ALUMINUM RAILING SYSTEMS

Railing System is based on 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 application.

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 is offered in a wide range of powder coating, RAL, special, mat, textured and wood imitation. Powder coating production is approved and ensure that all process are qualicoat seaside class certified. For this railing system application are unlimited and offer unique solutions to the contemporary construction.

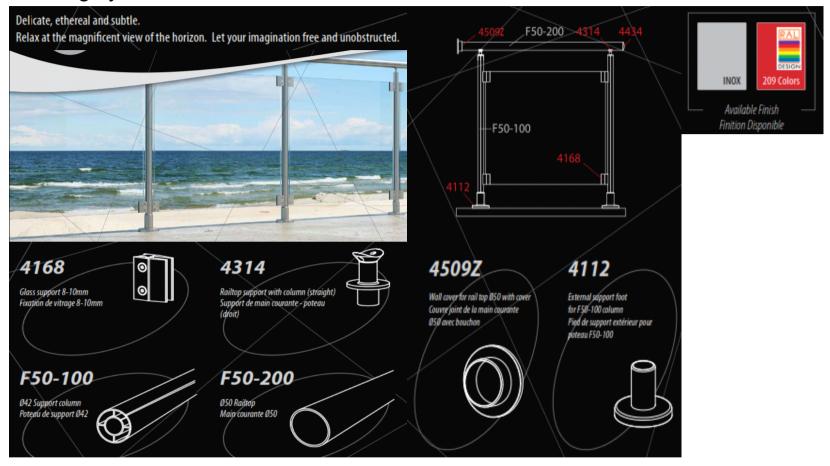
Some of them are:

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

Anodizing

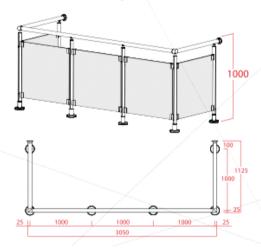
Anodizing successfully combines science with nature to create one of the best natural finishes available for aluminum. It is an electrolytic process used to increase the thickness and the hardness of the natural oxide layer on the surface of aluminum parts.

Railing system - H





Constructions dimensions / Dimensions de la construction



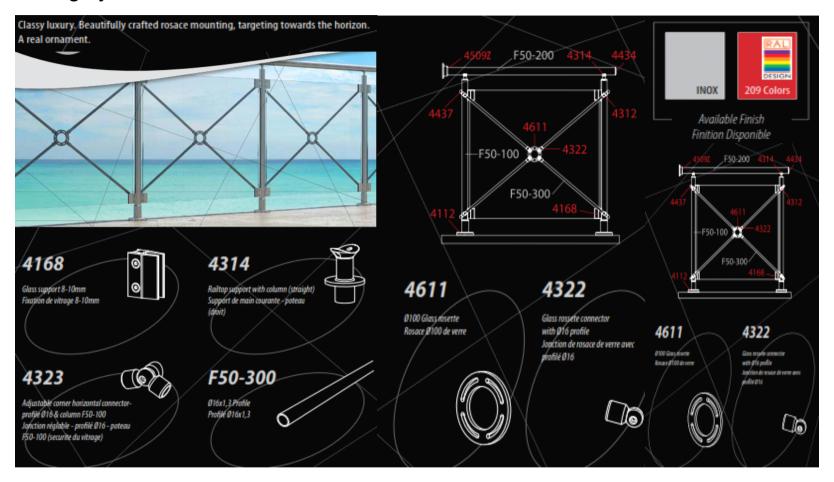
Calculations of accessories / Calcul des matériaux (glass is not included / verre non-inclu)

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 90º railtop connector jonction coudé 90º 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

Price on request.

Railing system - HX





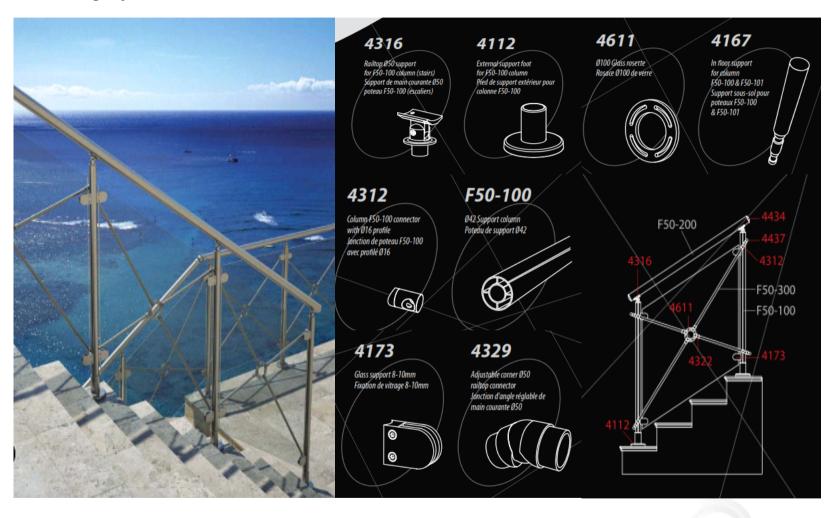
Constructions dimensions / Dimensions de la construction 1000 1000 1000 1000 25 3050

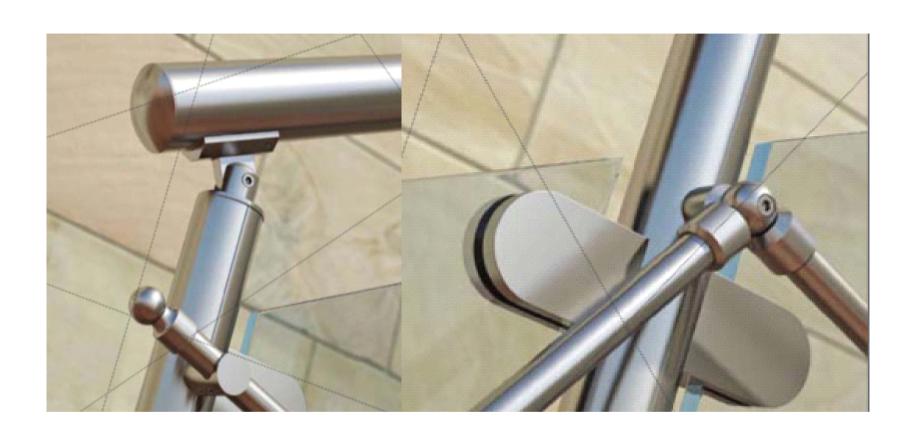
Calculations of accessories / Calcul des matériaux (glass is not included / verre non-inclu)

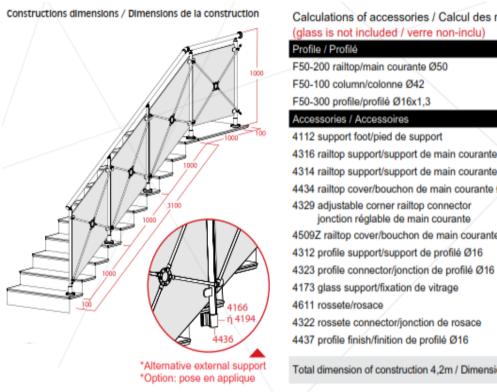
Profile / Profilé	Dimensions
F50-200 railtop/main courante Ø50	5,30 m
F50-100 column/colonne Ø42	6,00 m
F50-300 profile/profilé Ø16x1,3	10,00 m
Accessories / Accessoires	Quantity / Quantit
4112 support foot/pied de support	6 pcs.
4314 railtop support/support de main courante Ø50	4 pcs.
4231 90 ^o railtop connector jonction coudé 90 ^o de main courante	2 pcs.
4168 glass support/fixation de vitrage	20 pcs.
4323 profile connector/jonction de profilé Ø16	4 pcs.
4322 rossete connector/jonction de rosace	20 pcs.
4611 rossete/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.

Price on request.

Railing system - HX RAIL







Calculations of accessories / Calcul des matériaux

(glass is not included / verre non-inclu)

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.

Dimensions

6 pcs.

16 pcs.

4 pcs.

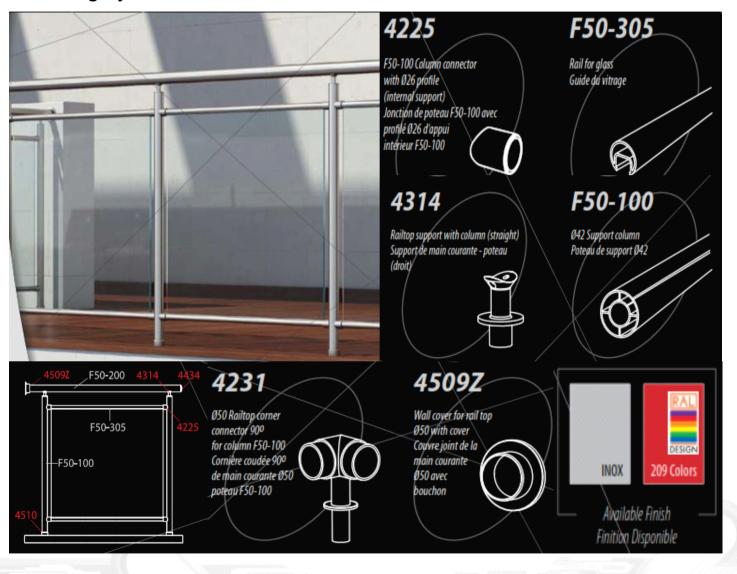
16 pcs.

4 pcs.

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

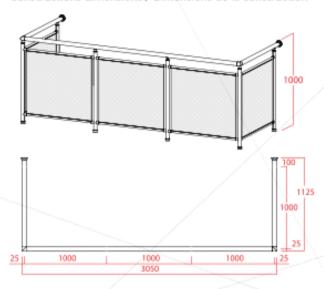
Price on request.

Railing system - U RAIL





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 / Quantit
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 90º railtop connector jonction coudé 90º de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.

Price on request.

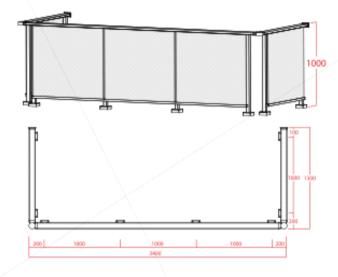
Railing system - U RAIL STAIRS



Railing system - F RAIL



Constructions dimensions / Dimensions de la construction



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

Profile / Profilé	Dimensions
F50-203 dividable railtop 30x80 main courante divisible 30x80	6,00 m
F50-223 cover for dividable railtop couvercle 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 / Accessoires5	Quantity / Quantité
4122 support foot/pied de support	8 pcs.
4332 90º railtop connector jonction coudé 90º 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

Price on request.

Railing system - B RAIL



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 ^o railtop connector joint coudé 90 ^o de main courante	2 pcs.
4509Z railtop cover/bouchon de main courante	2 pcs.
Total dimension of construction 6m / Dimension totale de co	nstruction 6m

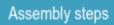
Price on request.

LINE RAILING SYSTEM



On-floor glass supporting system

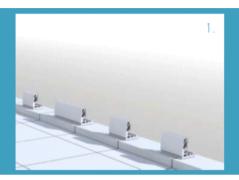
It is an on floor glass supporting system with aluminium profiles, ideal for the construction of glass railing on a floor or on a parapet by using a special base (profile). The system is compatible with glass of 16mm thickness and of 1000mm height (triplex, securit). The base is covered by oval aluminium covers (profile) which allow the replacement of the glazing without damaging the system or the floor. These covers are available in RAL, special colours (bush hammered etc), wood imitation and anodized-brushed (type inox).

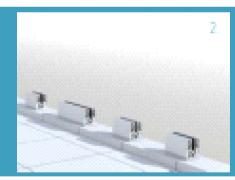


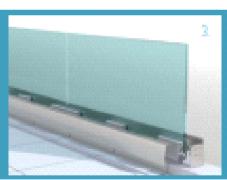
- Adjust and screw the bases.
 Place the brace parts of the bases.
 Place and tighten the glass.
 Fix caps and side covers.

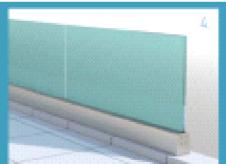
Montage

- Ajuster et visser les bases.
 Placer les presses des bases.
 Placer et serrer le vitrage.
 Placer les caches latéraux et les













Advantages

It is an ideal solution for balconies, stains and building enclosures for high architectural standards, offering an impressive and functional result with no view limit.

- · Perfect neathetic result.
- Unlimited view.
- * Easy cleaning.
- * Maintenance free.
- UNI EN 10807 & NF P01-013.

Avantages

C'est un système idéal pour des terrasses, des rampes, des passerelles et des clôtures de bitiments de haut standard. Il offre un résultat impressionnant et fonctionnel, ne limitant pas la vue.

- * Partete exthitique.
- * Vive Birmitte.
- * Nettoyage facile.
- *Pas d'entretien.
- UNI EN 10807 & NF P01-013.





Adjustable on floor glass supporting system Système de base apparente ajustable supportant le vitrage (pose à la française)

Adjustable on floor glass supporting system with aluminum profiles, ideal for the construction of glass railing on a floor or on a parapet. Bases are placed on a special guide for a better support and system adjustment and then, caps and oval covers are fixed. This system is compatible with glass of 16 or 20mm thickness and of 1000mm height.

C'est un système de base apparente ajustable en profiés d'aluminium qui supporte le vitrage sur un parapet ou sur le soi à l'aide d'une base. Initialement, les bases sont posées sur un rail apécial optimisant le support et l'ajustement du système et, ensuite sont montés les caches latéraux et les capuchons. Ce système est compatible avec un vitrage de 16 ou 20mm d'epaisseur et de 1000mm de hauteur.

Assembly steps

For a 1000mm glass, we use 3 bases of 150mm which are placed on a special sluminum guide. Then, glazing, side and end covers are placed, glving the final shape to the system.

- 1. Screw the guide on the ground, slide and scree the bases on the rail.

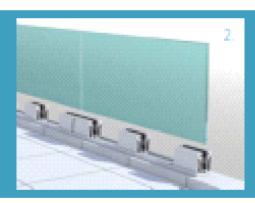
 2. Place and adjust the glass.
- 3. Place caps and side covers.

Montage

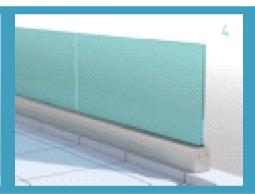
Pour un vitrage de 1000mm, 3 bases de 150mm sont utilisées qui sont placées dans un rail d'aluminium apécial. Ensuès, les couvercles lattraux et les capuches sont placées dornant l'aspet finel au système.

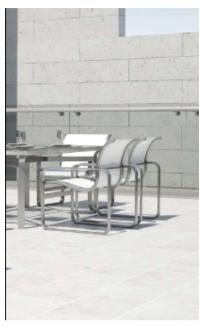
- 1. Visser le rail sur le soi, couteser et visser les bases dans le rai. 2. Placer et sjuster le vitrage.
- 3. Placer les caches latéraux et les capuchora.







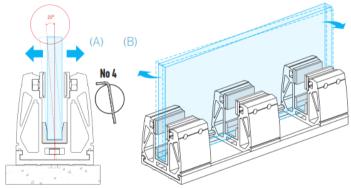






Advantages

- Vertical and horizontal adjustment;
 Special guide for bases support;
 Glazing support by lateral pressure plates;
 Glazing 16 or 20 mm (triplex, securit);
 UNI EN 10807&NF P01-013.

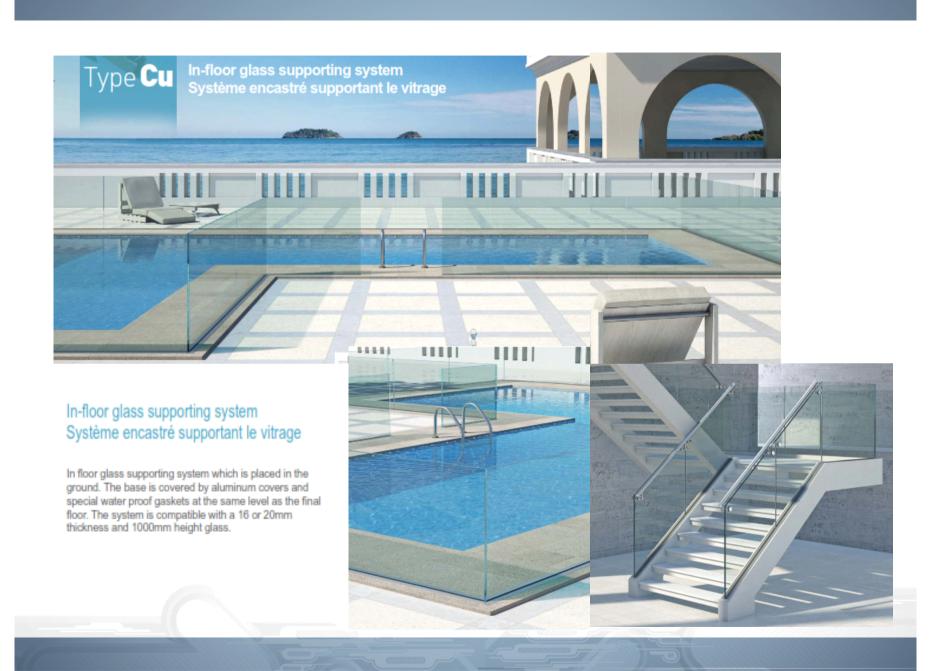




On-floor glass supporting system Système de base apparente supportant le vitrage (pose à la française)

It is an on-floor glass supporting system with aluminum profiles, ideal for the fabrication of a glass railing on a floor or on a parapet. The bases are compatible with 16 or 20mm thickness and 1000mm height glass and they are covered on the top by aluminum straight covers (profile). These covers can be removed in order to replace the glass without damaging the system or the floor.



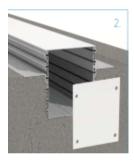


Assembly steps

Firstly, the special guide is placed in the ground where the special in-floor glass supporting system will be fixed. The cement is cast on the perimeter of the special guide while the final height is adjusted, according to the final floor's height, by using an additional profile. Once the final floor is settled, the covers and the water proof gaskets are fixed.

- Place and adjustite deepness of the in floor base guide according to the material of the final ground.
- 2. Cast the cement on the perimeter of the guide.
- Place the in-floor base and fix the glazing and the special water proof gaskets and the aluminum covers.









External glass supporting system Système externe supportant le vitrage (en applique)

The base profile which will support the glass of 16 or 20mm thickness and 1000m height (triplex, securit) is screwed on the wall. The external base is screwed on the parapet where the glass is fixed by special metallic pins.

Advantages

- · Modern aesthetic shape.
- · Unlimited view.
- · Glass of 16 or 20mm thickness (triplex, securit).

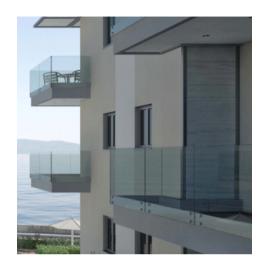
Assembly steps

- Screw the external base on the parapet.
 Place and adjust the glass; scre with special.













Type **Ds** INOX External glass supporting system INOX Système externe supportant le vitrage (en applique)

As an optional solution for external glass support, there is the mini stainless steel system. This system is composed by an external supporting base of 40mm diameter while there is the possibility of using a railtop with a special accessory. It is an ideal solution for external applications on stairs and balconies.



Advantages / Avantages

- · Easy mantling.
- · Optimal for stair application.
- Glass of 16 up to 20mm thickness (triplex, securit).







Crysta Line system is compatible with a 16 or 20mm glass (triplex, securit) polished on the edge. Aluminco has improved the system by using 3 railtop models.

- round railtop, 50mm (photo 1)
- ovale railtop, 76mm (photo 2), with a special opening for the glazing
 round railtop, 50mm (photos 3,4), with a special opening for the glazing

Thanks to the use of rail top, crystalline railing system offers security and modern aesthetic shape. Rail tops are optional and are available at the same colour (electrostatic coating) as the covers of the profile. Rail tops are available in RAL, wood imitation, special coloration, anodized brushed (type inox).





Railtop wall support Fixation de main courante

Code	F85-402
Package Emballage	45 pcs.



Railtop wall support F50-200 Fixation de main courante F50-200

Code	4509Z
Package Emballage	20 pcs.



F85-200/201 gasket for glass 16mm Joint F85-200/201 pour vitrage 16mm



Code	F85-405M
Length / Longeur	50 m

I Railtop accessories / Accessoires de main courante



Railtop cap Capuchons de main courante

Code	F85-403
Package Emballage	80 pcs.



Railtop cap Capuchons de main courante

Code	F85-404
Package Emballage	80 pcs.



Railtop support F50-200

Support de main courante

F50-200

F85-451

25 pcs.

Code

Package Emballage

Code

Package Emballage

Railtop cap Capuchons de main courante

Code	4434
Package Emballage	50 pcs.



Railtop support F50-200

Support de main courante

F50-200

4148

12 pcs.

F85-201 Railtop connector Jonction de main courante F85-201

Code	4251
Package Emballage	40 pcs.

F85-200/201 gasket for glass 20mm Joint F85-200/201 pour vitrage 20mm



Code	EA 410-420
Length / Longeur	350 m

Railtop / Main courante







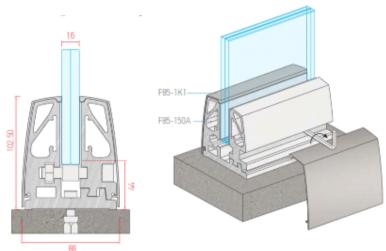




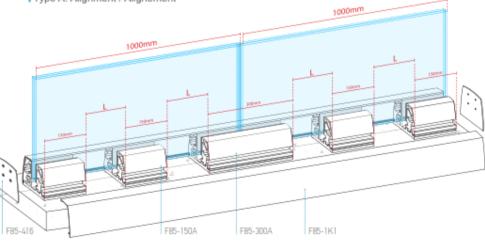
6 m

Type **A**

On-floor glass supporting system Système de base apparente supportant le vitrage (pose à la française)



Type A: Alignment / Alignement



I Profiles & Accessories / Profilés & Accssoires



Base cover Cache de la base

Code	F85-1K1
Weight / Polds	550 gr/m
Length / Longeur	6 m



Cap Capuchon

Code	F85-416
Package Emballage	20 pcs.



Cap Capuchon

Code	F85-416L
Package Emballage	20 pcs.

I Glass supporting base / Base supportant le vitrage

Bases iclude screws and pressure gaskets. Les bases incluent des vis et des joints de pression.

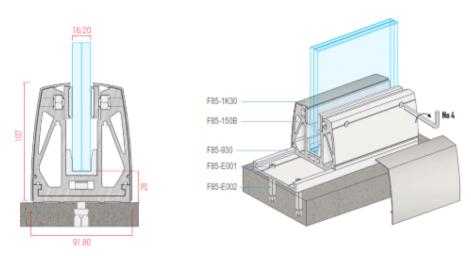


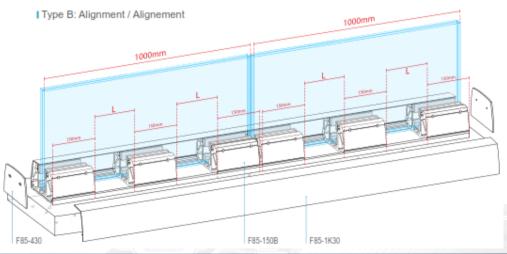
Code F85-150A
Package Emballage 12 pcs.



Package Emballage 6 pcs.

Type B Adjustable on floor glass supporting system Système de base apparente ajustable supportant le vitrage (pose à la française)











Code	F85-1K3
Weight / Polds	545 gr/m
Length / Longeu	r 6 m



Base guide Rail de la base

Code	F85-930
Weight / Poids	1565 gr/m
Length / Longeur	6 m



Cap Capuchon

Code	F85-430
Package Emballage	20 pcs.



Cap Capuchon

F85-430L (16mm) Code F85-430M (20mm) Package Emballage 20 pcs.

I Glass supporting base / Base supportant le vitrage

Bases iclude screws, gaskets and pressure plates. Les bases incluent des vis, des joints et des plaquettes de pression.



For glass 16mm* Pour vitrage 16mm*

F85-150B/16 Code Package Emballage 12 pcs.



For glass 20mm Pour vitrage 20mm

F85-150B/20 Code Package Emballage 12 pcs.

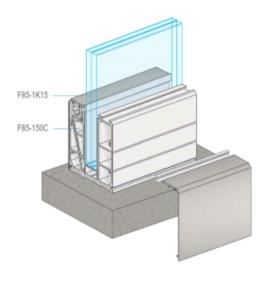
* in case of using a 16mm glass, cover gasket is compulsory. En cas de fixation d'un vitrage de 16mm, le joint des caches est indispensable.

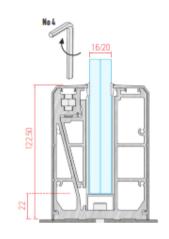


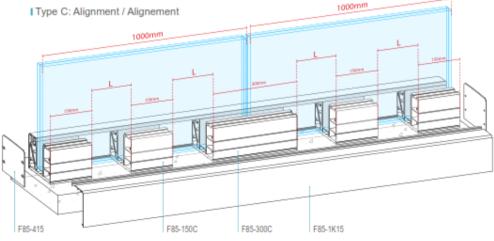
		ver gasket des cache:
	Code	F85-434
	Length	250 m

aches 5-434 250 m

Type C On-floor glass supporting system Système de base apparente supportant le vitrage (pose à la française)







I Profiles & Accessories / Profilés & Accssoires



Base cover Cache de la base F85-1K15

Weight / Poids 696 gr/m Length / Longeur 6 m

Code



Capuchon Code F85-415 Package

Emballage

20 pcs.



Cap Capuchon

F85-415L (16mm) Code

F85-415M (20mm)

Package Emballage 20 pcs.

I Glass supporting base / Base supportant le vitrage

Bases iclude screws and gaskets. Type C bases are used in both in-floor and on-floor systems.

Les bases incluent des vis et joints. Les bases de Type C sont utilisées en apparent aussi bien qu' en encastré.



F85-150C/16* F85-150C/20**

Package Emballage



F85-300C/16* Code F85-300C/20**

Package Emballage

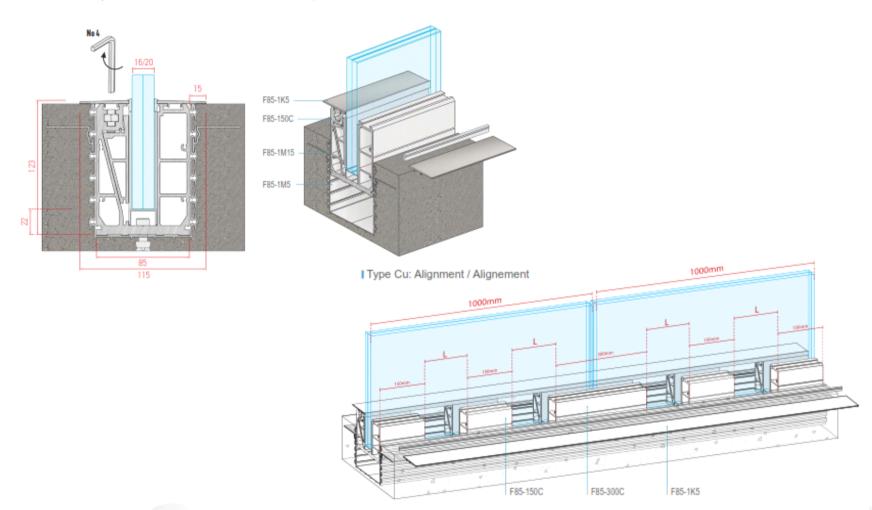
6 pcs.

12 pcs.

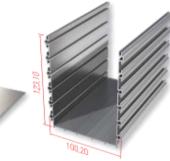
^{*} For glass 16mm / Pour vitrage 16mm

^{**} For glass 20mm / Pour vitrage 20mm

Type **Cu** In-floor glass supporting system Système encastré supportant le vitrage

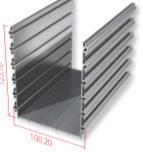


I Profiles & Accessories / Profilés & Accssoires



Base cover Cache de la base

Code	F85-1K5
Weight / Polds	295 gr/m
Length / Longeur	6 m



In-floor guide Rail encastré Code F85-1M5

End cap for in-floor guide

Capuchon pour le

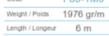
rail encastré

F85-425

20 pcs.

Code

Package Emballage





Additional profile Profilé additionnel

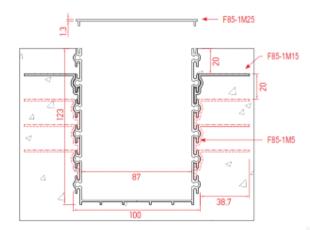
Code	F85-1M15
Weight / Polds	281 gr/m
Length / Longeur	6 m



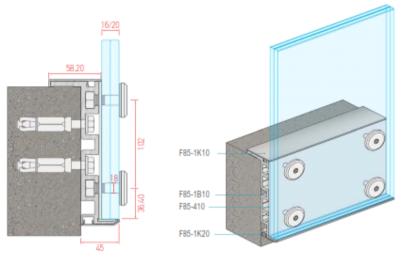
Cover for in-floor guide Cache pour le rail encastré

Code	F85-1M25
Weight / Polds	360 gr/m
Length / Longeur	6 m

I Mantling an in-floor guide / Monter un rail de base encastré



Type D External glass supporting system Système externe supportant le vitrage (en applique)



Type D: Alignment / Alignement

1000mm

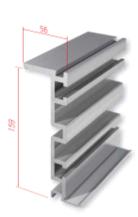
1000mm

F85-1B10

F85-1K20

F85-1K10

| Profiles & Accessories / Profilés & Accssoires



External base Base externe

Code	F85-	1B10
Weight / Poids	4740	gr/m
Length / Longeur	6	m



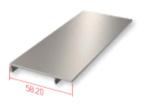
Base gasket Joint de base

Code	F85-437
Length / Longeur	200 m



Bottom cover Cache inférieur

Code	F00-1K20
Weight / Polds	220 gr/m
Length / Longeur	6 m



Upper cover Cache supérieur Code F85-1K10

Code	LOD-IVIO
Weight / Polds	366 gr/m
Length / Longeur	6 m



PVC sheet 1mm Feuille PVC 1mm

Code	F85-410
Color Couleur	White/Black Blance/Noir
Length / Longeur	2 m

I Fixing glass rosette Rosace pour fixation du vitrage



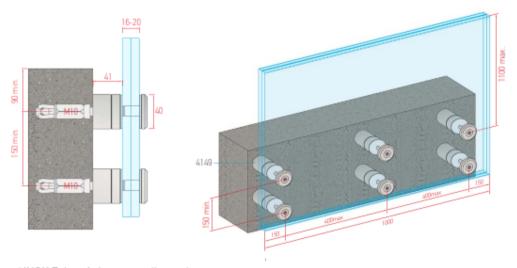
Fixing glass rosette 16mm Rosace pour fixation du vitrage 16mm

Code	F85-D016
Package / Emballage	20 pcs.

Fixing glass rosette 20mm Rosace pour fixation du vitrage 20mm

Code	F85-D020
Package / Emballage	20 pcs.

Type **Ds** INOX External glass supporting system INOX Système externe supportant le vitrage (en applique)



INOX External glass supporting system

INOX Système externe supportant le vitrage (en applique)



Fixing glass rosette 16-20mm Rosace pour fixation du vitrage

Code	4149
Package / Emballage	12 pcs.

*Glass hole / Trou du vitrage



Railtop support 16-20mm Support de main courante

Code	4148
Package / Emballage	12 pcs.

I Type A, B, C, Cu, D, Ds: Fixing screws / Vis de fixation



Allen screw M10x70 Inox Vis allen M10x70 Inox

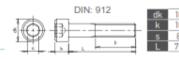
	Code	F85-E001
Ī	Package / Emballage	50 pcs.



Metallic moly plug Bouchon métallique

Code	F85-E002
Dackage / Embellage	50 per

Technical data allen screw DIN 912 Fiche technique vis allen DIN 912



CONTACT:

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