:export@aluminco.com)

