

catálogo general | catalogue général | general catalog

 **tamiluz**[®]

Arquitectura solar







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Arquitectura solar

“Sostenibilidad y máximo confort, reduciendo los consumos de energía mediante tecnologías pasivas”, es el objetivo de la arquitectura solar.

Para ello, proponemos una serie de sistemas inteligentes, diseñados para cubrir estas necesidades, que aportan un control eficiente de los rayos solares y ventilación natural.

Elementos con un alto valor estético y pensados para el futuro.

“Durabilité et confort maximal, en réduisant les consommations d’énergie à l’aide de technologies passives”, tel est l’objectif de l’architecture solaire.

Pour y parvenir, nous proposons une série de systèmes intelligents, conçus pour répondre à ces besoins, qui assurent un contrôle efficace du rayonnement solaire et garantissent une aération naturelle.

Des éléments de grande valeur esthétique et pensés pour l’avenir.

The objective of solar architecture is to achieve “sustainability and maximum comfort, reducing energy consumption through passive technologies”.

With this in mind, we propose a series of intelligent systems designed to cater for such needs, which provide an effective control of solar radiations as well as natural ventilation.

Elements with enormous aesthetic value, designed for the future.





Nuestra misión *Notre mission* Our mission



Aportar nuestra experiencia, de más de 30 años, en todos los proyectos que desarrollamos.

Ofrecer una atención personalizada y a medida, porque sabemos que cada proyecto es diferente.

Contribuir al cuidado de nuestro medio ambiente, utilizando materiales y procesos que lo respeten.

Beneficiar las prestaciones energéticas de los edificios, con sistemas que aportan un ahorro demostrable.

Garantizar un producto de máxima calidad, mediante sistemas de gestión integral.

Mettre notre expérience de plus de 30 ans au service de tous les projets que nous développons.

Offrir un traitement personnalisé et sur mesure, parce que nous savons que chaque projet est différent.

Contribuer à la protection de notre environnement, en utilisant des matériaux et des procédés qui le respectent.

Améliorer les performances énergétiques en bâtiment, à l'aide de systèmes permettant une économie démontrable.

Garantir un produit de qualité optimale, moyennant des systèmes de gestion intégrale.

To use our experience of over 30 years in all the projects we undertake.

To provide a personalized, custom services, since we know full well that each project is different.

To contribute environmentally through the use of respectful materials and processes.

To improve building's energy efficiency providing systems issuing accountable savings.

To guarantee a product of the highest quality, through integral management systems.







Nuestro perfil internacional esta avalado por proyectos en 4 continentes y mas de 20 países.

Notre profil international est avalisé par nos projets sur les 4 continents, dans plus de 20 pays.

Our international profile is supported by projects in 4 continents and more than 20 countries.

Un proyecto, una solución

Un projet, une solution

A project; a solution



Tamiluz ofrece a los arquitectos y consultores de fachadas todas las herramientas necesarias para el desarrollo de sus proyectos, tanto en soporte grafico como en fichas técnicas.

Un equipo técnico experimentado ofrece además asesoramiento personalizado para brindar soluciones a medida en cada proyecto en su fase de diseño.

Nuestra vocación innovadora nos permite estar receptivos a desarrollar soluciones especiales aportando la investigación y el desarrollo.

Un servicio técnico especializado en montajes aporta el soporte necesario en la fase de instalación garantizando la correcta puesta en obra de nuestros sistemas.

Tamiluz offre aux architectes et aux ingénieurs-consultants spécialisés dans les questions de façade tous les outils nécessaires pour mettre en œuvre leurs projets, sur support graphique et aussi sous forme de fiches techniques.

En outre, une équipe technique expérimentée leur prête des conseils personnalisés, pour apporter des solutions sur mesure lors de la phase conceptuelle de chaque projet.

Notre vocation d'innovation nous permet de demeurer réceptifs à la mise en œuvre de solutions spéciales, en assurant la recherche et le développement.

Un service technique spécialisé dans le montage fournit le soutien nécessaire durant la phase d'installation, garantissant ainsi la bonne exécution de nos systèmes.

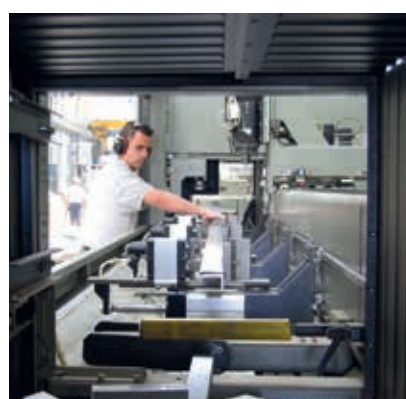
Tamiluz offers architects and façade consultants all the necessary tools to execute their projects, based on graphic elements and technical data sheets.

An experienced technical team which also offers customised advice in order to provide tailored solutions in the design phase of each project.

Our innovative approach makes us receptive to developing special solutions, through research and development.

A technical service that specialises in assemblies provides the necessary support during the installation phase, thereby guaranteeing that our systems are correctly placed on the site.





Aluminio

Perfiles de aluminio extrusionado, con aleaciones UNE AW-6063 (T5) o UNE AW-6060 (T5) y cumpliendo normas de control UNE-EN 755-2 & UNE-EN 573-3.

Accesorios de aluminio realizados con aleación UNE AW-5754
Testereros de aluminio inyectado .

Acabados del aluminio.

Son posibles todos los colores de la carta RAL, tanto brillo como mate, y de la carta futura para los lacados. Todos los perfiles se lacan bajo las directrices del sello europeo Qualicoat.

En anodizado es posible una gran variedad de tonos con un espesor estándar de 15 micras (opcional de 20 micras) y el proceso se realiza mediante las directrices del sello europeo Qualanod.

Aluminium

Profils en aluminium extrudé, avec alliages UNE AW-6063 (T5) ou UNE AW-6060 (T5), et conformes aux normes de contrôle UNE-EN 755-2 & UNE-EN 573-3.

Accessoires en aluminium – Alliage UNE AW-5754
Embouts en aluminium injecté.

Finitions de l'aluminium.

Toutes les couleurs du nuancier RAL sont disponibles, en brillant comme en mat, de même que celles de la carte Futura de finitions laquées. Tous les profils sont laqués conformément aux directives du label européen Qualicoat.

En anodisé, une grande variété de tons est possible, avec une épaisseur standard de 15 microns (20 microns en option), et le procédé est réalisé conformément aux directives du label européen Qualanod.

Aluminium

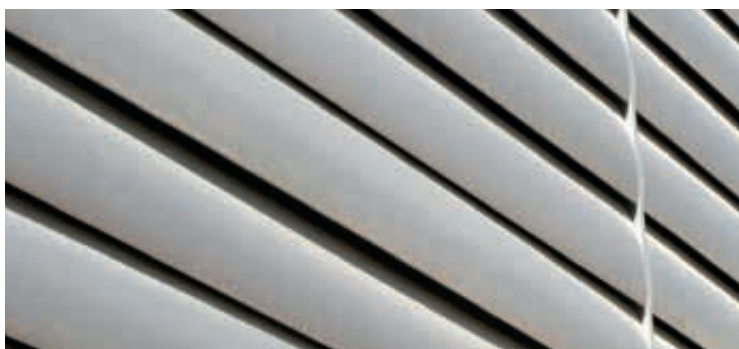
Extruded aluminium profiles, with UNE AW-6063 (T5) or UNE AW-6060 (T5) alloys that comply with the UNE-EN 755-2 & UNE-EN 573-3 control standards.

*Aluminium accessories made of UNE AW-5754 alloy.
Injected aluminium endplates.*

Aluminium finishes.

All the colours available in the RAL chart are possible with both matte and glossy finishes, and those available in the Futura chart for powder coating. All the profiles are coated pursuant to the directives of the European Qualicoat Standard.

For anodised products, a wide range of shades is possible, with a standard thickness of 15 microns (optional thickness of 20 microns). The process is applied based on the European Qualanod Standard.



Madera

Las especies que ofrecemos habitualmente son el Pino Douglas y el Cedro Rojo del Pacífico. También es posible la aplicación del Alerce, la Robinia, el Castaño y el pino modificado térmicamente. Estas maderas son obtenidas de explotaciones forestales controladas.

Es posible la aplicación de otras especies según requerimientos especiales evitando la utilización de tropicales o exóticas.

Acabados de madera

La madera se entrega con acabados de lasur de poro abierto, en aplicaciones de una mano o de 2 manos con lijado intermedio según requerimiento.

Bois

Les essences que nous proposons d'ordinaire sont le pin Douglas et le cèdre rouge du Pacifique. Il est également possible de faire appel au mélèze, au robinier, au châtaignier et au pin BMT (modifié thermiquement). Ces bois sont issus d'exploitations forestières contrôlées.

D'autres espèces peuvent être employées en fonction d'exigences spéciales, évitant ainsi d'utiliser des essences tropicales ou exotiques.

Finitions du bois

Le bois est livré en finitions Lasur, protection à pores ouverts, appliquée sur une ou deux couches, avec ponçage intermédiaire selon demande.

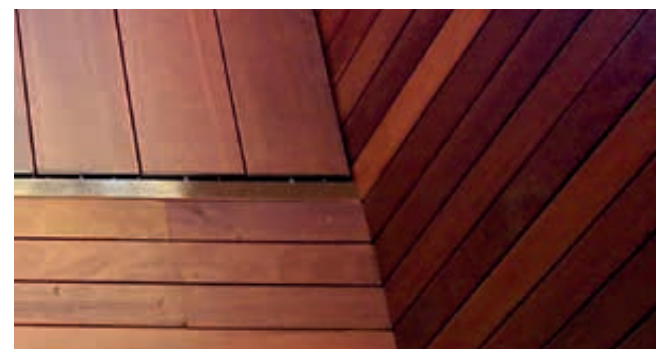
Wood

The species we usually offer are Douglas Pine and Pacific Red Cedar. Larch wood, Robinia, Chestnut and Thermally-modified pine can also be applied. These woods are obtained from controlled forest plantations.

Other species of wood can be used, based on special requirements and avoiding the use of tropical or exotic woods.

Wood finishes

The wood is delivered with open-pore Lasur finishes, in single-coat or 2-coat applications with intermediate sanding, as required.



HPL

Se trata de placas planas, producidas a base de resinas termoendurecibles, homogéneamente reforzadas con fibras basadas en madera y fabricada a alta presión.

Las placas tienen una superficie decorativa integrada y es extremadamente resistente a la intemperie. Un material sólido y duradero.

Acabados de HPL

Los paneles HPL están disponibles en una amplia gama de colores, efectos y texturas según cada fabricante.

HPL

Plaque plate produite à base de résines thermodurcissables, renforcés par des fibres de façon homogène à base de bois et fabriqué sous haute pression.

Les panneaux ont une surface décorative intégrée et sont extrêmement résistants aux intempéries. C'est un matériel solide et durable.

Finitions HPL

Les panneaux HPL sont disponibles dans un large éventail de couleurs, de textures et effets du fabricant.

HPL

These are flat panels made of thermo-hardened resins, evenly reinforced with fibres based on wood and manufactured at high pressure.

The panels have an integrated decorative surface and are extremely resistant to outdoor conditions. This is a solid, durable material.

HPL finishes

The HPL panels are available in a wide range of colours, effects and textures, depending on each manufacturer.



Accesorios en Nylon

Se fabrican en Poliamida 6 (PA6) con aditivos para protección contra los rayos UV. Este material tiene como propiedades principales: rango de trabajo entre $-40^{\circ}\text{C} + 90^{\circ}\text{C}$, alta resistencia mecánica, buena resistencia a la fatiga, resistencia sobresaliente al desgaste y es autoextinguible.

Accessoires en nylon

Ils sont en polyamide 6 (PA6) contenant des additifs de protection contre les rayons UV. Les propriétés principales de cette matière sont les suivantes : température de travail de $-40^{\circ}\text{C} + 90^{\circ}\text{C}$, résistance mécanique élevée, bonne résistance à la fatigue, résistance supérieure à l'usure et autoextinguibilité.

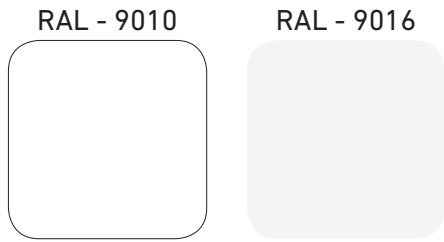
Nylon Accessories

Made of Polyamide 6 (PA6) with additives for protection from UV radiation. This material has the following basic properties: temperature range of between $-40^{\circ}\text{C} + 90^{\circ}\text{C}$, high mechanical resistance, good fatigue resistance, excellent resistance to wear and self-extinguishing.

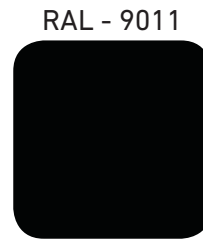


Acabados Estandar | *Palette Standard* | Standard Finishings

Acabados Blancos | *Palette Blanc* | White Finishings



Acabado Negro Satinado | *Palette Noir Satiné* | Satin Black Finish



RAL Brillantes | *RAL Brillants* | Bright RAL



Acabado Anonizado | *Finition Anodisée* | Anodized Finishing

Anodizado Plata Mate
Argent satiné (AS)
Satin Silver



Todos los colores indicados son a título de información y no contractuales
Toutes les couleurs reproduits sont indicatives et non contractuelles
All colours shown are only indicative and non contractual

Persianas y Celosías
Persiennes et volets
Shutters

vivienda plurifamiliar | *habitat collectif* | apartment block
A53.14/60T
LLTR Architectev
Begles (France)

Lamas Fijas Enmarcadas de Aluminio
Lames Fixes Encastrées en Aluminium
Aluminium Framed Fixed Blades





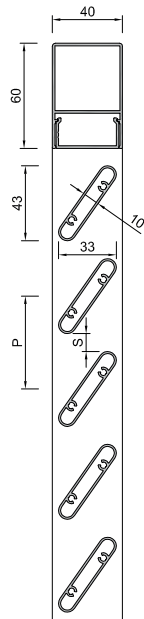
vivienda plurifamiliar | *habitat collectif* | apartment block
A36.12.90/L50
Pablo Katz Architecture
Paris XIV (France)

celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

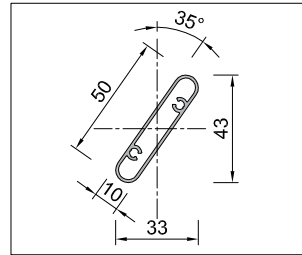
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

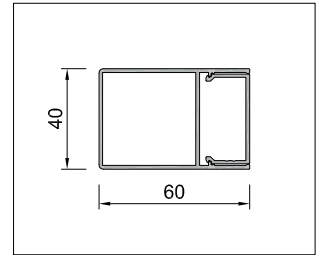
A50.10.35/60T



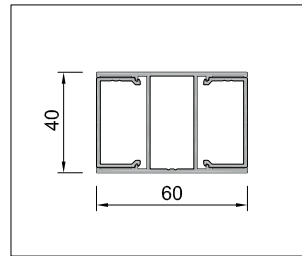
A50.10.35



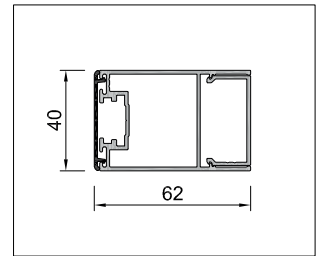
60T



TV-60T



60SCT + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

11 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1380 mm, sin travesaño intermedio, 1380 mm, sans traverse intermédiaire, 1380 mm, without intermediate transom

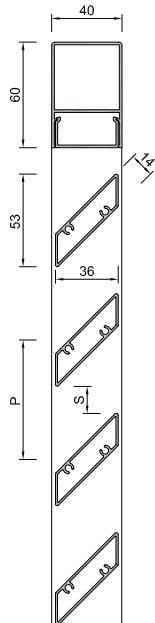
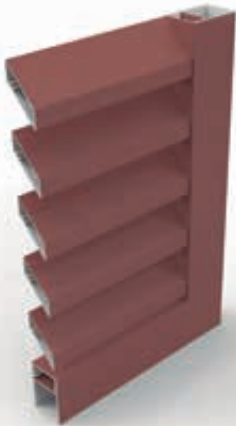
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 10 mm)

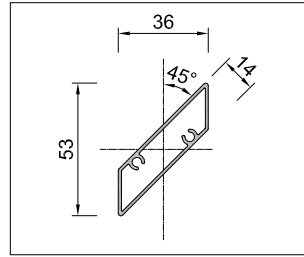
Soluciones constructivas | solutions constructives | constructive solutions



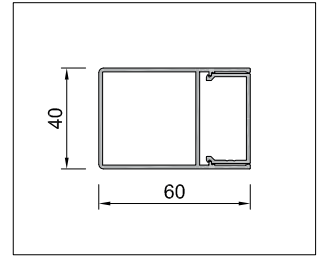
A53.14/60T



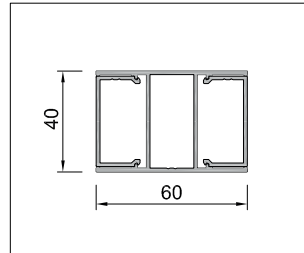
A53.14



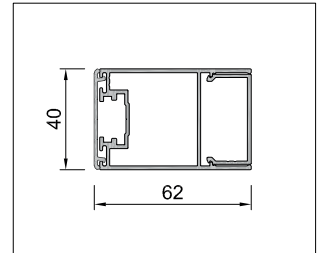
60T



TV-60T



60SCT + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

10.2 kg/m²

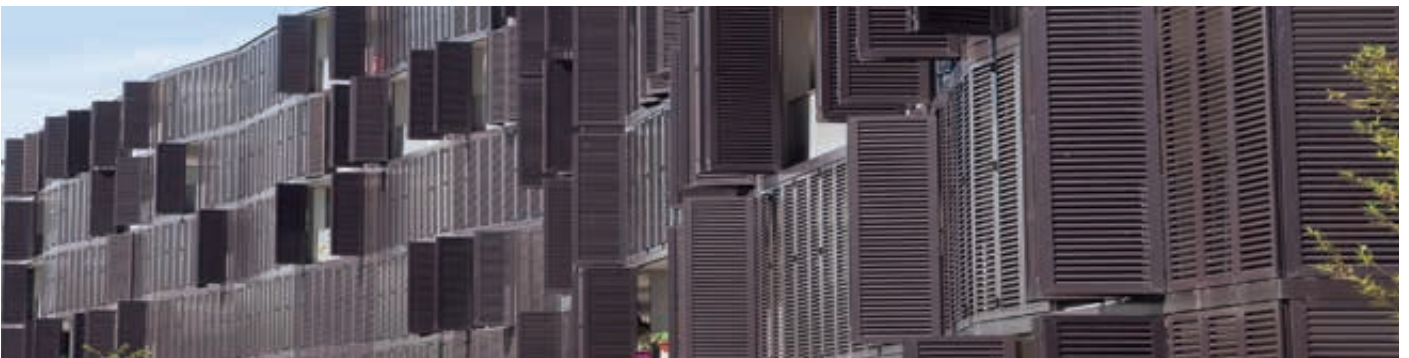
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 15 mm)

Soluciones constructivas | solutions constructives | constructive solutions

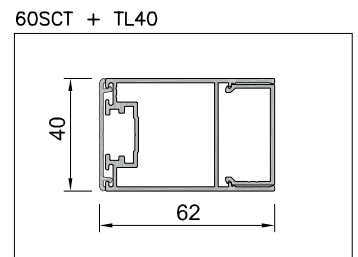
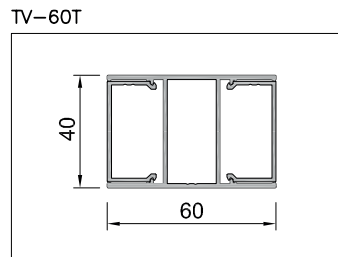
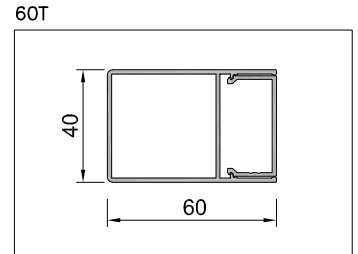
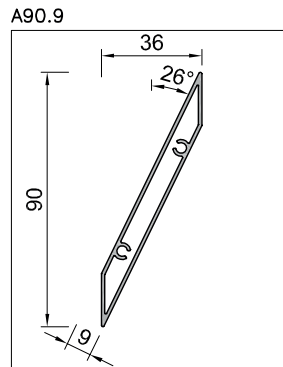
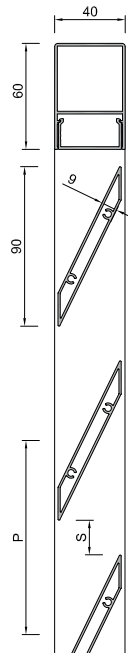


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

A90.9/60T



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

8.4 kg/m²

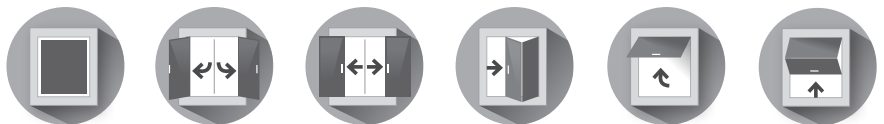
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

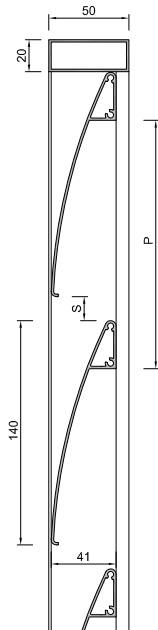
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 20 mm)

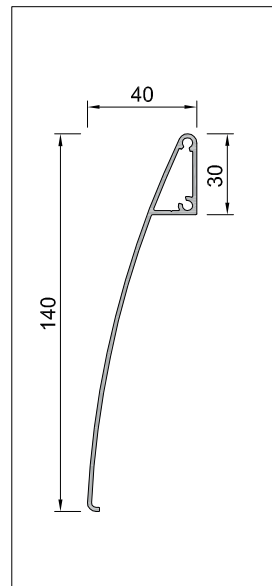
Soluciones constructivas | solutions constructives | constructive solutions



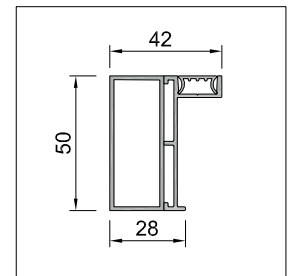
C140/50.20L



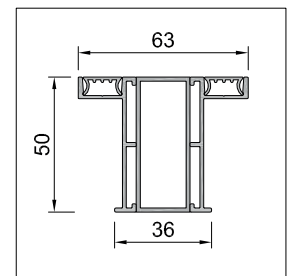
C140



50.20L



TV-50.20L



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-50.20L

Travesaños verticales / Traverses verticales / Vertical transoms

TV-50.20L

Peso del sistema / Poids du système / System weight

10.2 kg/m²

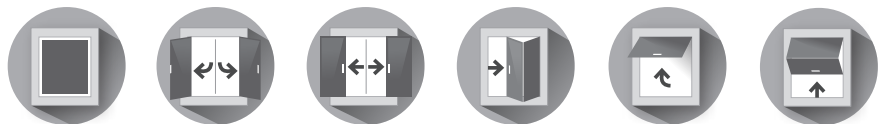
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 15 mm)

Soluciones constructivas | solutions constructives | constructive solutions

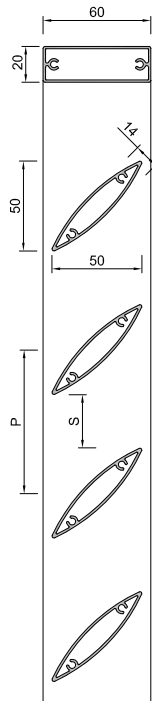


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

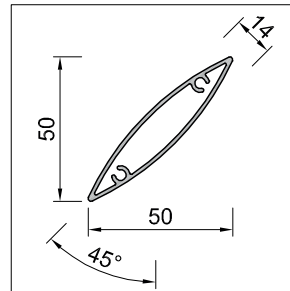
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

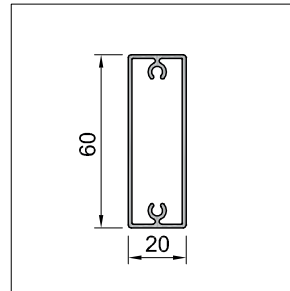
ALT70.45/P60



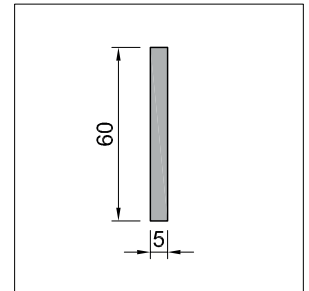
ALT70.45



A60.20



P60



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Peso del sistema / Poids du système / System weight

9.5 kg/m²

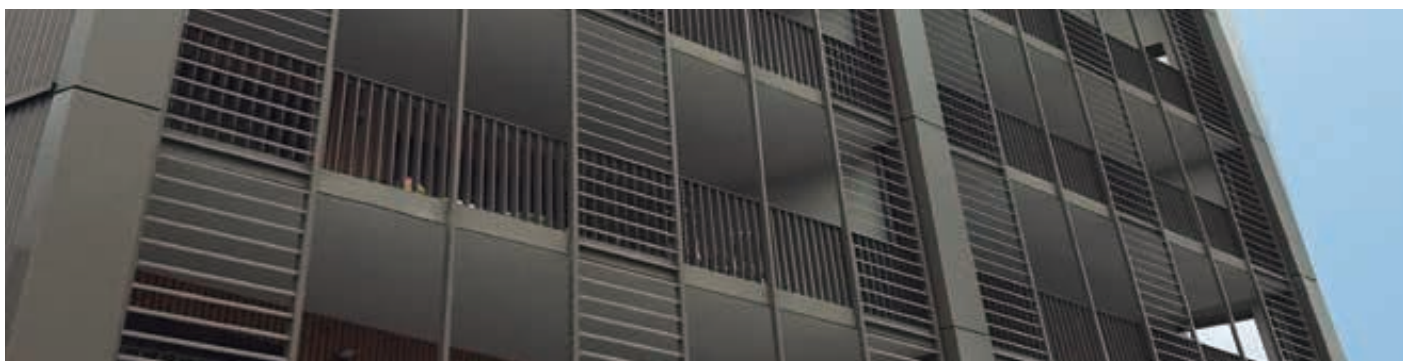
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1200mm, sin travesaño intermedio, 1200mm, sans traverse intermédiaire, 1200mm, without intermediate transom

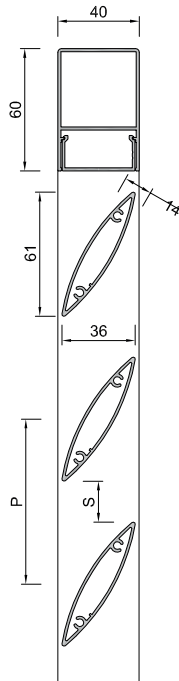
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 30 mm)

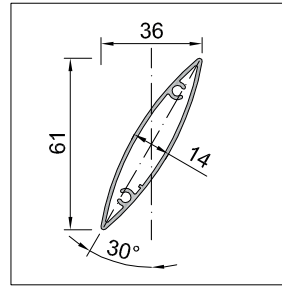
Soluciones constructivas | solutions constructives | constructive solutions



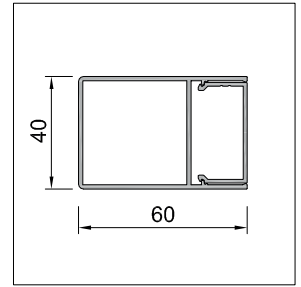
ALT70.30/60T



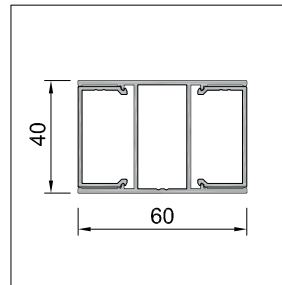
ALT70.30



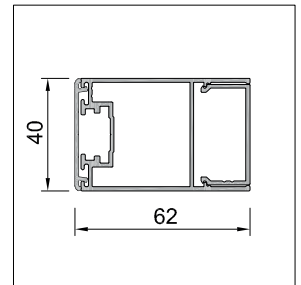
60T



TV-60T



60SCT + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

9.0 kg/m²

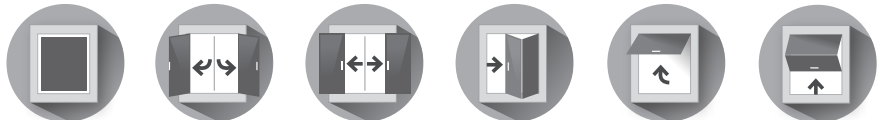
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1200 mm, sin travesaño intermedio, 1200 mm, sans traverse intermédiaire, 1200 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 20 mm)

Soluciones constructivas | solutions constructives | constructive solutions







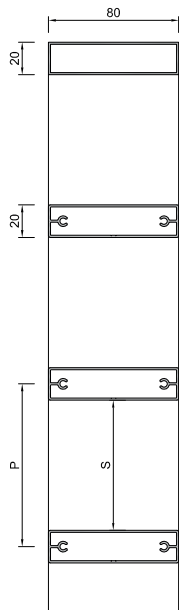
vivienda plurifamiliar | *habitat collectif* | apartment block
A37.36/L50
Comte Vollenweider Architectes
Nice (France)

celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

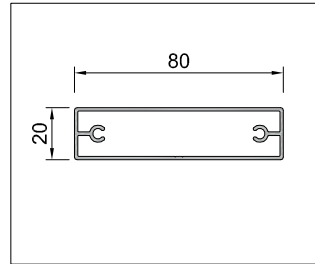
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

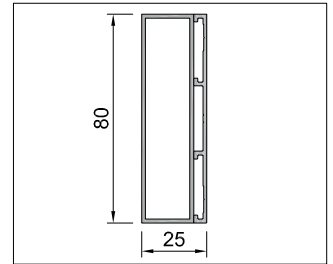
A80.20.90/80.20H



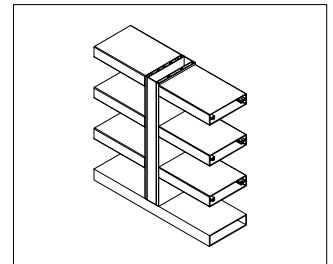
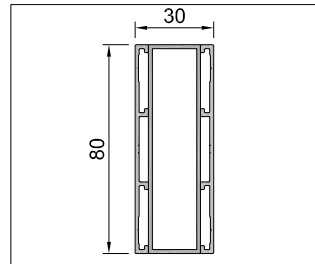
A80.20.90



80.20H



TV-80.20H



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-80.20H

Travesaños verticales / Traverses verticales / Vertical transoms

TV-80.20H

Peso del sistema / Poids du système / System weight

12.5 kg/m²

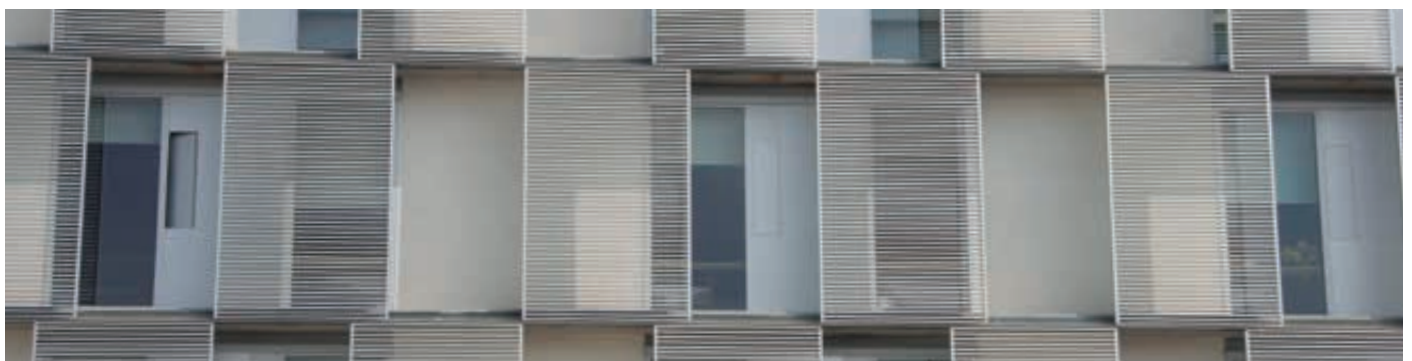
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1700 mm, sin travesaño intermedio, 1700 mm, sans traverse intermédiaire, 1700 mm, without intermediate transom

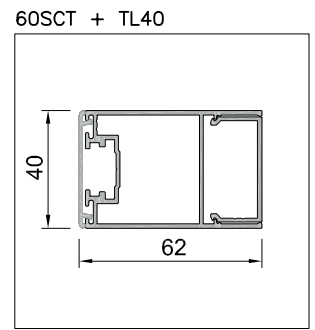
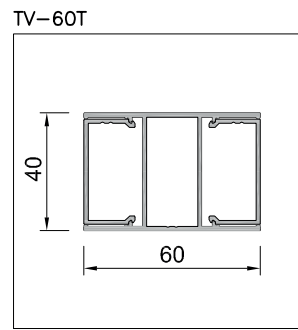
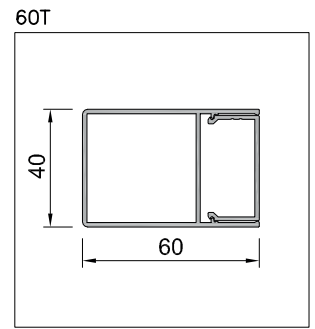
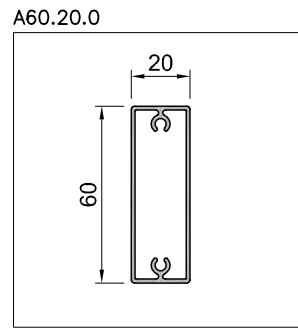
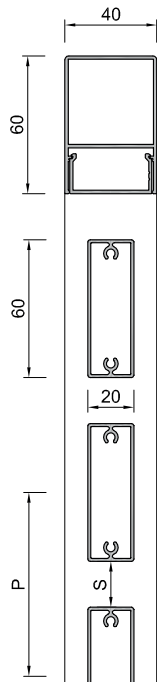
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 80 mm)

Soluciones constructivas | solutions constructives | constructive solutions



A60.20.0/60T



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

10.0 kg/m²

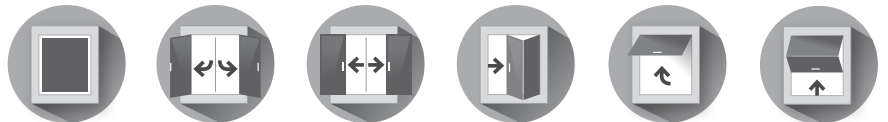
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 25 mm)

Soluciones constructivas | solutions constructives | constructive solutions

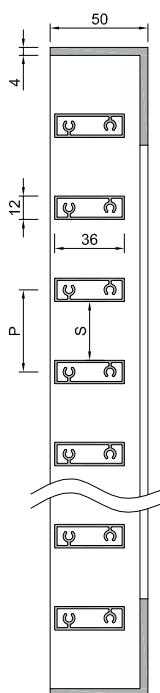


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

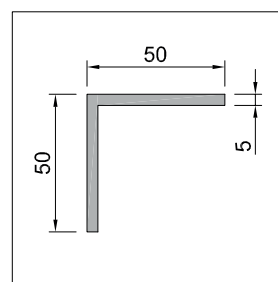
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

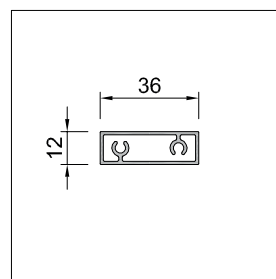
A36.12.90/L50



L50



A36.12.90



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Peso del sistema / Poids du système / System weight

12.1 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

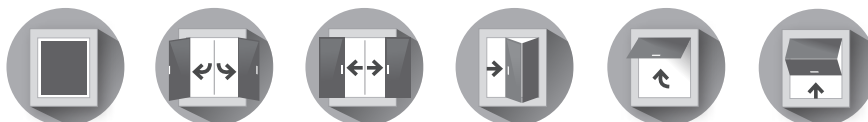
1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

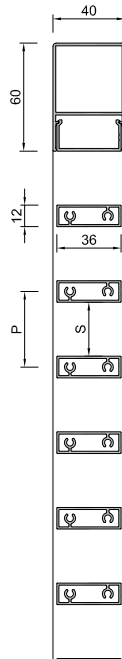
Variable (standard 30 mm)



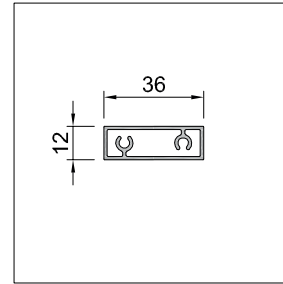
Soluciones constructivas | solutions constructives | constructive solutions



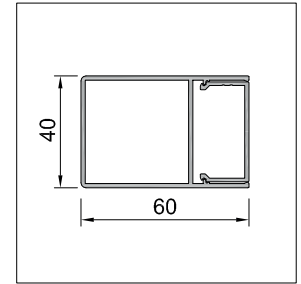
A36.12.90/60T



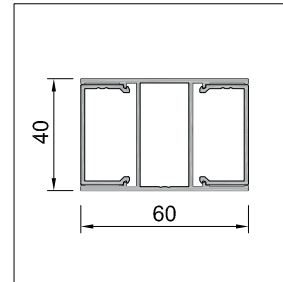
A36.12.90



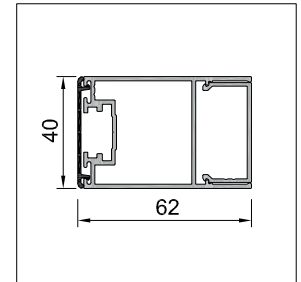
60T



TV-60T



60SCT + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

12.4 kg/m²

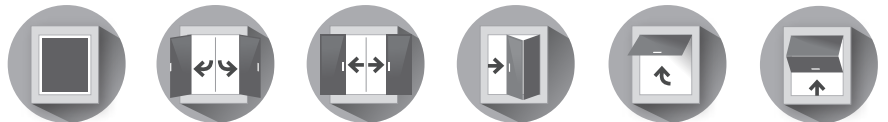
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 30 mm)

Soluciones constructivas | solutions constructives | constructive solutions

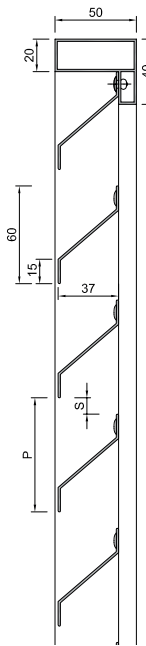


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

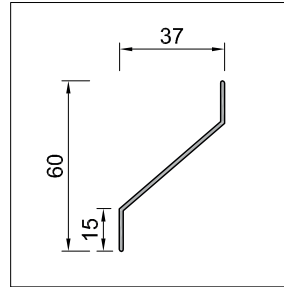
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

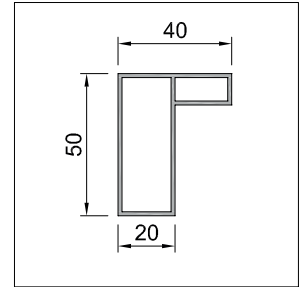
Z60.37/40.50L



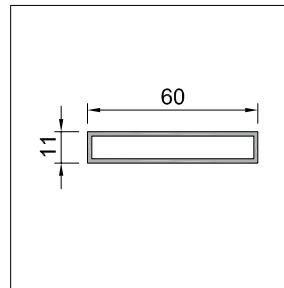
Z60.37



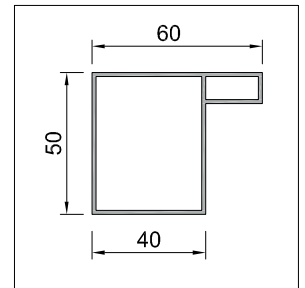
40.50L



TV-60.11



60.50L



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60.11/TH-60.50L

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60.11/TV-60.50L

Peso del sistema / Poids du système / System weight

6.7 kg/m²

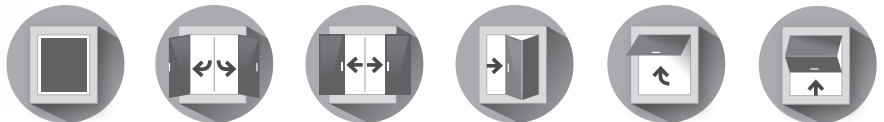
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1000 mm, sin travesaño intermedio, 1000 mm, sans traverse intermédiaire, 1000 mm, without intermediate transom

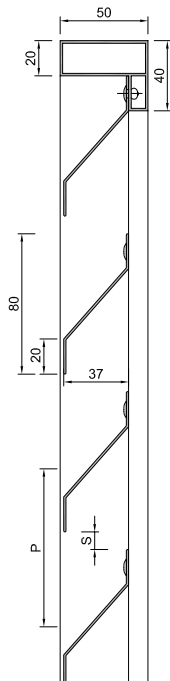
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 10 mm)

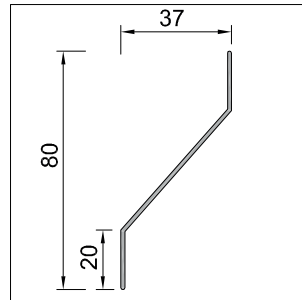
Soluciones constructivas | solutions constructives | constructive solutions



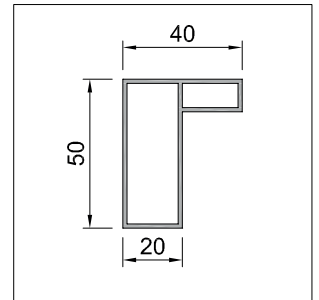
Z80.37/40.50L



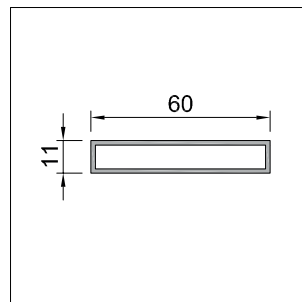
Z80.37



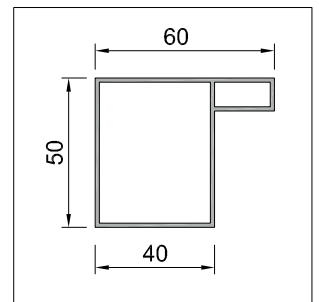
40.50L



TV-60.11



60.50L



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60.11 / TH-60.50L

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60.11 / TV-60.50L

Peso del sistema / Poids du système / System weight

6.3 kg/m²

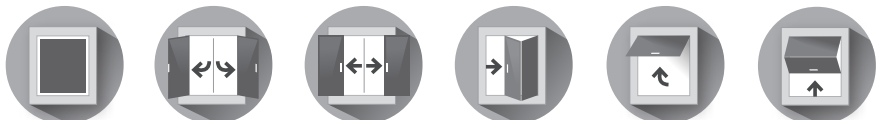
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1000 mm, sin travesaño intermedio, 1000 mm, sans traverse intermédiaire, 1000 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 10 mm)

Soluciones constructivas | solutions constructives | constructive solutions

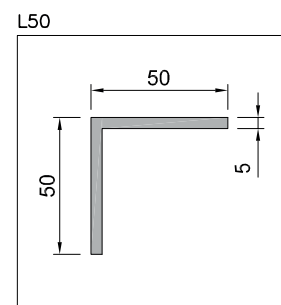
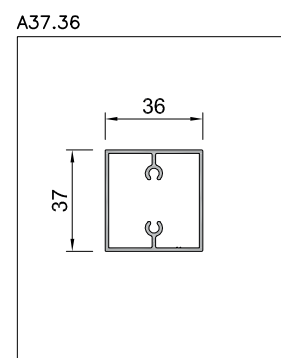
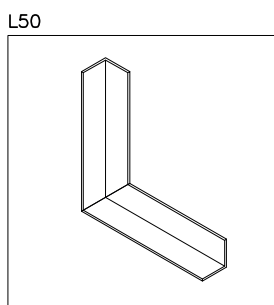
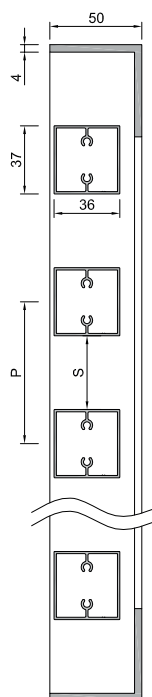


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

A37.36/L50



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Peso del sistema / Poids du système / System weight

11.5 kg/m²

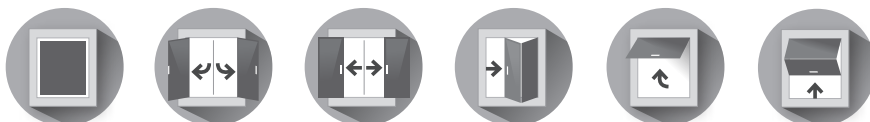
Longitud máxima de lama / Longueur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

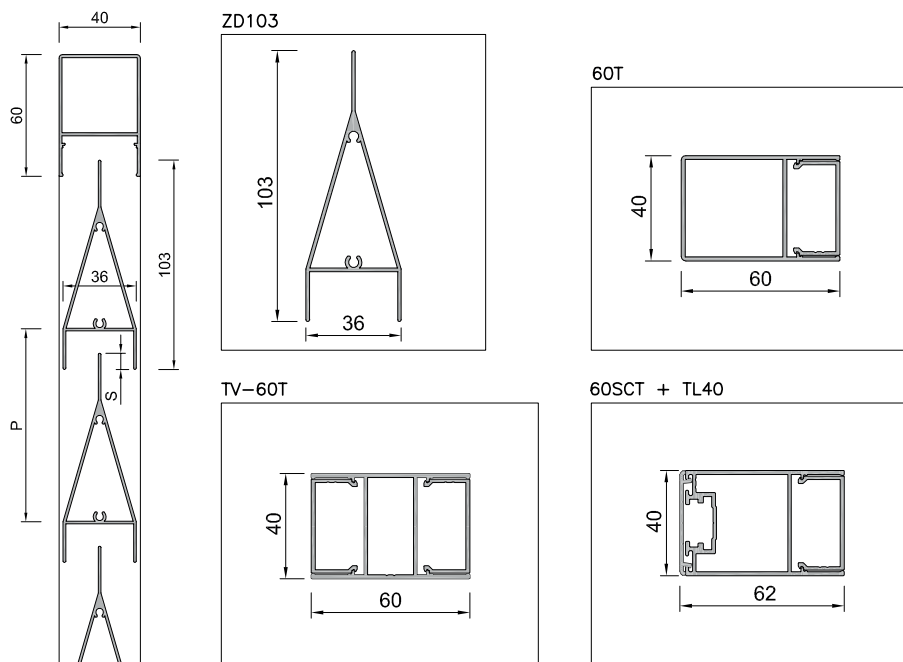
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 30 mm)

Soluciones constructivas | solutions constructives | constructive solutions



ZD103/60T



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60T

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60T

Peso del sistema / Poids du système / System weight

12.2 kg/m²

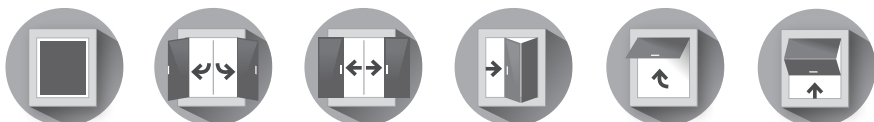
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

2650 mm, sin travesaño intermedio, 2650 mm, sans traverse intermédiaire, 2650 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 8 mm)

Soluciones constructivas | solutions constructives | constructive solutions

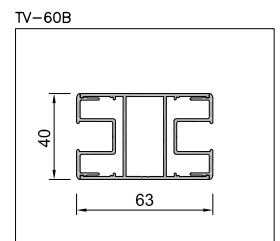
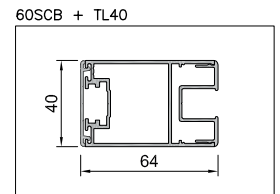
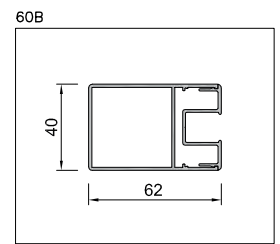
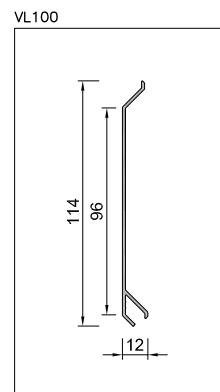
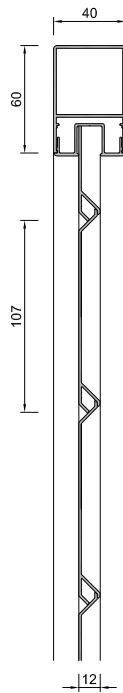


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

modelos | modèles | models

VL100/60B



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60B

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60B

Peso del sistema / Poids du système / System weight

8.0 kg/m²

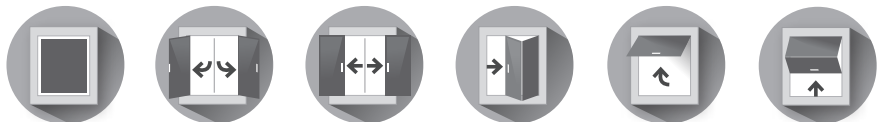
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

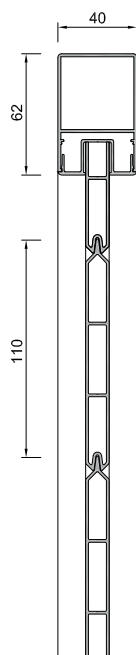
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

0 mm

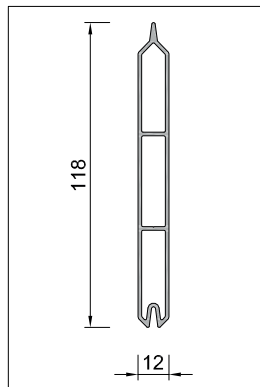
Soluciones constructivas | solutions constructives | constructive solutions



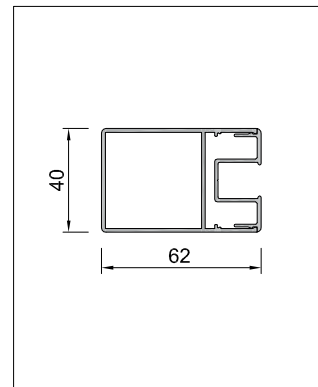
OP100/60B



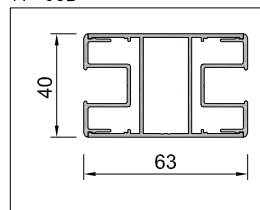
OP100



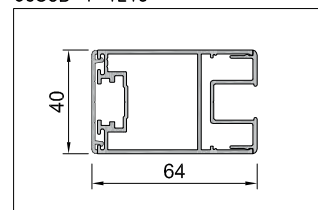
60B



TV-60B



60SCB + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-60B

Travesaños verticales / Traverses verticales / Vertical transoms

TV-60B

Peso del sistema / Poids du système / System weight

11.5 kg/m²

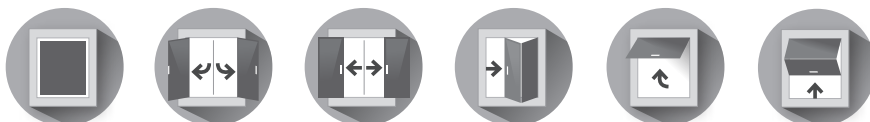
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

-7 mm

Soluciones constructivas | solutions constructives | constructive solutions

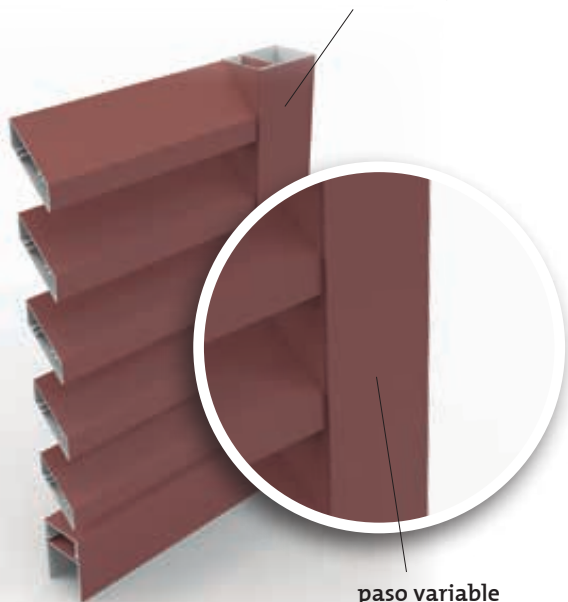


celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

fijación de lama oculta
fixation de lame non-visible
hidden blade binding



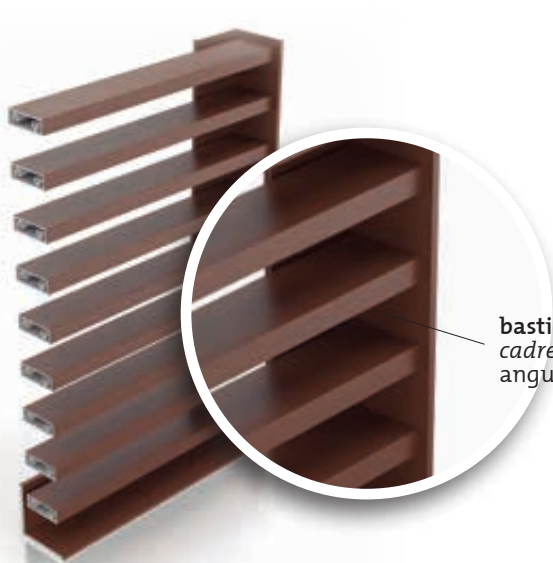
paso variable
écart variable
variable pitch

celosía opaca - oscurecimiento del 100%
volet opaque - 100% d'assombrissement
opaque blind - darkening of 100%

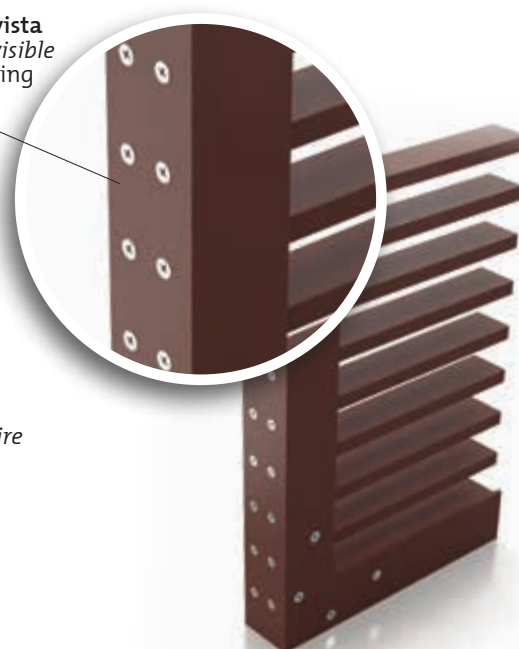


bastidor tubular
cadre de type tubulaire
tubular type frame

fijación de lama vista
fixation de lame visible
visible blade binding



bastidor angular
cadre de type angulaire
angular type frame



celosías | volets | fixed shutters
ALUMINIO | ALUMINIUM | ALUMINIUM

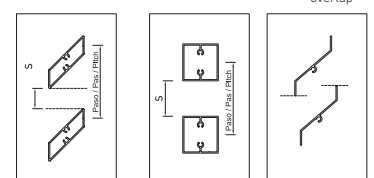
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades
 modelos | modèles | models

				opciones options options					
bastidor cadre frame	lama lame blade	modelos modèles models		E	soluciones constructivas solutions constructives constructive solutions	ancho máximo largeur max width max (mm)*	S (estándar) S (standard) S (standard)	paso variable pas variable variable pitch	solape chevauchement overlap
60.40L 60.40SCL	Z60.27	Z60.27/60.40L	Z60.27/60.40SCL	40mm	●	1000	10	↕	✓
					●			↕	✓
60B 60SCB	OP100	OP100/60B	OP100/60SCB	40mm	●	2000	-7		✓
	VL100	VL100/60B	VL100/60SCB		●	1300	-7		✓
60T 60SCT	A35.8.0	A35.8.0/60T	A35.8.0/60SCT	40mm	●	1200	32	↕	
	A35.8.30	A35.8.30/60T	A35.8.30/60SCT		●	1200	0	↕	✓
	A36.12.0	A36.12.0/60T	A36.12.0/60SCT		●	1500	15	↕	
	A36.12.35	A36.12.35/60T	A36.12.35/60SCT		●	1500	5	↕	✓
	A36.12.45	A36.12.45/60T	A36.12.45/60SCT		●	1500	10	↕	✓
	A36.12.90	A36.12.90/60T	A36.12.90/60SCT		●	1500	30	↕	
	A37.20.0	A37.20.0/60T	A37.20.0/60SCT		●	1500	20	↕	
	A37.20.90	A37.20.90/60T	A37.20.90/60SCT		●	1500	30	↕	
	A37.36	A37.36/60T	A37.36/60SCT		●	1500	40	↕	
	RD38	RD38/60T	RD38/60SCT		●	1500	30	↕	
	A50.10.0	A50.10.0/60T	A50.10.0/60SCT		●	1500	15	↕	
	A50.10.35	A50.10.35/60T	A50.10.35/60SCT		●	1500	10	↕	✓
	A53.14	A53.14/60T	A53.14/60SCT		●	1500	15	↕	✓
	A60.20.0	A60.20.0/60T	A60.20.0/60SCT		●	1500	25	↕	
	A62.14	A62.14/60T	A62.14/60SCT		●	1500	5	↕	✓
	ALT70.30	ALT70.30/60T	ALT70.30/60SCT		●	1500	20	↕	✓
	A80.20.0	A80.20.0/60T	A80.20.0/60SCT		●	1700	25	↕	
	A90.9	A90.9/60T	A90.9/60SCT		●	1500	20	↕	✓
	A97.9	A97.9/60T	A97.9/60SCT		●	1500	10	↕	✓
	A95.37	A95.37/60T	A95.37/60SCT		●	1500	25	↕	✓
ZD103	ZD103/60T	ZD103/60SCT	●	2000	-8	↕	✓		
L50	A36.12.90	A36.12.90/L50		50mm	▲	1500	30	↕	
	A37.20.90	A37.20.90/L50			▲	1500	30	↕	
	A37.36	A37.36/L50			▲	1500	40	↕	
50.20L	C140	C140/50.20L		50mm	▲	1500	15	↕	✓
40.50L 60.50L	Z60.37	Z60.37/40.50L	Z60.37/60.50L		▲	1200	10	↕	✓
	Z80.37	Z80.37/40.50L	Z80.37/60.50L		▲	1200	10	↕	✓
	Z120.37	Z120.37/40.50L	Z120.37/60.50L	▲	1200	15	↕	✓	
L60	A50.10.90	A50.10.90/L60		60mm	▲	1500	40	↕	
P60	A60.20.90	A60.20.90/P60			▲	1500	40	↕	
	ALT70.30	ALT70.30/P60			▲	1500	20	↕	✓
	ALT70.45	ALT70.45/P60			▲	1500	30	↕	✓
80.20H	ALT70.90	ALT70.90/80.20H		80mm	▲	1500	66	↕	
	A80.20.90	A80.20.90/80.20H		80mm	▲	1700	80	↕	

* Ancho máximo sin travesaños vertical | * largeur max sans montant central | * maximum width without vertical transom

solape
chevauchement
overlap

- E= espesor bastidor | épaisseur de cadre | frame thickness
 soluciones constructivas | solutions constructives | constructive solutions
 ■ marco fijo | cadre fixe | fixed frame
 ▲ fijo y corredera | fixe & coulissant | fixe & sliding
 ● todas | tous | all





hotel | *hôtel* | hotel
A50.10/L60
GCA Arquitectes
Barcelona



Residencia Escalante
A53.14/60SCT
Robles Arquitectura
San José (Costa Rica)



vivienda plurifamiliar | *habitat collectif* | apartment block
Z60.37/40.50L
Atelier 5 Architectes Associes
Toulon (France)



Lamas Fijas Contínuas de Aluminio
Lames Fixes Filantes en Aluminium
Aluminium Continuous Fixed Blades





parque de bomberos | caserne de pompiers | fire station
A37.20.90/40SC.P
Alejandra Sainz & José Ramón Saiz Fouz Arquitectos
Santander

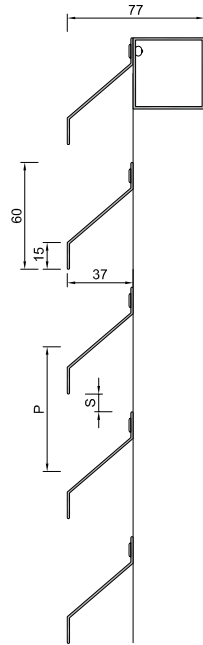
celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

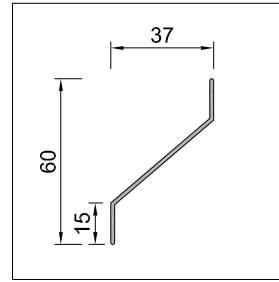
laminas fijas continuas | lames fixes filantes | continuous fixed blades

modelos | modèles | models

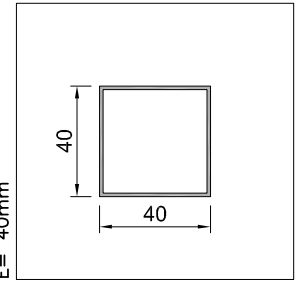
Z60.37/40N



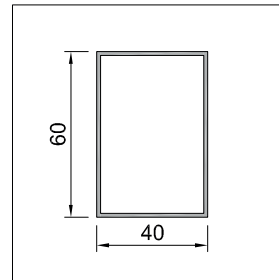
Z60.37



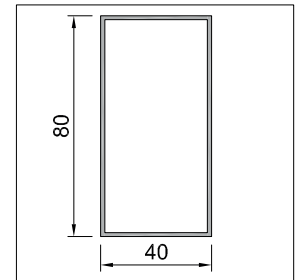
40N



60N



80N



E= espesor bastidor | épaisseur de cadre | frame thickness

Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-40N

Travesaños verticales / Traverses verticales / Vertical transoms

TV-40N

Peso del sistema / Poids du système / System weight

6.7 kg/m²

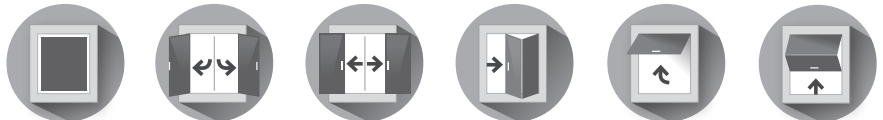
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1000 mm, sin travesaño intermedio, 1000 mm, sans traverse intermédiaire, 1000 mm, without intermediate transom

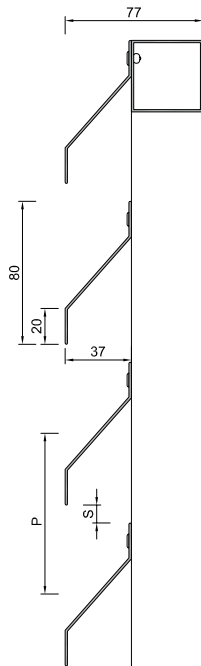
Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 10 mm)

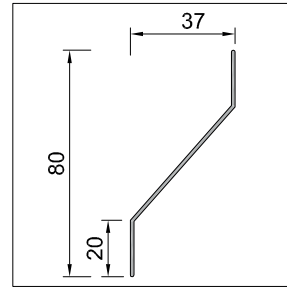
Soluciones constructivas | solutions constructives | constructive solutions



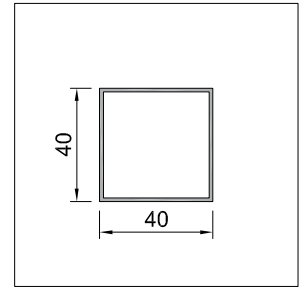
Z80.37/40N



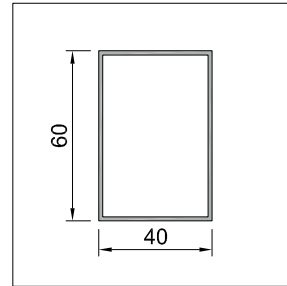
Z80.37



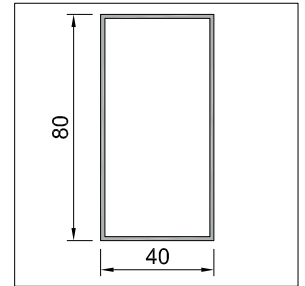
40N



60N



80N



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños horizontales / Traverses horizontales / Horizontal transoms

TH-40N

Travesaños verticales / Traverses verticales / Vertical transoms

TV-40N

Peso del sistema / Poids du système / System weight

6.3 kg/m²

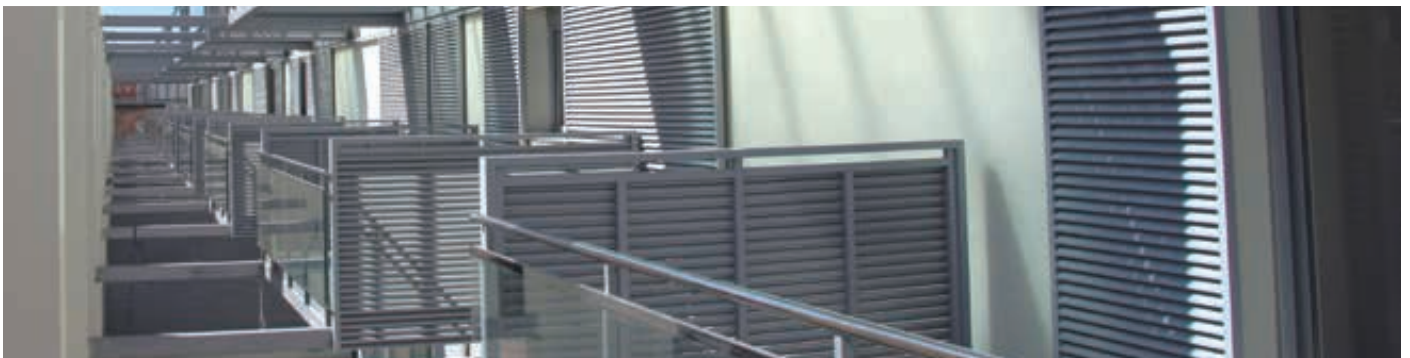
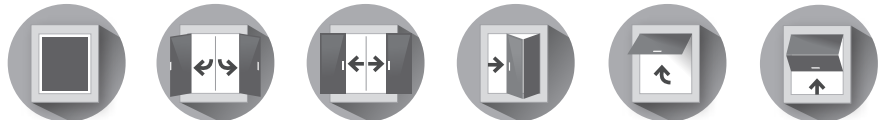
Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1000 mm, sin travesaño intermedio, 1000 mm, sans traverse intermédiaire, 1000 mm, without intermediate transom

Separación entre lamas S / Séparation entre lames S / Gap between blades, S

Variable (standard 10 mm)

Soluciones constructivas | solutions constructives | constructive solutions



celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

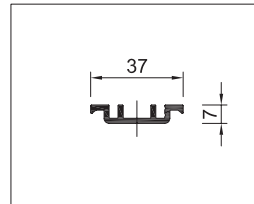
laminas fijas continuas | lames fixes filantes | continuous fixed blades

modelos | modèles | models

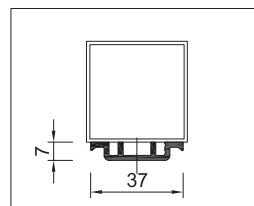
Z80.37/40N



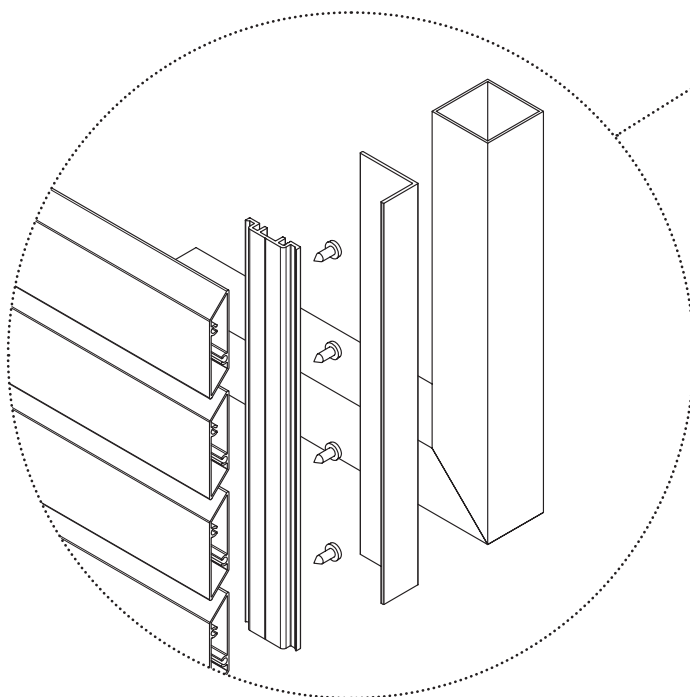
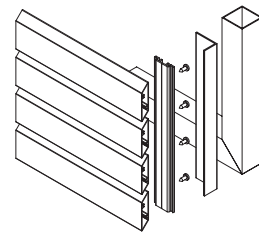
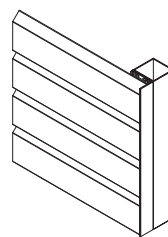
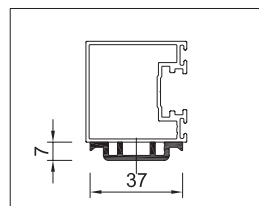
Pletina F0C



40N.P



40SC.P



détalle montaje lama continua
détail du montage lame filante
assembly detail continuous blade

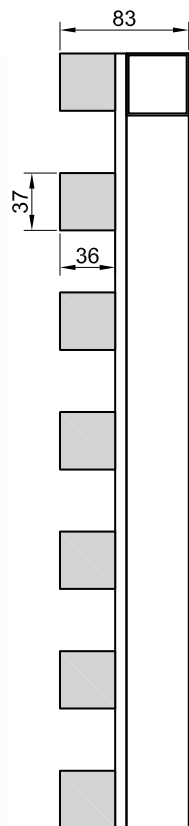
celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

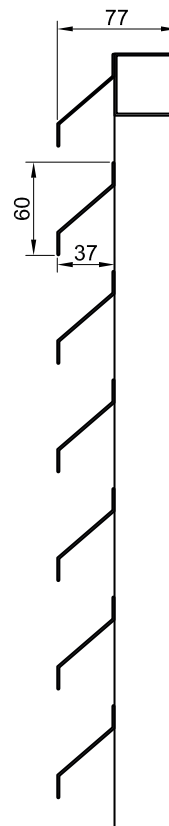
laminas fijas continuas | lames fixes filantes | continuous fixed blades

modelos | modèles | models

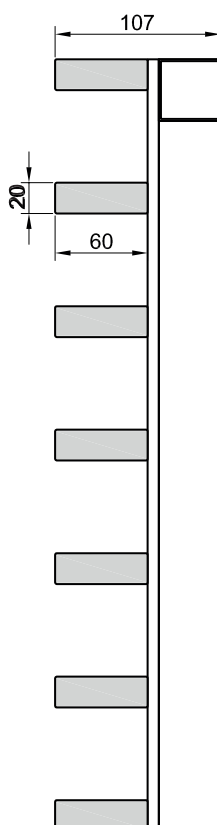
A37.36/40N.P



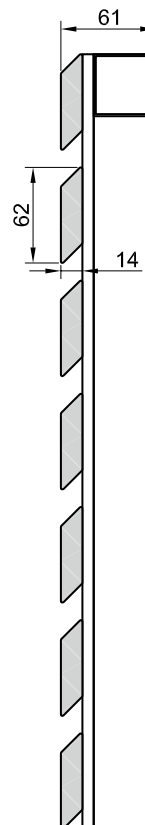
Z60.37/40N



A60.20.90/40N



A62.14/40N



celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

lamas fijas continuas | lames fixes filantes | continuous fixed blades

modelos | modèles | models

bastidor cadre frame	lama lame blade	modelos modèles models		E	soluciones constructivas solutions constructives constructive solutions	ancho máximo largeur max width max (mm)*	S (estándar) S (standard) S (standard)	opciones options options	
								paso variable pas variable variable pitch	solape chevauchement overlap
40N	Z60.37	Z60.37/40N		77mm	■	1000	0	↕	✓
	Z80.37	Z80.37/40N			■	1100	0	↕	✓
	Z120.37	Z120.37/40N			■	1200	0	↕	✓
60N	Z60.37	Z60.37/60N		77mm	■	1000	0	↕	✓
	Z80.37	Z80.37/60N			■	1100	0	↕	✓
	Z120.37	Z120.37/60N			■	1200	0	↕	✓
40SC	Z60.37	Z60.37/40SC		77mm	▲	1000	0	↕	✓
	Z80.37	Z80.37/40SC			▲	1100	0	↕	✓
	Z120.37	Z120.37/40SC			▲	1200	0	↕	✓
60SC	Z60.37	Z60.37/60SC		77mm	▲	1000	20	↕	✓
	Z80.37	Z80.37/60SC			▲	1100	20	↕	✓
	Z120.37	Z120.37/60SC			▲	1200	0	↕	✓
40N.P 40SC.P	A36.12.0	A36.12.0/40N.P	A36.12.0/40SC.P	59 mm	▲	1500	15	↕	
	A37.20.0	A37.20.0/40N.P	A37.20.0/40SC.P	67 mm	▲	1500	20	↕	
	A37.20.90	A37.20.90/40N.P	A37.20.90/40SC.P	84 mm	▲	1500	30	↕	
	A37.36	A37.36/40N.P	A37.36/40SC.P	83 mm	▲	1500	35	↕	
	A60.20.0	A60.20.0/40N.P	A60.20.0/40SC.P	67 mm	▲	1500	25	↕	
	A60.20.90	A60.20.90/40N.P	A60.20.90/40SC.P	107 mm	▲	1500	40	↕	
	A62.14	A62.14/40N.P	A62.14/40SC.P	61 mm	▲	1500	5	↕	✓
	A80.20.0	A80.20.0/40N.P	A80.20.0/40SC.P	67 mm	▲	1700	25	↕	
	A80.20.90	A80.20.90/40N.P	A80.20.90/40SC.P	127 mm	▲	1500	60	↕	
	A95.37	A95.37/40N.P	A95.37/40SC.P	84 mm	▲	2000	25	↕	✓
	A97.9	A97.9/40N.P	A97.9/40SC.P	56 mm	▲	1500	20	↕	✓
	C140	C140/40N.P	C140/40SC.P	87 mm	▲	1500	0	↕	✓
60N.P 60SC.P	A36.12.0	A36.12.0/60N.P	A36.12.0/60SC.P	59 mm	▲	1500	15	↕	
	A37.20.0	A37.20.0/60N.P	A37.20.0/60SC.P	67 mm	▲	1500	20	↕	
	A37.20.90	A37.20.90/60N.P	A37.20.90/60SC.P	84 mm	▲	1500	30	↕	
	A37.36	A37.36/60N.P	A37.36/60SC.P	83 mm	▲	1500	35	↕	
	A60.20.0	A60.20.0/60N.P	A60.20.0/60SC.P	67 mm	▲	1500	25	↕	
	A60.20.90	A60.20.90/60N.P	A60.20.90/60SC.P	107 mm	▲	1500	40	↕	
	A62.14	A62.14/60N.P	A62.14/60SC.P	61 mm	▲	1500	5	↕	✓
	A80.20.0	A80.20.0/60N.P	A80.20.0/60SC.P	67 mm	▲	1700	25	↕	
	A80.20.90	A80.20.90/60N.P	A80.20.90/60SC.P	127 mm	▲	1500	60	↕	
	A95.37	A95.37/60N.P	A95.37/60SC.P	84 mm	▲	2000	25	↕	✓
	A97.9	A97.9/60N.P	A97.9/60SC.P	56 mm	▲	1500	20	↕	✓
	C140	C140/60N.P	C140/60SC.P	87 mm	▲	1500	0	↕	✓

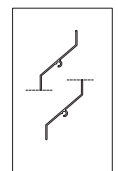
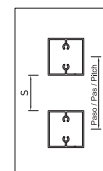
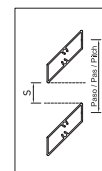
* Ancho máximo sin travesaños vertical | * largeur max sans montant central | * maximum width without vertical transom

E= espesor bastidor | épaisseur de cadre | frame thickness
soluciones constructivas | solutions constructives | constructive solutions

■ marco fijo | cadre fixe | fixed frame

▲ fijo y corredera | fixe & coulissant | fixe & sliding

● todas | tous | all



A37.36/40N.P



Z80.37/60N



Lamas fijas de madera y HPL
Lames fixes en bois et HPL
Timber and HPL fixed blades

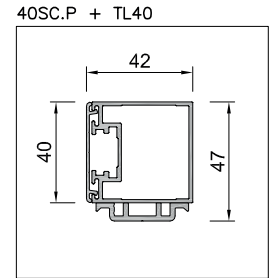
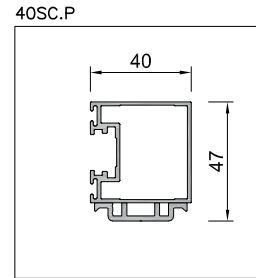
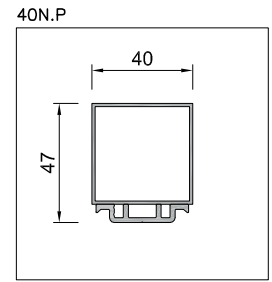
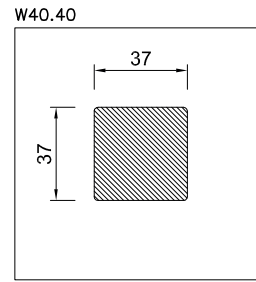
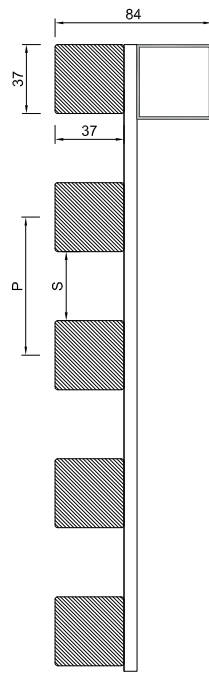




residence Les Passantes
W40.40/40N.P
Comte Vollenweider Architectes
Mouans-sartoux (France)

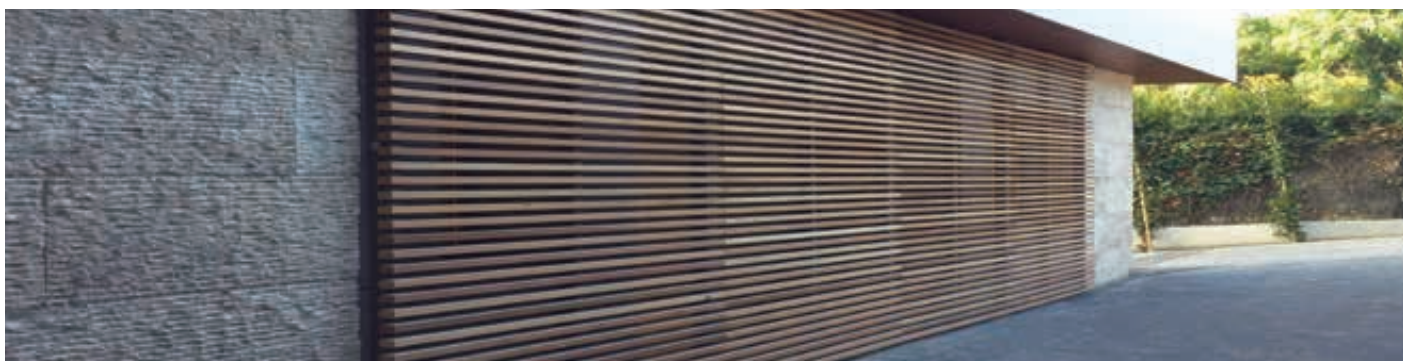
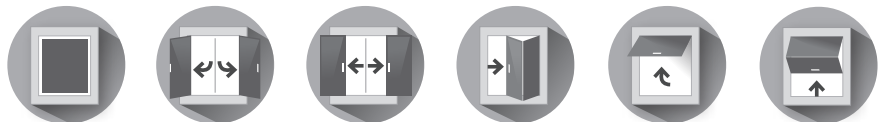
celosías | volets | fixed shutters
MADERA | BOIS | TIMBER
modelos | modèles | models

W40.40/40N.P

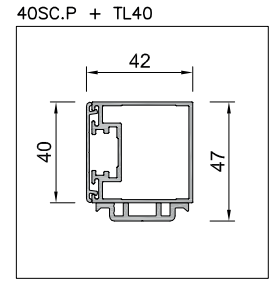
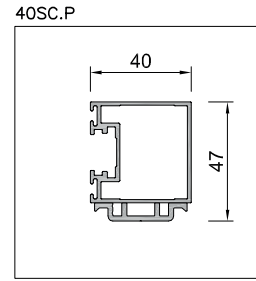
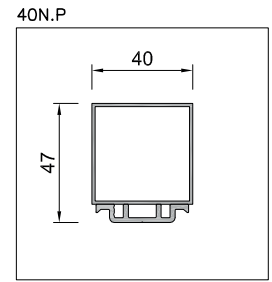
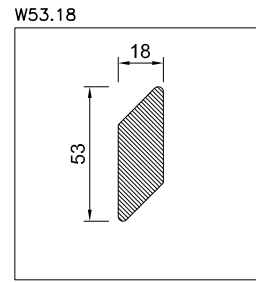
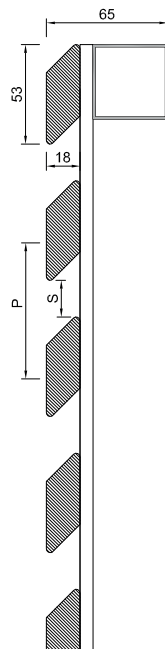


bastidor cadre frame	Perfilería / Profilés / Profiles	Aluminio extrusionado 6063-T5, Aluminium extrudé 6063-T5, Extruded aluminium 6063-T5
	Acabados / Finitions / Finishing	RAL Classic, RAL Design, Futura Símil madera, Similaire bois, Wood appearance Anodizado, Anodisé, Anodized
lomos lames blades	Madera / Essence / Timber	Consultar la carta de maderas disponibles, Consulter la carte de bois disponibles, Consult the available wood type list
	Formatos / Formats / Formats	Maciza o unión dentada, Massif ou finger joints, Solid or finger joints
	Acabados / Finitions / Finishing	Natural sin lasur / Lasur 1 o 2 capas opcional, Naturel sans lasur / Lasur 1 ou 2 couches, Natural without lasur / Lasur 1 or 2 coatings
	Longitud máxima de lama / Largeur maximale de lame / Maximum blade length	Consultar tabla de modelos, Voir la table de modèles, See table of models
	Separación entre lamas S / Séparation entre lames S / Gap between blades, S	Variable (standard 35 mm)
	Peso del sistema / Poids du système / System weight	10.5 Kg/m²

Soluciones constructivas | solutions constructives | constructive solutions

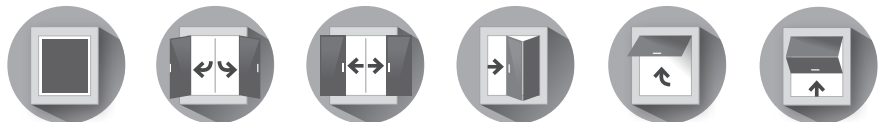


W53.18/40N.P



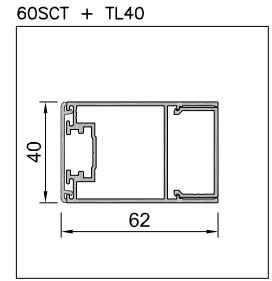
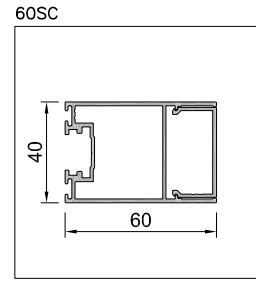
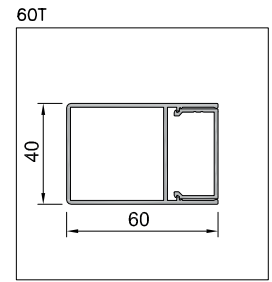
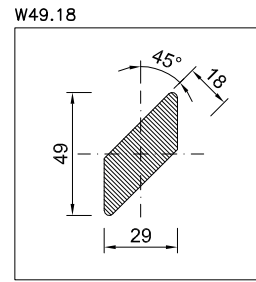
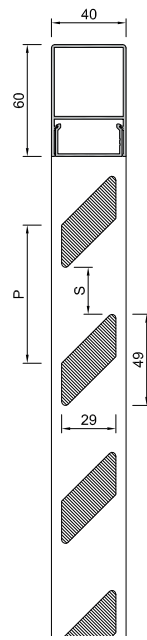
bastidor / cadre / frame	Perfilería / Profilés / Profiles	Aluminio extrusionado 6063-T5, Aluminium extrudé 6063-T5, Extruded aluminium 6063-T5
	Acabados / Finitions / Finishing	RAL Classic, RAL Design, Futura Símil madera, Similaire bois, Wood appearance Anodizado, Anodisé, Anodized
lomos / lames / blades	Madera / Essence / Timber	Consultar la carta de maderas disponibles, Consulter la carte de bois disponibles, Consult the available wood type list
	Formatos / Formats / Formats	Maciza o unión dentada, Massif ou finger joints, Solid or finger joints
	Acabados / Finitions / Finishing	Natural sin lasur / Lasur 1 o 2 capas opcional, Naturel sans lasur / Lasur 1 ou 2 couches, Natural without lasur / Lasur 1 or 2 coatings
	Longitud máxima de lama / Largeur maximale de lame / Maximum blade length	Consultar tabla de modelos, Voir la table de modèles, See table of models
	Separación entre lamas S / Séparation entre lames S / Gap between blades, S	Variable (standard 20 mm)
	Peso del sistema / Poids du système / System weight	7.0 Kg/m2

Soluciones constructivas | solutions constructives | constructive solutions



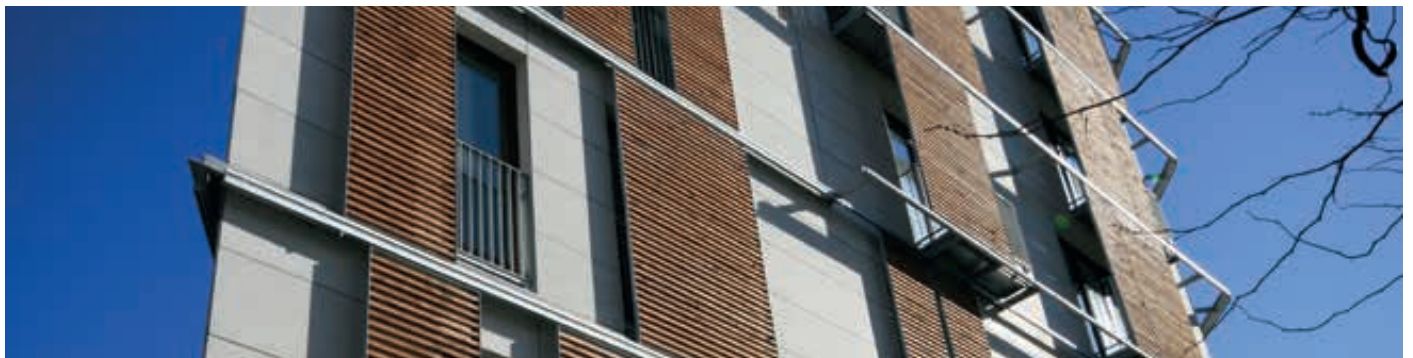
celosías | volets | fixed shutters
MADERA | BOIS | TIMBER
modelos | modèles | models

W49.18/60T

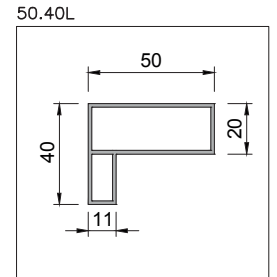
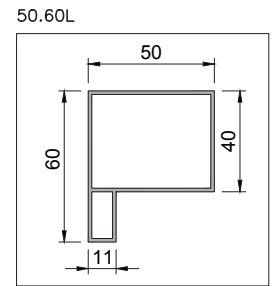
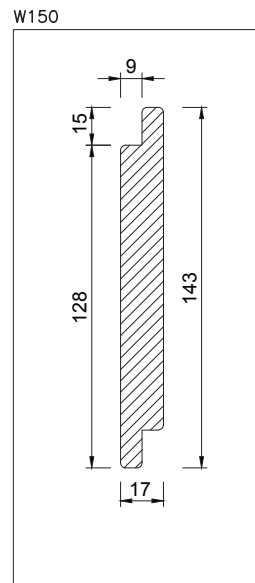
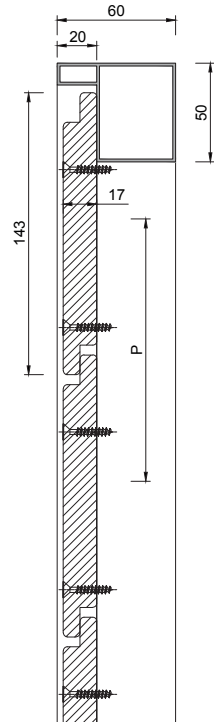


bastidor cadre frame	Perfilería / Profilés / Profiles	Aluminio extrusionado 6063-T5, Aluminium extrudé 6063-T5, Extruded aluminium 6063-T5
	Acabados / Finitions / Finishing	RAL Classic, RAL Design, Futura Símil madera, Similaire bois, Wood appearance Anodizado, Anodisé, Anodized
lomos lames blades	Madera / Essence / Timber	Consultar la carta de maderas disponibles, Consulter la carte de bois disponibles, Consult the available wood type list
	Formatos / Formats / Formats	Maciza o unión dentada, Massif ou finger joints, Solid or finger joints
	Acabados / Finitions / Finishing	Natural sin lasur / Lasur 1 o 2 capas opcional, Naturel sans lasur / Lasur 1 ou 2 couches, Natural without lasur / Lasur 1 or 2 coatings
	Longitud máxima de lama / Largeur maximale de lame / Maximum blade length	Consultar tabla de modelos, Voir la table de modèles, See table of models
	Separación entre lamas S / Séparation entre lames S / Gap between blades, S	Variable (standard 25 mm)
Peso del sistema / Poids du système / System weight		7.1 Kg/m ²

Soluciones constructivas | solutions constructives | constructive solutions

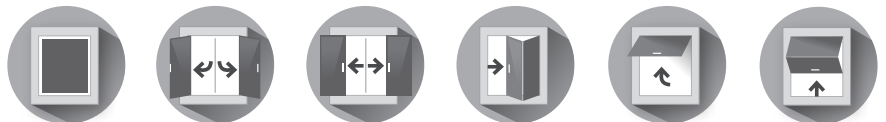


W150/50.60L



bastidor cadre frame	Perfilería / Profilés / Profiles	Aluminio extrusionado 6063-T5, Aluminium extrudé 6063-T5, Extruded aluminium 6063-T5
	Acabados / Finitions / Finishings	RAL Classic, RAL Design, Futura Símil madera, Similaire bois, Wood appearance Anodizado, Anodisé, Anodized
lomos lames blades	Madera / Essence / Timber	Consultar la carta de maderas disponibles, Consulter la carte de bois disponibles, Consult the available wood type list
	Formatos / Formats / Formats	Maciza o unión dentada, Massif ou finger joints, Solid or finger joints
	Acabados / Finitions / Finishing	Natural sin lasur / Lasur 1 o 2 capas opcional, Naturel sans lasur / Lasur 1 ou 2 couches, Natural without lasur / Lasur 1 or 2 coatings
lomos lames blades	Longitud máxima de lama / Largeur maximale de lame / Maximum blade length	Consultar tabla de modelos, Voir la table de modèles, See table of models
	Peso del sistema / Poids du système / System weight	9.0 Kg/m ²

Soluciones constructivas | solutions constructives | constructive solutions





celosías | volets | fixed shutters
MADERA | BOIS | TIMBER
laminas fijas | lames fixes | fixed blades

W24.42/40N.P



W32.19V/40N.P



W57.18/60ATL



W65.19/50.60L



celosías | volets | fixed shutters
MADERA Y HPL | BOIS ET HPL | TIMBER AND HPL
lamas fijas | lames fixes | fixed blades
modelos | modèles | models

	bastidor cadre frame	lama lame blade	modelos modèles models	E (mm)*	soluciones constructivas solutions constructives constructive solutions	ancho máximo largeur max width max (mm)*	S (estándar) S (standard) S (standard)		
enmarcada encastrée framed	60T 60SCT	W29.18.0	W29.18.0/60T	W29.18.0/60SCT	40	●	1000	20	
		W53.18	W53.18/60T	W53.18/60SCT	40	●	1200	20	
		W49.18	W49.18/60T	W49.18/60SCT	40	●	1200	20	
	50.60L	W150.19	W150.19/50.60L		60	▲	1200	20	
		W150	W150/50.60L		60	▲	1200	-10	
		W200	W200/50.60L		60	▲	1200	-10	
		WM145	WM145/50.60L		60	▲	1200	-9	
		HPL50	HPL50/50.60L		60	▲	900	15	
		HPL70	HPL70/50.60L		60	▲	900	15	
		HPL100	HPL100/50.60L		60	▲	1200	20	
		HPL120	HPL120/50.60L		60	▲	1200	25	
	lama continua lame filante continuous blade	40N.P 40SC.P	W29.18.0	W29.18.0/40N.P	W29.18.0/40SC.P	65	▲	1000	20
			W36.19.0	W36.19.0/40N.P	W36.19.0/40SC.P	66	▲	1000	20
W53.18			W53.18/40N.P	W53.18/40SC.P	65	▲	1200	20	
W40.40			W40.40/40N.P	W40.40/40SC.P	84	▲	1100	35	
W150.19			W150.19/40N.P	W150.19/40SC.P	64	▲	1200	20	
W150			W150/40N.P	W150/40SC.P	64	▲	1200	-10	
W200			W200/40N.P	W200/40SC.P	64	▲	1200	-10	
WM145			WM145/40N.P	WM145/40SC.P	68	▲	1200	-9	
HPL50			HPL50/40N.P	HPL50/40SC.P	55	▲	900	15	
HPL70			HPL70/40N.P	HPL70/40SC.P	55	▲	900	15	
HPL100			HPL100/40N.P	HPL100/40SC.P	55	▲	1200	20	
HPL120			HPL120/40N.P	HPL120/40SC.P	55	▲	1200	20	
60N.P 60SC.P		W29.18.0	W29.18.0/60N.P	W29.18.0/60SC.P	65	▲	1000	20	
		W36.19.0	W36.19.0/60N.P	W36.19.0/60SC.P	66	▲	1000	20	
		W53.18	W53.18/60N.P	W53.18/60SC.P	65	▲	1200	20	
		W40.40	W40.40/60N.P	W40.40/60SC.P	84	▲	1100	35	
		W150.19	W150.19/60N.P	W150.19/60SC.P	64	▲	1200	20	
		W150	W150/60N.P	W150/60SC.P	64	▲	1200	-10	
		W200	W200/60N.P	W200/60SC.P	64	▲	1200	-10	
		WM145	WM145/60N.P	WM145/60SC.P	68	▲	1200	-9	
		HPL50	HPL50/60N.P	HPL50/60SC.P	55	▲	900	15	
		HPL70	HPL70/60N.P	HPL70/60SC.P	55	▲	900	15	
		HPL100	HPL100/60N.P	HPL100/60SC.P	55	▲	1200	20	
	HPL120	HPL120/60N.P	HPL120/60SC.P	55	▲	1200	25		

soluciones constructivas | solutions constructives | constructive solutions

■ marco fijo | cadre fixe | fixed frame

▲ fijo y corredera | fixe & coulissant | fixe & sliding

● todas | tous | all

E= espesor bastidor | épaisseur de cadre | frame thickness

□ enmarcada | encastrée | framed

.... continua | filante | continuous

👁️ vista | visible | exposed

👁️ oclulta | cachée | concealed

✓ solape | chevauchement | overlap

celosías | volets | fixed shutters
MADERA Y HPL | BOIS ET HPL | TIMBER AND HPL
laminas fijas | lames fixes | fixed blades
modelos | modèles | models

	bastidor <i>cadre</i> frame	laminas <i>lames</i> blade	modelos <i>modèles</i> models	E (mm)*	soluciones constructivas <i>solutions constructives</i> constructive solutions	ancho máximo <i>largeur max</i> width max (mm)*	S (estándar) <i>S (standard)</i> S (standard)	
laminas continuas <i>lames filantes</i> continuous blade	40N 40SC	W150.19	W150.19/40N	W150.19/40SC	57	▲	1200	20
		W150	W150/40N	W150/40SC	57	▲	1200	-10
		W200	W200/40N	W200/40SC	57	▲	1200	-10
		WM145	WM145/40N	WM145/40SC	61	▲	1200	-9
		HPL50	HPL50/40N	HPL50/40SC	48	▲	900	15
		HPL70	HPL70/40N	HPL70/40SC	48	▲	900	15
		HPL100	HPL100/40N	HPL100/40SC	48	▲	1200	20
		HPL120	HPL120/40N	HPL120/40SC	48	▲	1200	25
	60N 60SC	W150.19	W150.19/60N	W150.19/60SC	57	▲	1200	20
		W150	W150/60N	W150/60SC	57	▲	1200	-10
		W200	W200/60N	W200/60SC	57	▲	1200	-10
		WM145	WM145/60N	WM145/60SC	61	▲	1200	-9
		HPL50	HPL50/60N	HPL50/60SC	48	▲	900	15
		HPL70	HPL70/60N	HPL70/60SC	48	▲	900	15
	HPL100	HPL100/60N	HPL100/60SC	48	▲	1200	20	
	HPL120	HPL120/60N	HPL120/60SC	48	▲	1200	25	

soluciones constructivas | *solutions constructives* | constructive solutions

■ marco fijo | *cadre fixe* | fixed frame

▲ fijo y corredera | *fixe & coulissant* | fixe & sliding

● todas | *tous* | all

E= espesor bastidor | *épaisseur de cadre* | frame thickness

□ enmarcada | *encastrée* | framed

.... continua | *filante* | continuous

👁 vista | *visible* | exposed

👁 oculta | *cachée* | concealed

✓ solape | *chevauchement* | overlap

enmarcada <i>encastrée</i> framed	continua <i>filante</i> continuous	fijación <i>fixation</i> fixation	opciones <i>options</i> options	
			paso variable <i>pas variable</i> variable pitch	solape <i>chevauchement</i> overlap
		↕	
			✓
			✓
			✓
		↕	
		↕	
		↕	
		↕	
		↕	
			✓
			✓
			✓
		↕	
		↕	
		↕	
		↕	





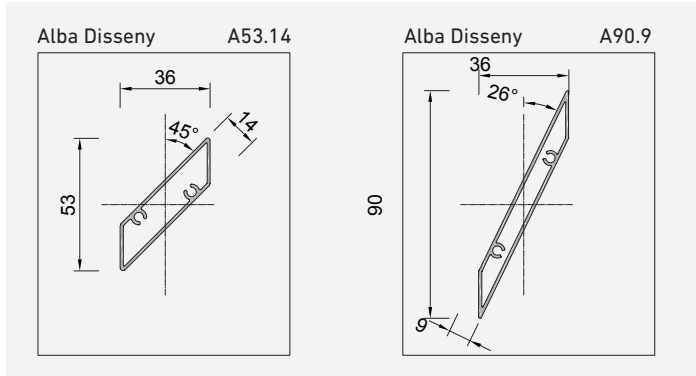
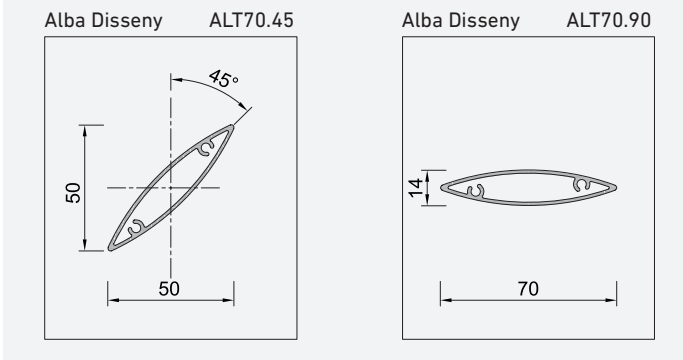
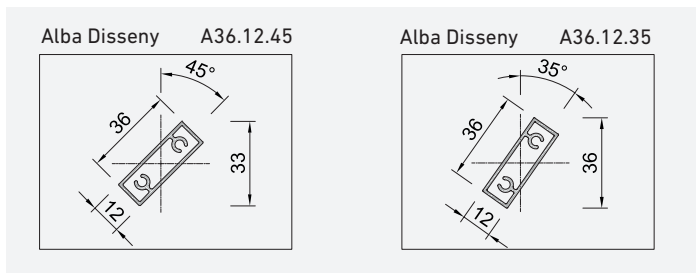
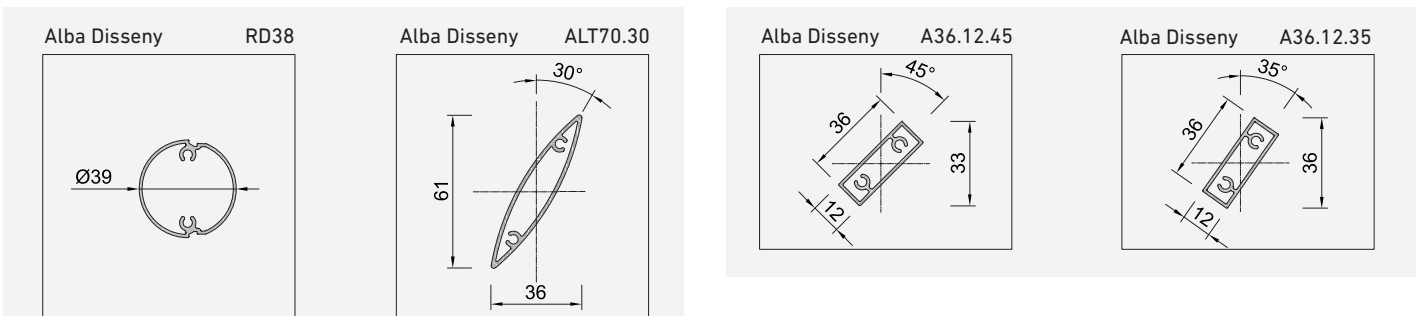
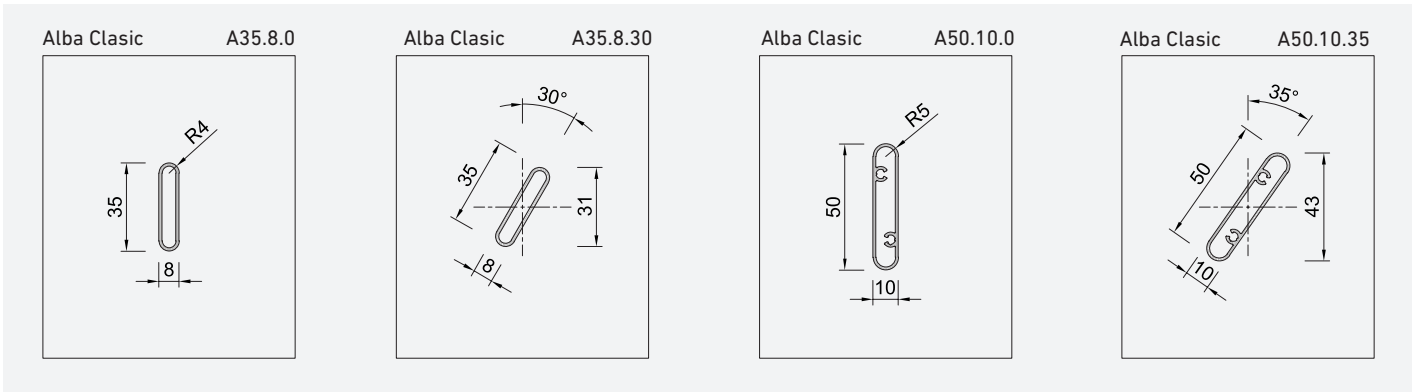
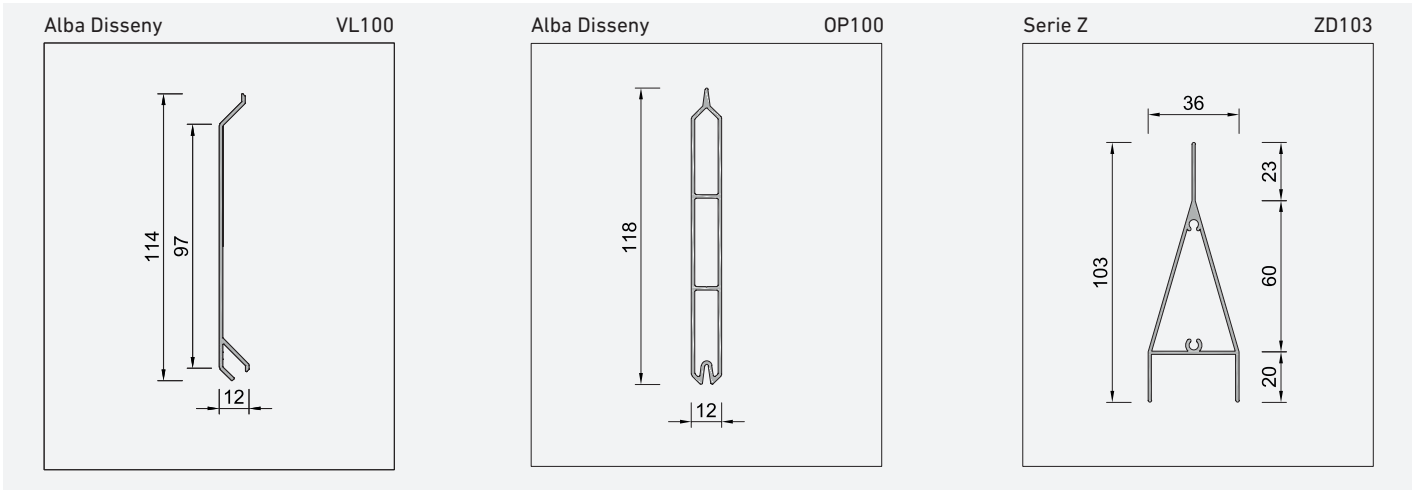


Catamaran House
W53.18/40N.P
Coda Office + Eneseis Arquitectura
Alicante

celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

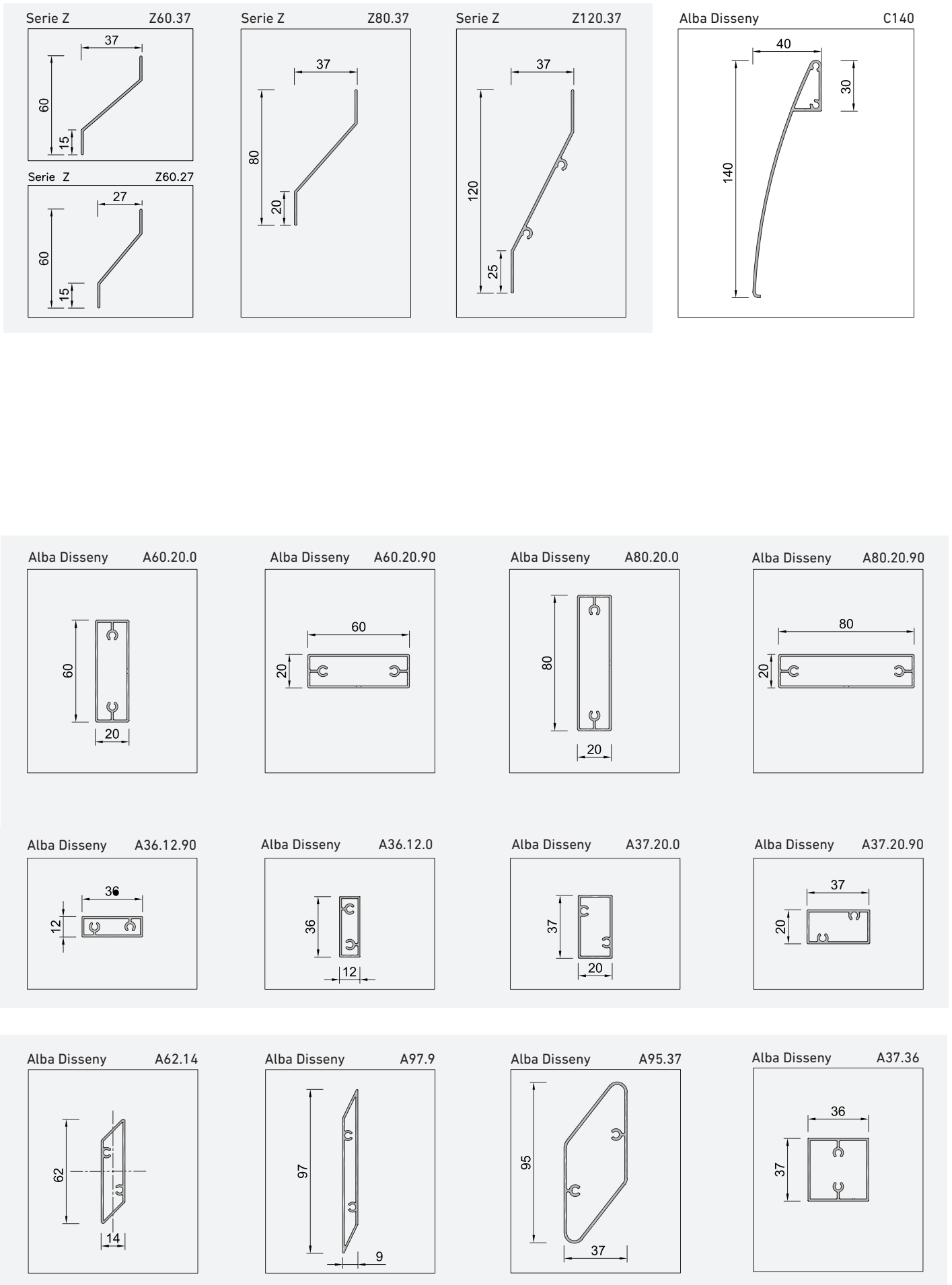
laminas fijas enmarcadas | lames fixes encastrées | framed fixed blades



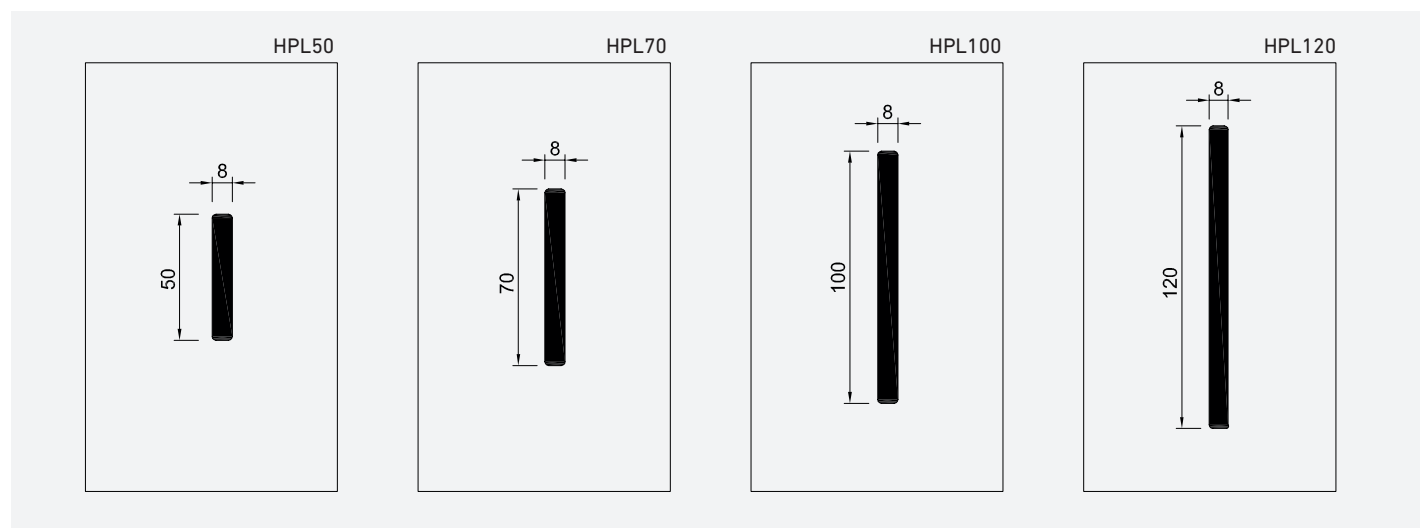
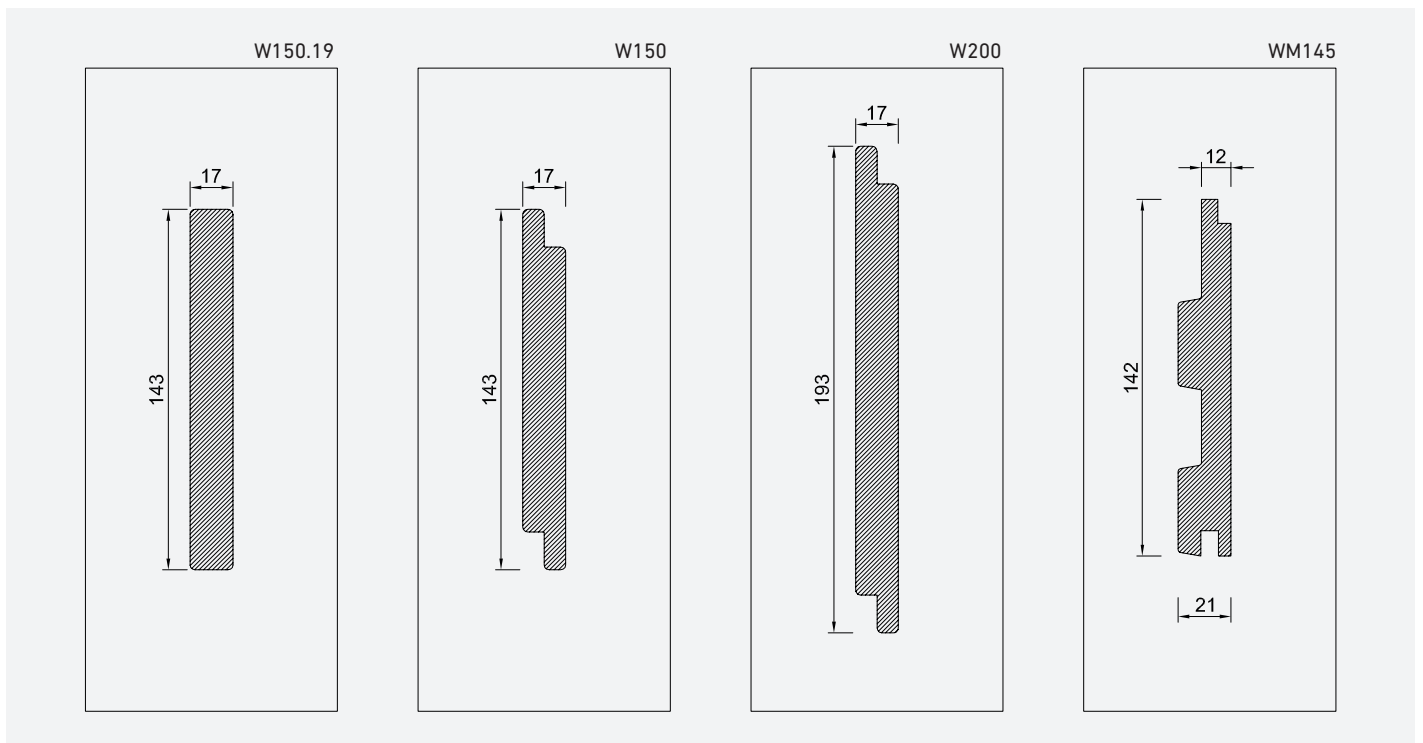
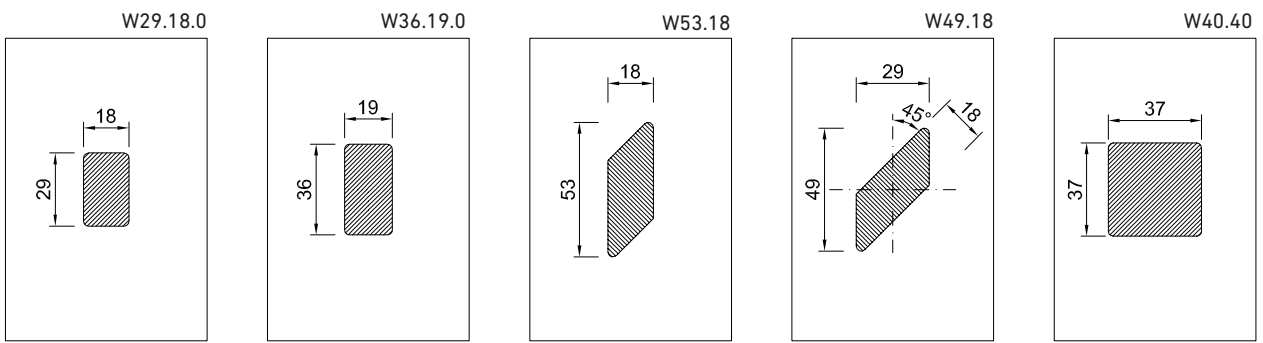
celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

enmarcadas o continuas | encastrées ou filantes | framed or continuous



celosías | volets | fixed shutters
MADERA Y HPL | BOIS ET HPL | TIMBER AND HPL
lamas fijas | lames fixes | fixed blades



Las dimensiones de los perfiles W (madera maciza) son orientativas.
Les dimensions des profilés W (bois massif) sont indicatifs.
The dimensions of the W profiles (solid wood) are orientative.

celosías | volets | fixed shutters

MADERA Y HPL | BOIS ET HPL | TIMBER AND HPL

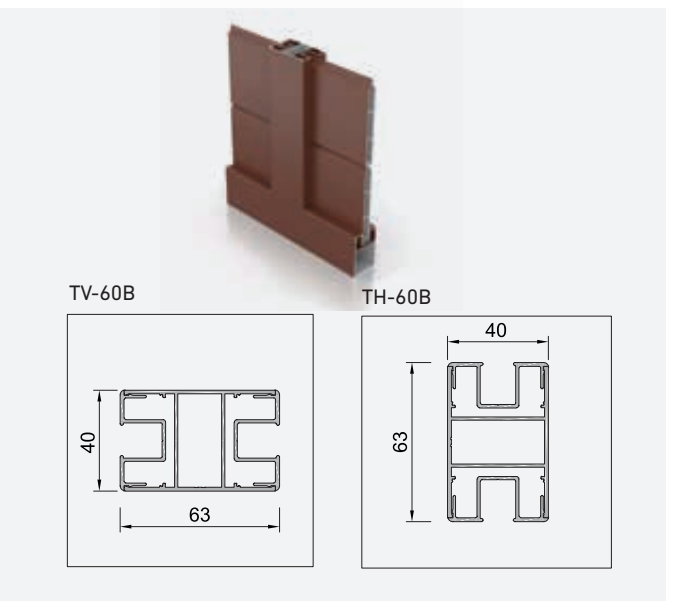
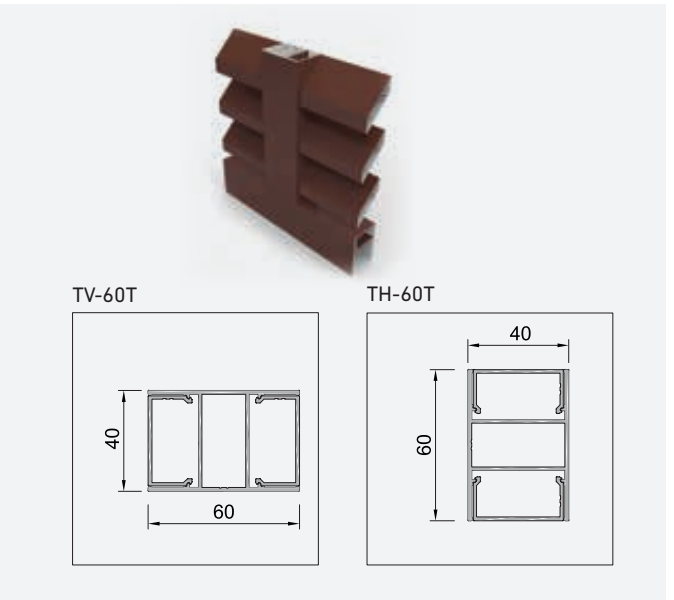
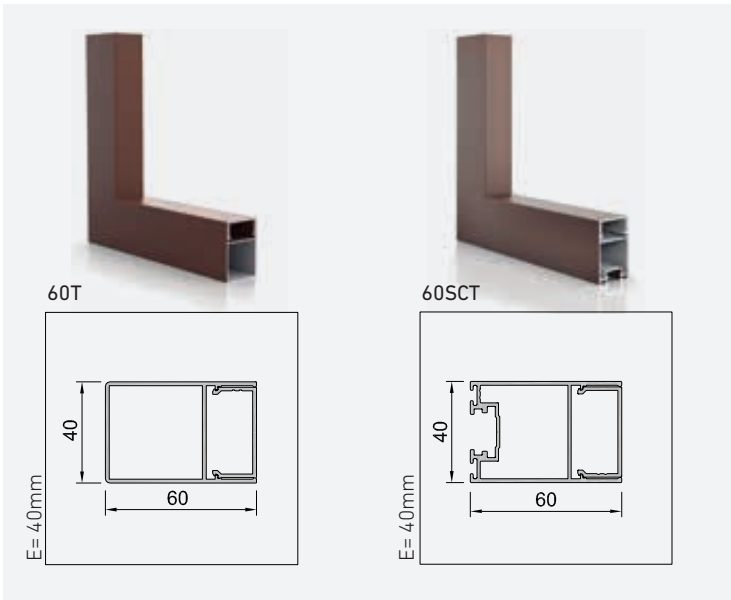
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

bastidores | cadres | frames



bastidores | cadres | frames

intermedio | intermédiaire | intermediate



E= espesor bastidor | épaisseur de cadre | frame thickness


celosías | volets | fixed shutters

ALUMINIO | ALUMINIUM | ALUMINIUM

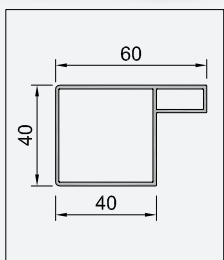
laminas fijas enmarcadas | lames fixes encastrées | framed fixed blades

bastidores | cadres | frames


intermedio | intermédiaire | intermediate



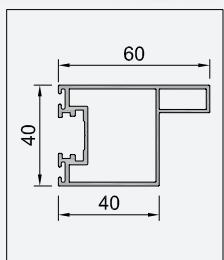
60.40L




E= 40mm



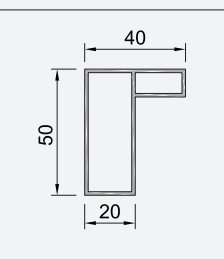
60.40SCL




E= 40mm



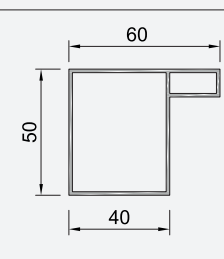
40.50L




E=50mm



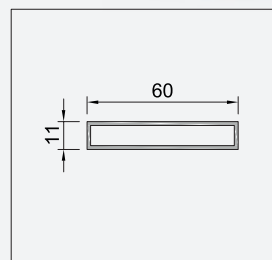
60.50L




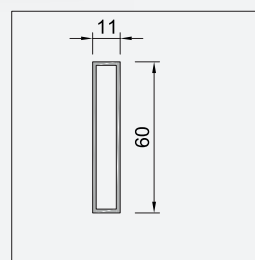
E= 50mm



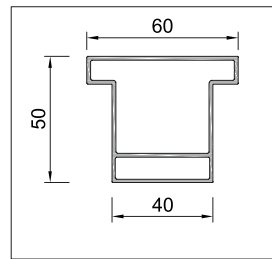
TV-60.11




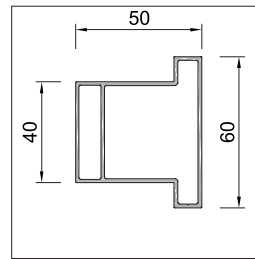
TH-60.11



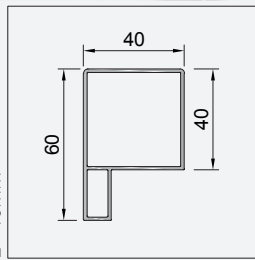
TV-60.50L




TH-60.50L



40.60L

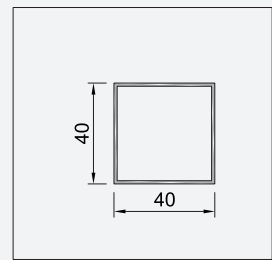


E= 40mm

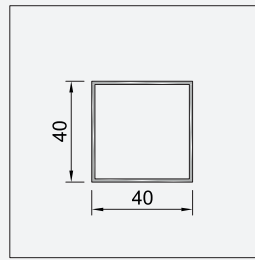


TV-40N.P

TV-40N



TH-40N



celosías | volets | fixed shutters

MADERA Y HPL | BOIS ET HPL | TIMBER AND HPL

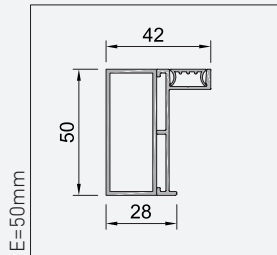
lamas fijas enmarcadas | lames fixes encastrées | framed fixed blades

bastidores | cadres | frames

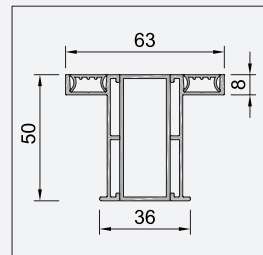
intermedio | intermédiaire | intermediate



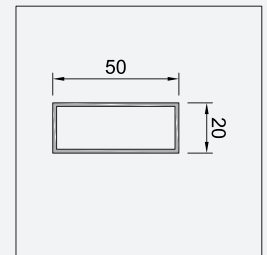
50.20L



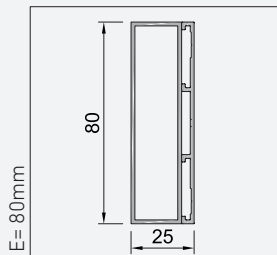
TV-50.20L



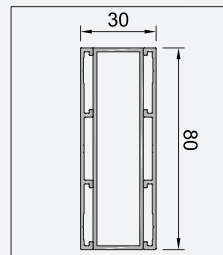
TH-50.20L



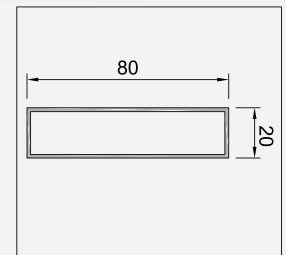
80.20H



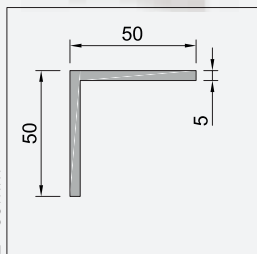
TV-80.20H



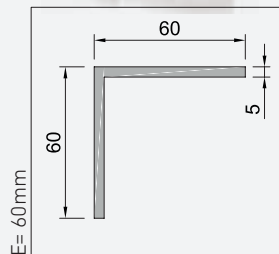
TH-80.20H



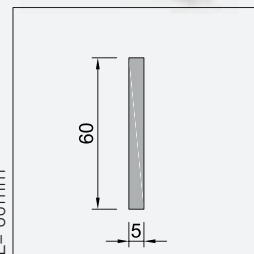
L50



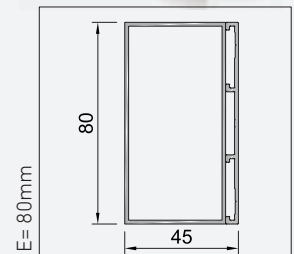
L60



P60



80.40H

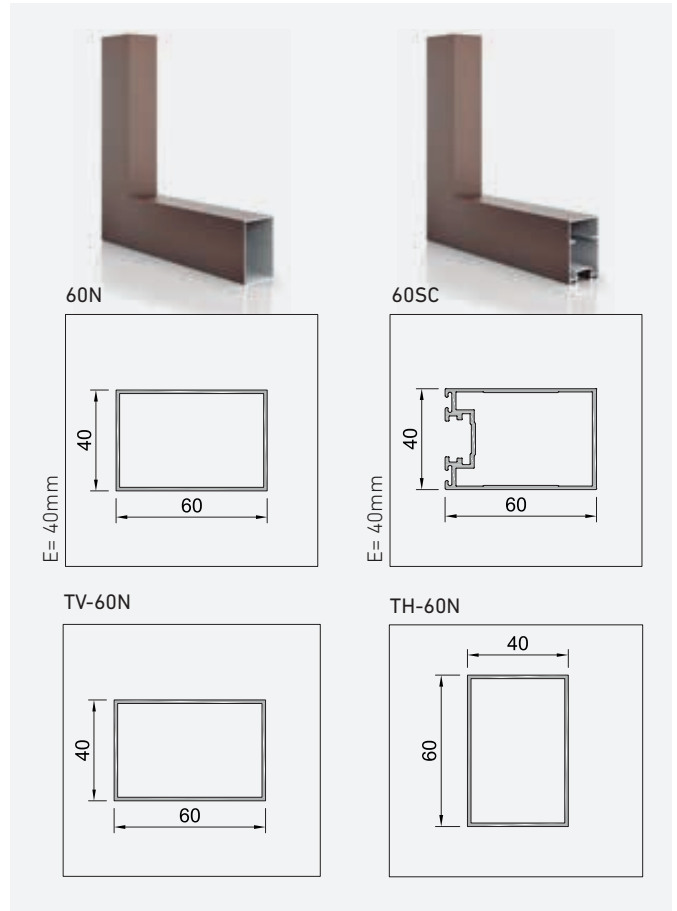
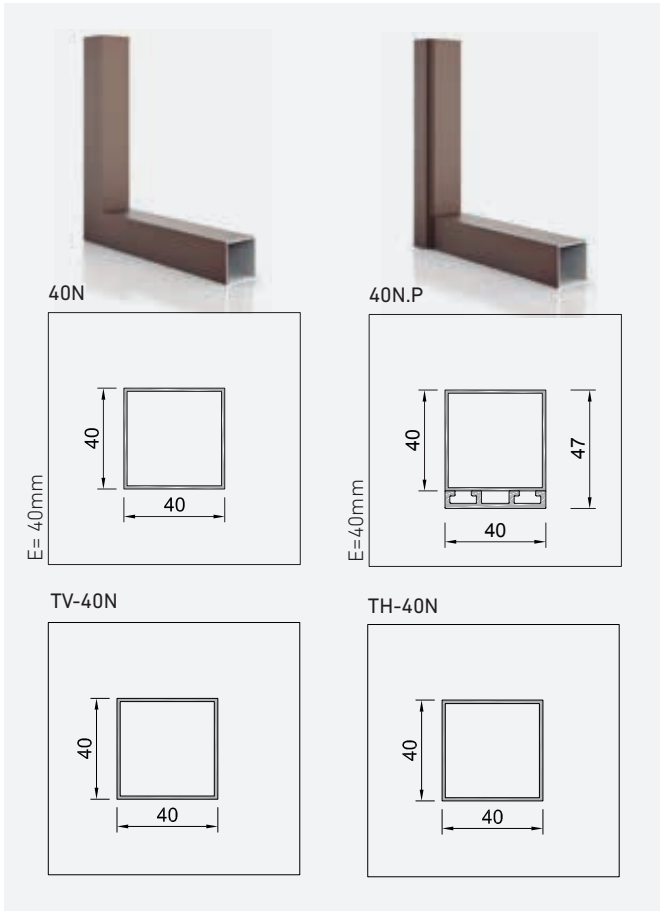


celosías | volets | fixed shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM

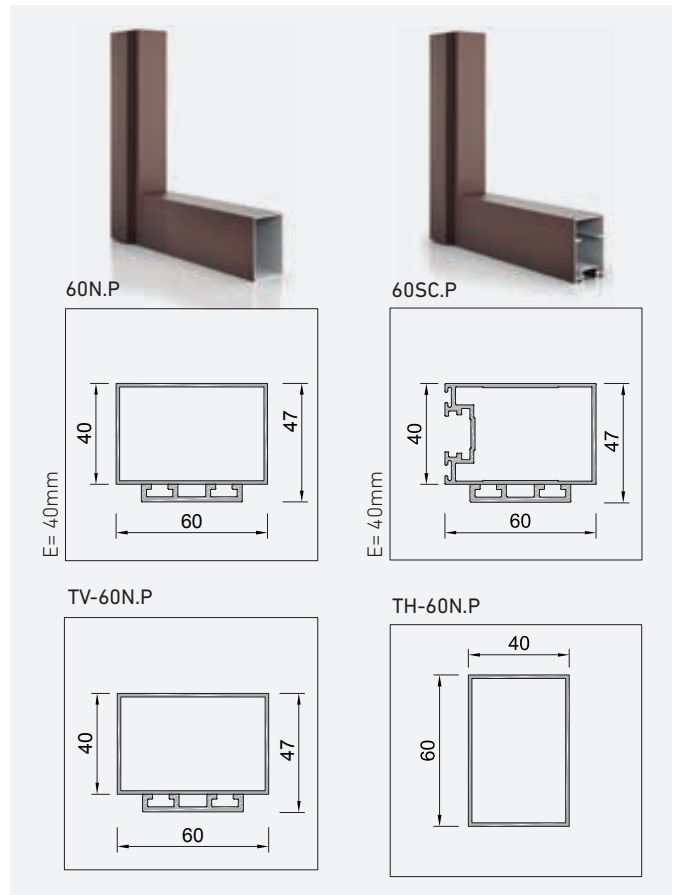
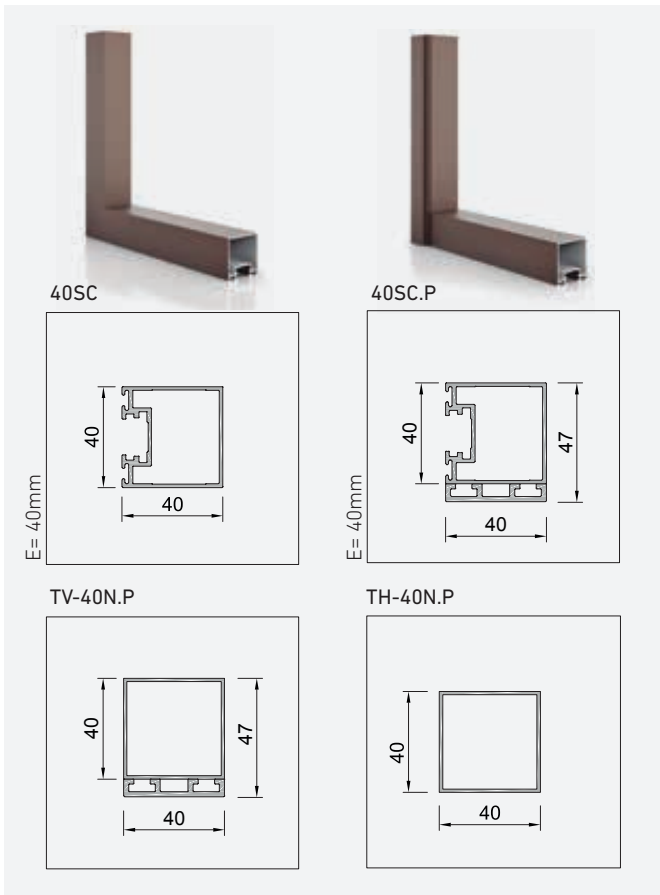
lamas fijas continuas | lames fixes filantes | continuous fixed blades

bastidores | cadres | frames

intermed



intermed





Residencia Escalante
A53.14/60SCT
Robles Arquitectura
San José (Costa Rica)

lamas orientables
lames orientables
movable blades



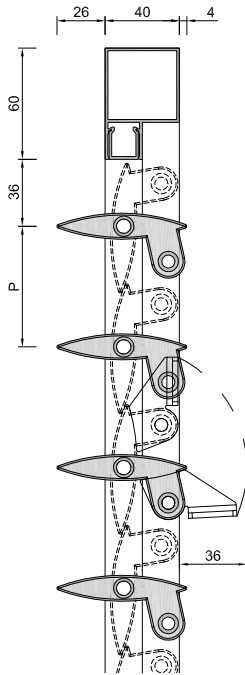


persianas orientables | *persiennes* | adjustable shutters

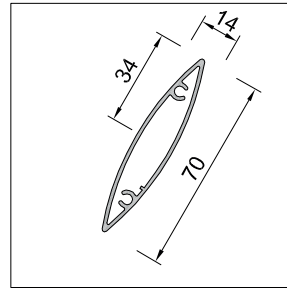
ALUMINIO | *ALUMINIUM* | ALUMINIUM

lamas orientables | *lames orientables* | movable blades

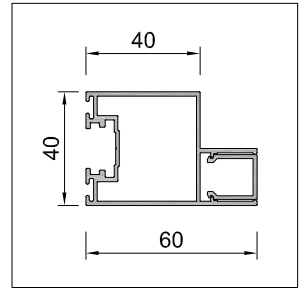
ALT70/40L



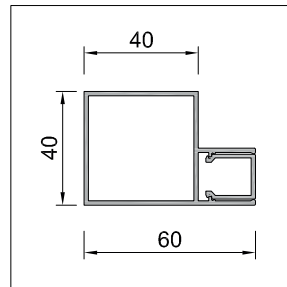
ALT70



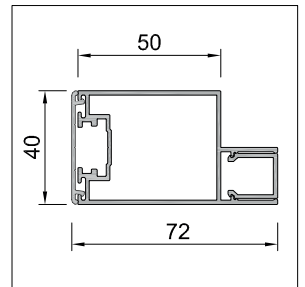
40SCL



40L



50SCL + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños intermedios / Traverses intermédiaires / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / Poids du système / System weight

10.4 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1500 mm, sin travesaño intermedio, 1500 mm, sans traverse intermédiaire, 1500 mm, without intermediate transom

Paso de lama P / Écart de lame P / Blade pitch P

Variable (55 - 66 mm)

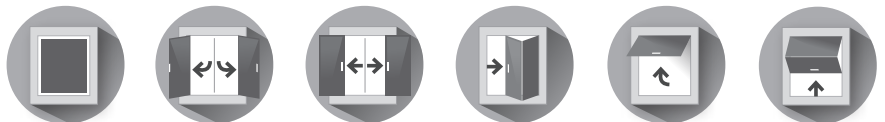
Testeros / Embouts / Blade end caps

Poliamida inyectada, Injection en polyamide, Injected polyamide

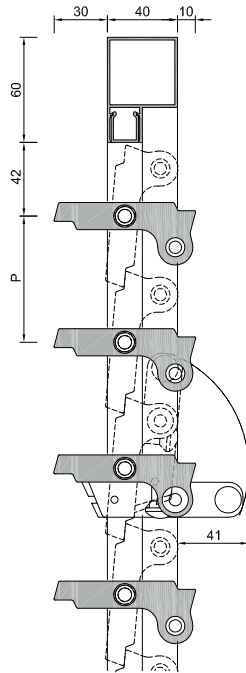
Accionamiento / Commande / Drive

Manual o motorizado, Manuelle ou motorisée, Manual or motorized

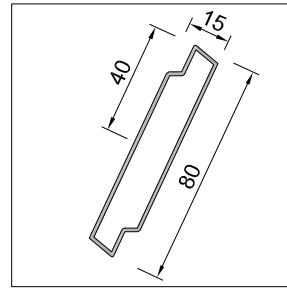
Soluciones constructivas | solutions constructives | constructive solutions



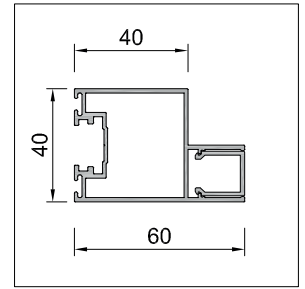
T80/40L



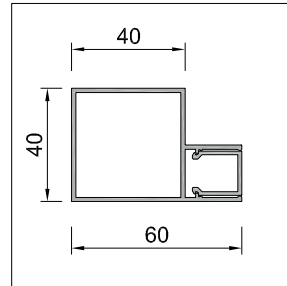
T80



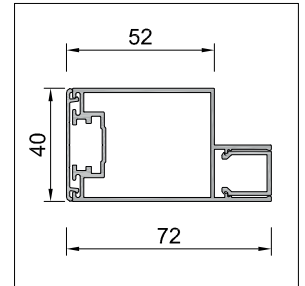
40SCL



40L



50SCL + TL40



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños intermedios / Traverses intermédiaires / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / Poids du système / System weight

10.5 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

1600 mm, sin travesaño intermedio, 1600 mm, sans traverse intermédiaire, 1600 mm, without intermediate transom

Paso de lama P / Écart de lame P / Blade pitch P

Variable (71 - 78 mm)

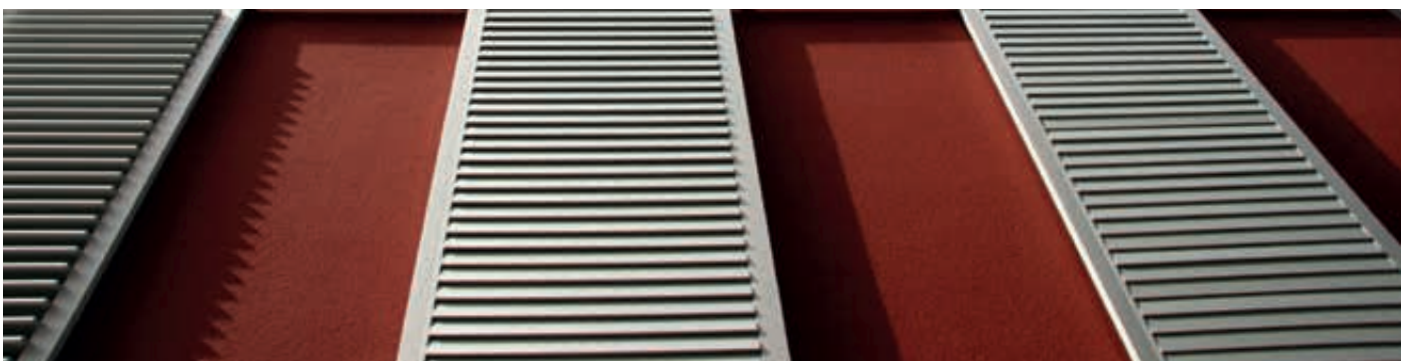
Testeros / Embouts / Blade end caps

Poliamida inyectada, Injection en polyamide, Injected polyamide

Accionamiento / Commande / Drive

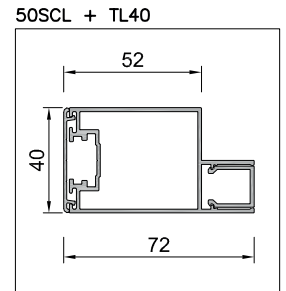
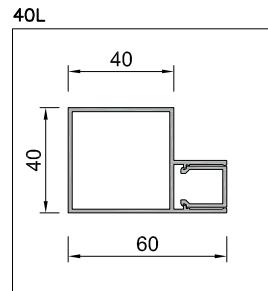
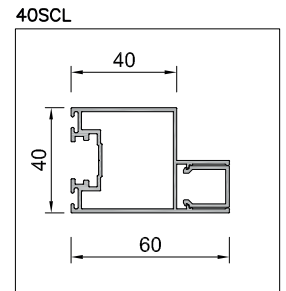
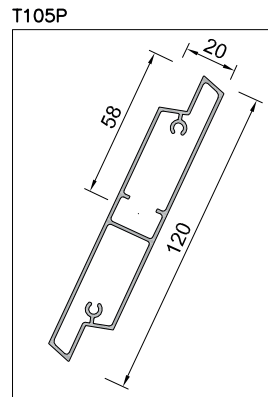
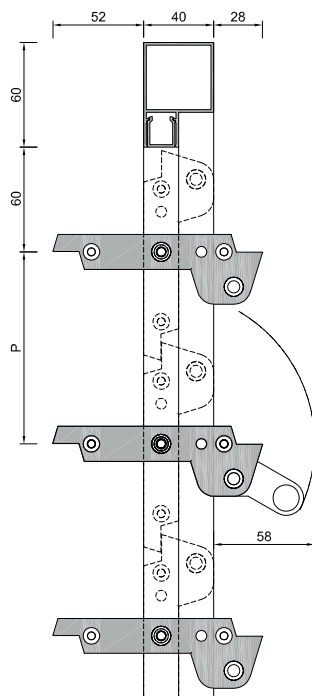
Manual o motorizado, Manuelle ou motorisée, Manual or motorized

Soluciones constructivas | solutions constructives | constructive solutions



persianas orientables | *persiennes* | adjustable shutters
 ALUMINIO | ALUMINIUM | ALUMINIUM
 lamas orientables | *lames orientables* | movable blades

T105P/40L



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños intermedios / Traverses intermédiaires / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / Poids du système / System weight

11.5 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

2555 mm, sin travesaño intermedio, 2555 mm, sans traverse intermédiaire, 2555 mm, without intermediate transom

Paso de lama P / Écart de lame P / Blade pitch P

Variable (105 - 115 mm)

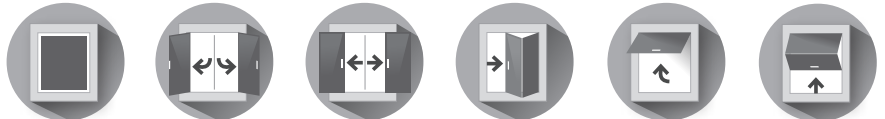
Testeros / Embouts / Blade end caps

Poliamida inyectada, Injection en polyamide, Injected polyamide

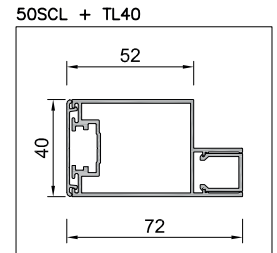
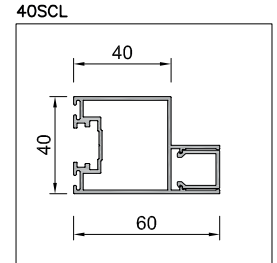
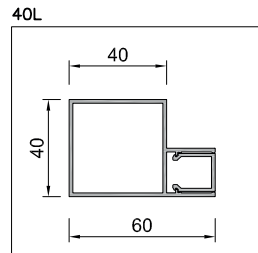
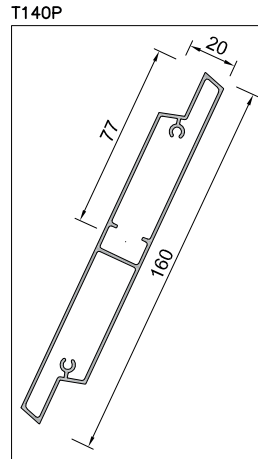
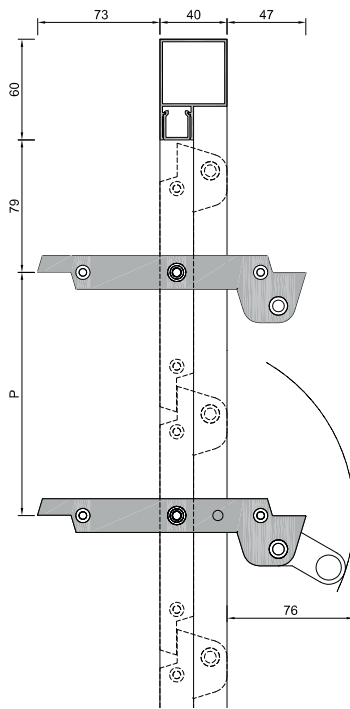
Accionamiento / Commande / Drive

Manual o motorizado, Manuelle ou motorisée, Manual or motorized

Soluciones constructivas | solutions constructives | constructive solutions



T140P/40L



Carta de colores disponibles / Chartes de couleurs disponibles / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / Option décoration / Decoration option

Símil madera, Similaire bois, Wood appearance

Travesaños intermedios / Traverses intermédiaires / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / Poids du système / System weight

11.5 kg/m²

Longitud máxima de lama / Largeur maximale de lame / Maximum blade length

2545 mm, sin travesaño intermedio, 2545 mm, sans traverse intermédiaire, 2545 mm, without intermediate transom

Paso de lama P / Écart de lame P / Blade pitch P

Variable (140 - 155 mm)

Testeros / Embouts / Blade end caps

Poliamida inyectada, Injection en polyamide, Injected polyamide

Accionamiento / Commande / Drive

Manual o motorizado, Manuelle ou motorisée, Manual or motorized



Soluciones constructivas | solutions constructives | constructive solutions

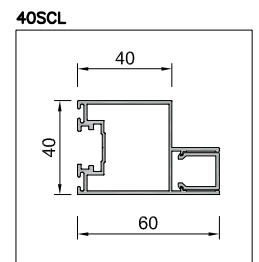
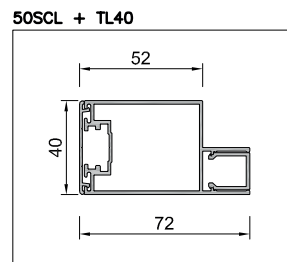
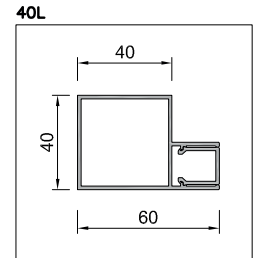
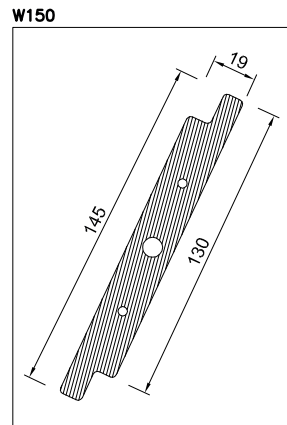
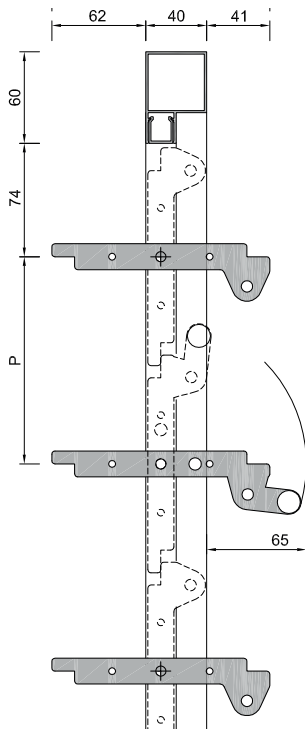


persianas orientables | *persiennes* | adjustable shutters

MADERA | *BOIS* | TIMBER

lamas orientables | *lames orientables* | movable blades

W150/40L



Carta de colores disponibles / *Chartes de couleurs disponibles* / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / *Option décoration* / Decoration option

Símil madera, *Similaire bois*, Wood appearance

Travesaños intermedios / *Traverses intermédiaires* / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / *Poids du système* / System weight

8.5 kg/m²

Longitud máxima de lama / *Largeur maximale de lame* / Maximum blade length

1100 mm, sin travesaño intermedio, *1100 mm, sans traverse intermédiaire*, 1100 mm, without intermediate transom

Paso de lama P / *Écart de lame P* / Blade pitch P

Variable (131 - 138 mm)

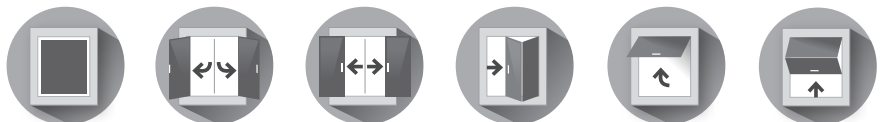
Testeros / *Embouts* / Blade end caps

Aluminio 4 mm blanco negro o gris, *Aluminium 4 mm blanc, noir ou gris*, Aluminium 4 mm white, black or grey

Accionamiento / *Commande* / Drive

Manual o motorizado, *Manuelle ou motorisée*, Manual or motorized

Soluciones constructivas | *solutions constructives* | constructive solutions

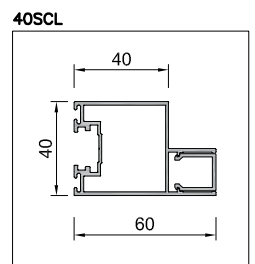
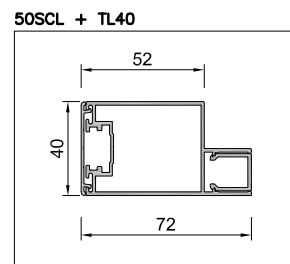
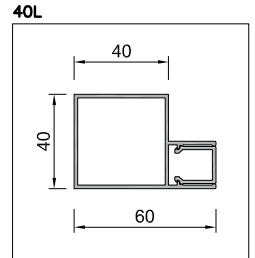
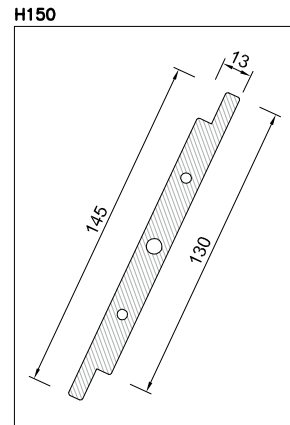
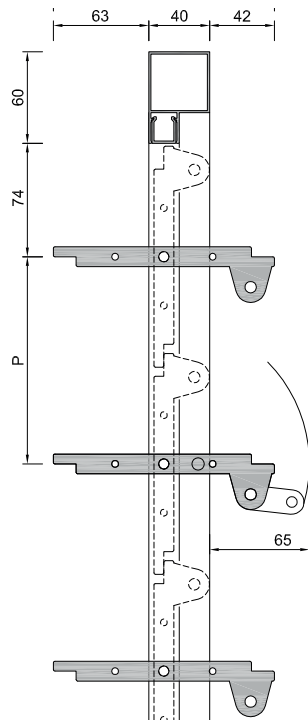


persianas orientables | *persiennes* | adjustable shutters

HPL | *HPL* | HPL

lamas orientables | *lames orientables* | movable blades

H150/40L



Carta de colores disponibles / *Chartes de couleurs disponibles* / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / *Option décoration* / Decoration option

Símil madera, *Similaire bois*, Wood appearance

Travesaños intermedios / *Traverses intermédiaires* / Intermediate transoms

TH-40L, TV-40L

Peso del sistema / *Poids du système* / System weight

18.5 kg/m²

Longitud máxima de lama / *Largeur maximale de lame* / Maximum blade length

1200 mm, sin travesaño intermedio, *1200 mm, sans traverse intermédiaire*, 1200 mm, without intermediate transom

Paso de lama P / *Écart de lame P* / Blade pitch P

Variable (133 - 140 mm)

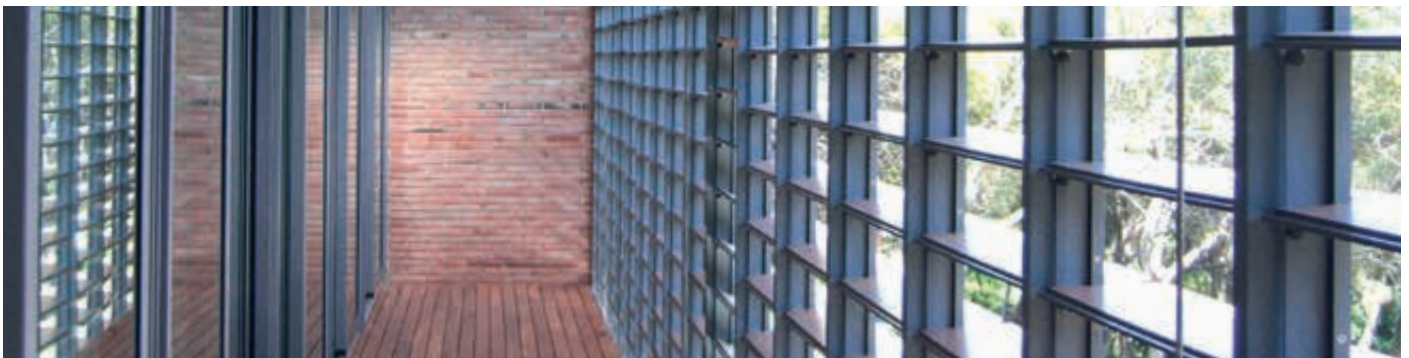
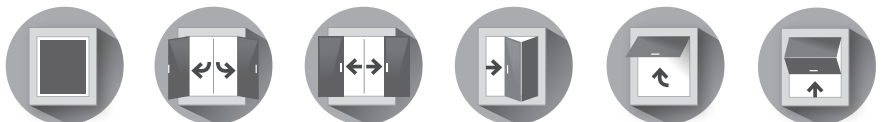
Testereros / *Embouts* / Blade end caps

Aluminio 4 mm blanco negro o gris, *Aluminium 4 mm blanc, noir ou gris*, Aluminium 4 mm white, black or grey

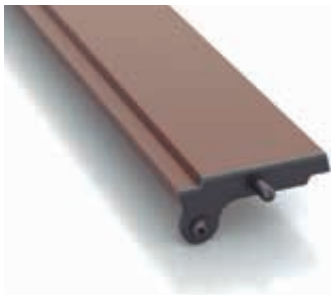
Accionamiento / *Commande* / Drive

Manual o motorizado, *Manuelle ou motorisée*, Manual or motorized

Soluciones constructivas | *solutions constructives* | constructive solutions

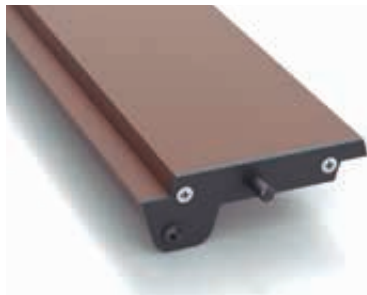
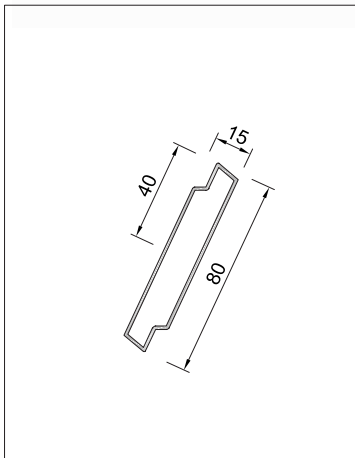


persianas orientables | *persiennes* | adjustable shutters
 ALUMINIO | *ALUMINIUM* | ALUMINIUM
 lamas orientables | *lames orientables* | movable blades



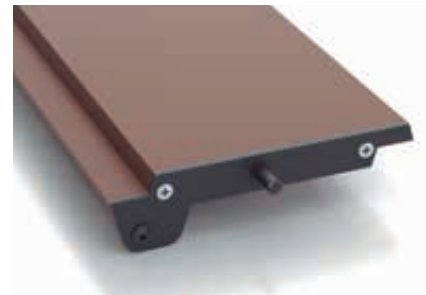
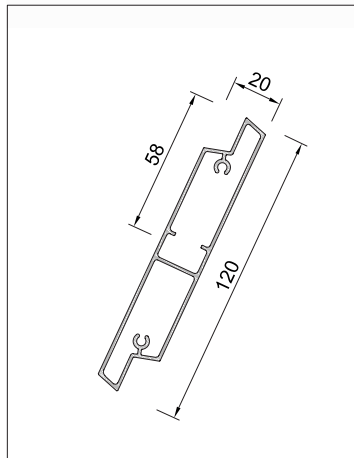
Móvil Clásico

T80



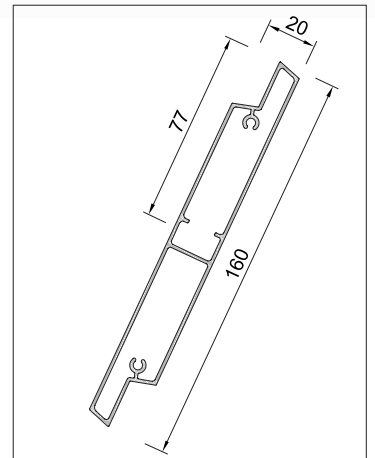
Serie Plana

T105P

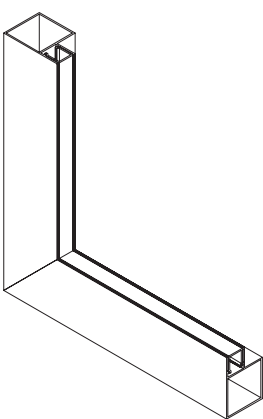


Serie Plana

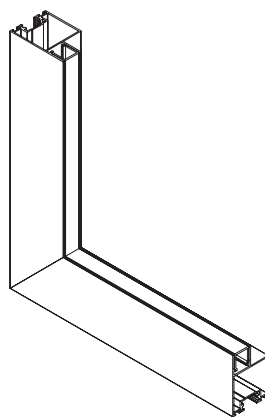
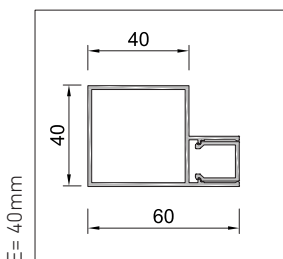
T140P



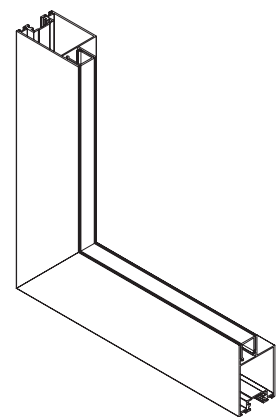
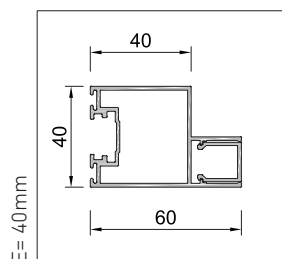
bastidores para lamas orientables | *cadres por lames orientables* | frames for movable blades



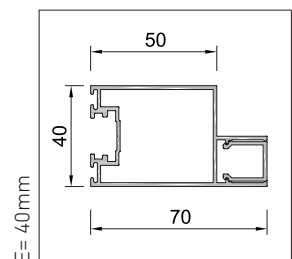
40L



40SCL



50SCL



E= espesor bastidor | *épaisseur de cadre* | frame thickness

persianas orientables | *persiennes* | adjustable shutters

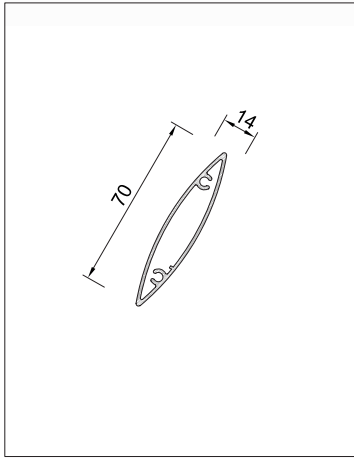
ALUMINIO | *ALUMINIUM* | ALUMINIUM

lamas orientables | *lames orientables* | movable blades



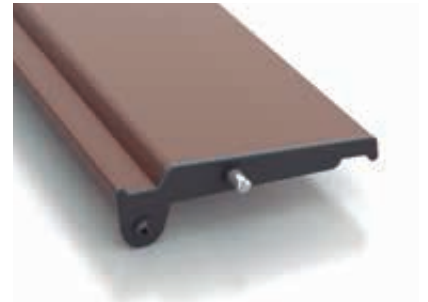
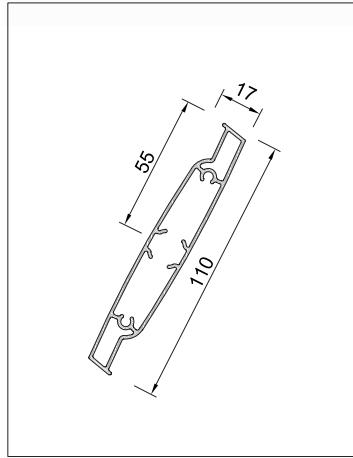
Alba Disseny

ALT70



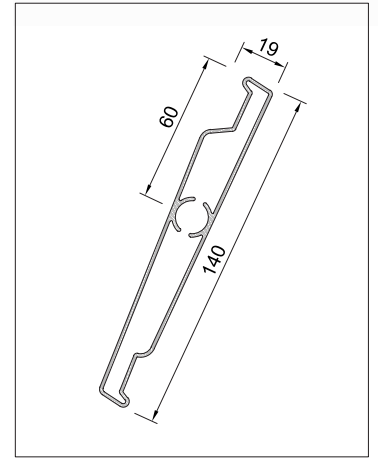
Móvil Clásico

T110

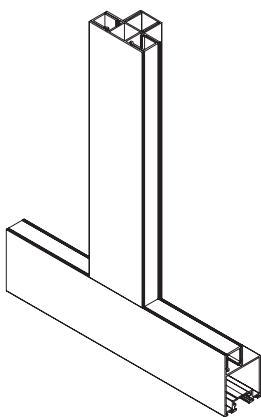


Móvil Clásico

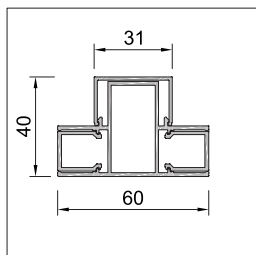
T140



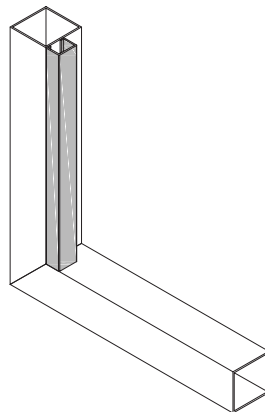
Travesaño intermedio
Traverse intermédiaire
Intermediate transom



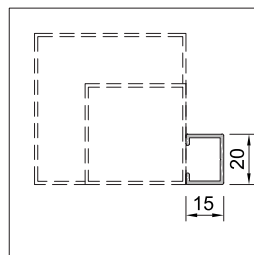
TV-40L



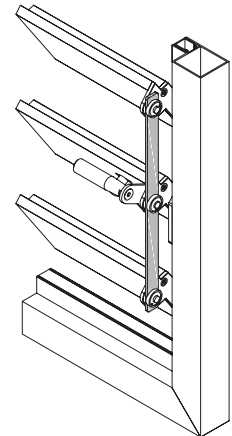
Perfil C para bastidores especiales
Profil C pour cadres especiales
C profile for special frames



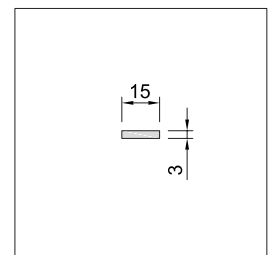
C20.15



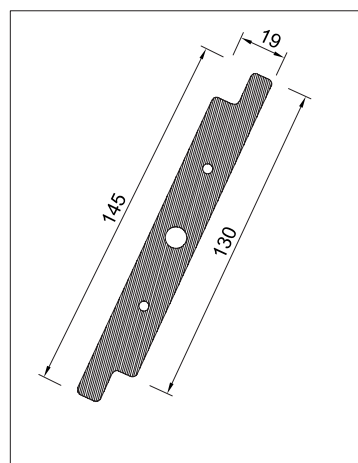
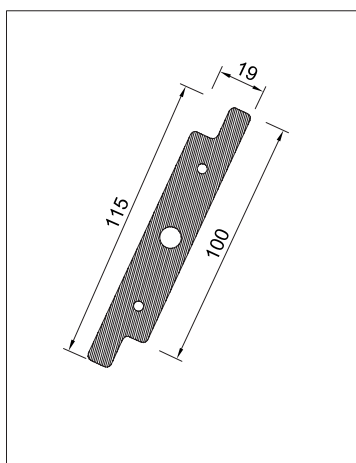
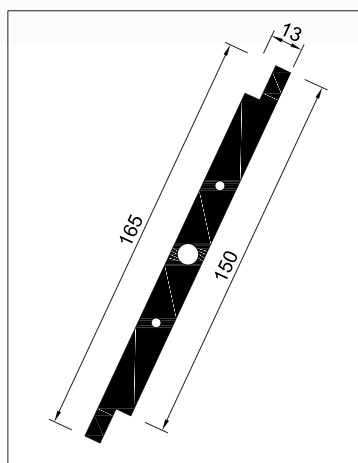
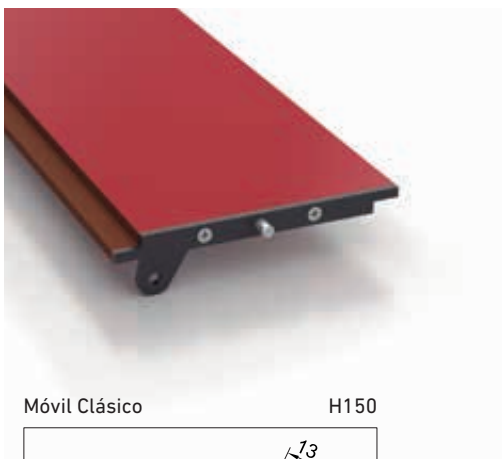
Barra de arrastre
Barre de manoeuvre
Drive rod



A15.3



persianas orientables | *persiennes* | adjustable shutters
MADERA Y HPL | *BOIS ET HPL* | TIMBER AND HPL
lamas orientables | *lames orientables* | movable blades



persianas orientables | *persiennes* | adjustable shutters
 ALUMINIO | *ALUMINIUM* | ALUMINIUM
 lamas orientables | *lames orientables* | movable blades
 modelos | *modèles* | models

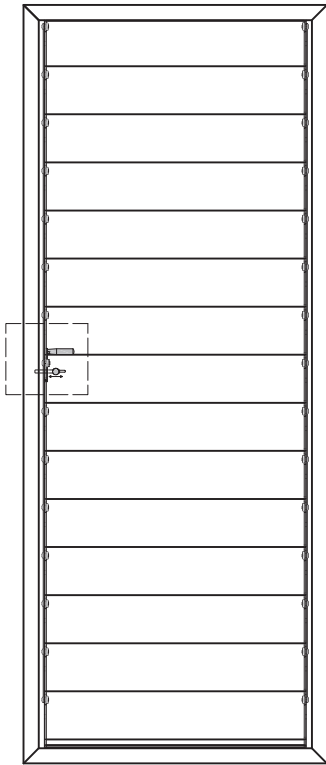
bastidor <i>cadre</i> frame	lama <i>lame</i> blade	modelos <i>modèles</i> models		E	soluciones constructivas <i>solutions</i> constructives constructive solutions	ancho max lama <i>longueur max lame</i> max lenght blade		paso (mm) <i>pas (mm)</i> pitch (mm)	
						H	V	Mín	máx
40L 40SCL	ALT70	ALT70/40L	ALT70/40SCL	40mm	●	1500	1500	55	66
	T80	T80/40L	T80/40SCL	40mm	●	1600	2000	71	78
	T105P	T105P/40L	T105P/40SCL	40mm	●	2555	2685	105	115
	T110	T110/40L	T110/40SCL	40mm	●	1800	2100	95	105
	T140	T140/40L	T140/40SCL	40mm	●	2000	2200	119	130
	T140P	T140P/40L	T140P/40SCL	40mm	●	2545	2665	140	155
	W150	W150/40L	W150/40SCL	40mm	●	1100	1300	131	138
	H150	H150/40L	H150/40SCL	40mm	●	1200	1300	133	140
50SCL	ALT70	ALT70/50SCL		40mm	●	1500	1500	55	66
	T80	T80/50SCL		40mm	●	1600	2000	71	78
	T105P	T105P/50SCL		40mm	●	2555	2685	105	115
	T110	T110/50SCL		40mm	●	1800	2100	95	105
	T140	T140/50SCL		40mm	●	2000	2200	119	130
	T140P	T140P/50SCL		40mm	●	2545	2665	140	155
	W150	W150/50SCL		40mm	●	1100	1300	131	138
	H150	H150/50SCL		40mm	●	1200	1300	133	140

- marco fijo | *cadre fixe* | fixed frame
- ▲ fijo y corredera | *fixe & coulissant* | fixe & sliding
- todas | *tous* | all
- ✋ manual | *manuelle* | manualy
- ⚙️ mecánico | *mécanique* | mechanical
- ⚡ motor | *moteur* | motor

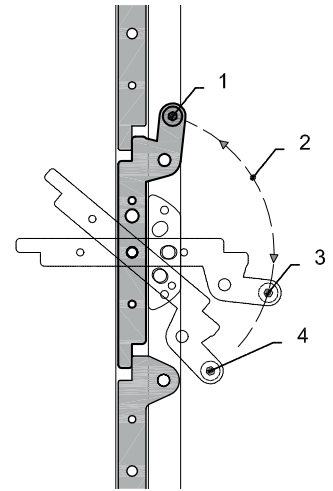
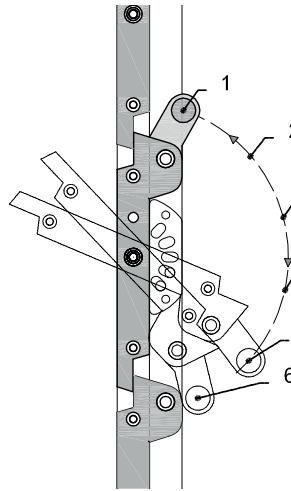
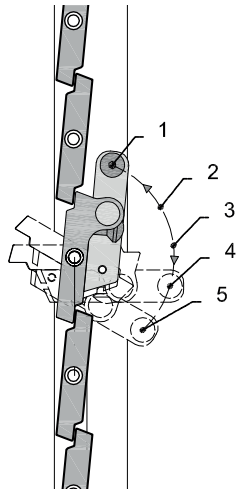


persianas orientables | *persiennes* | adjustable shutters
lamas orientables | *lames orientables* | movable blades
accionamiento manual | *commande manuelle* | manual drive

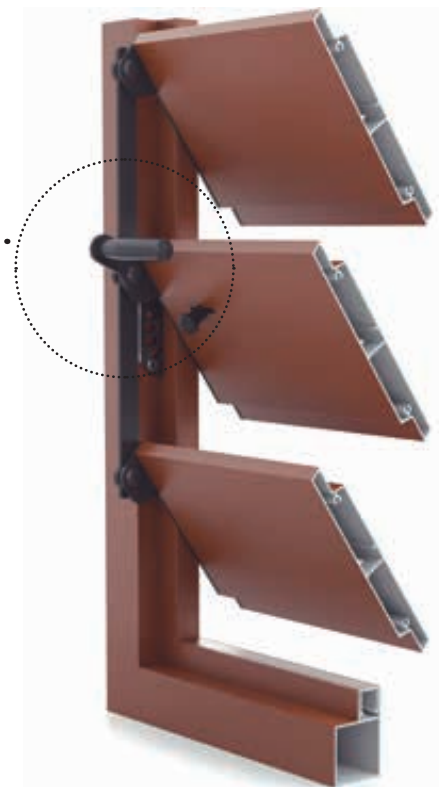
modelos | *modèles* | models



T80 T105P	T110 T140 T140P	H150 W150
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cerrojo de cierre y de posición
verrouillage de fermeture et de position
closing / positioning latch

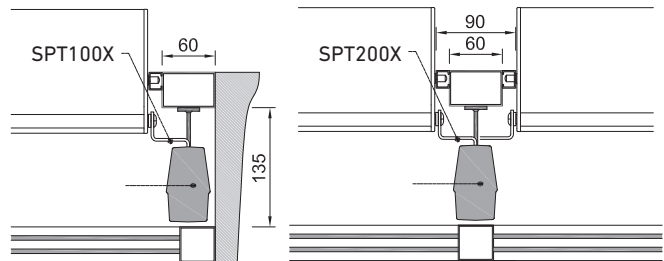
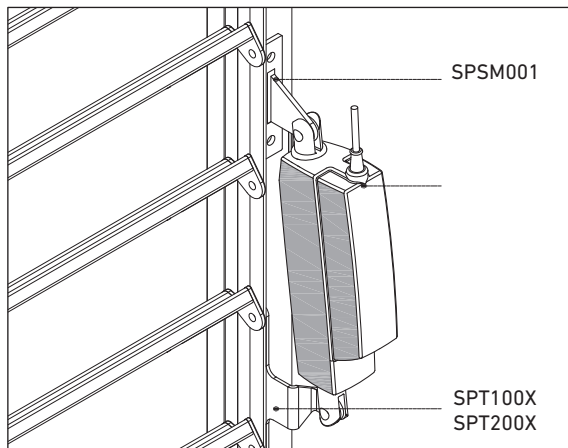
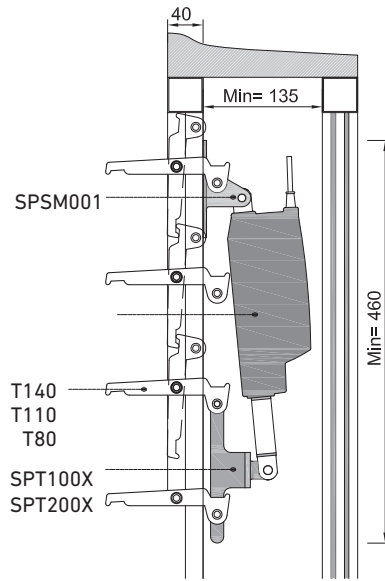
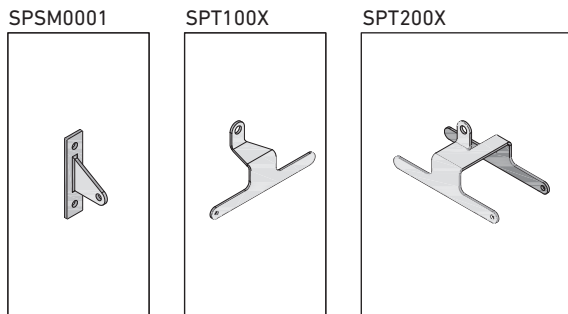
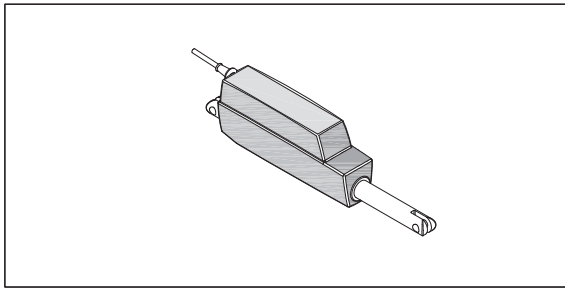






persianas orientables | persiennes | adjustable shutters
automatización lamas orientables | automatisation lames orientables |
automatization movable blades

motor | moteur | motor



características técnicas | caractéristiques techniques | technical characteristics

Marca / Marque / Trademark	Linak
Opciones / Options / Options	Cable / Wireless (RF)
Tensión (V) / Tension (V) / Voltage (V)	24V CC
Fuerza (N) / Force (N) / Load (N)	200N / 300N / 750N
Velocidad (mm/s) / Vitesse (mm/s) / Speed (mm/s)	6 / 14
Consumo (A) / Consommation (A) / Consumption (A)	Max 4,6
Grado de protección / Degré de protection / Protection rating	IP 66
Carcasa motor / Carter de moteur / Motor casing	ABS
Embolo / Piston / Piston	PA 6 Ultramid B3G10
Cubierta de pistón / Carter de piston / Piston casing	ABS
Certificado / Certifications / Certificats	CE
Conexión en paralelo / Branchement en parallèle / Parallel connection	Si / oui / yes
Garantía (meses) / Garantie (mois) / Warranty (months)	18



residence Student Hall
T140P/50SCL
Lanoire et Courrian Architectes
Bordeaux (France)

T140P/50SCL



T80/40L



H150/40L



W150/50SCL



Porticones con chapa metálica y paneles compuestos
Volets avec tôle métallique et panneaux en composite
Sheet metal and compound panel shutters



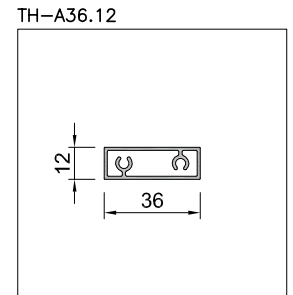
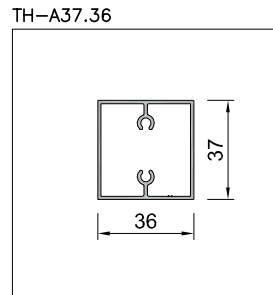
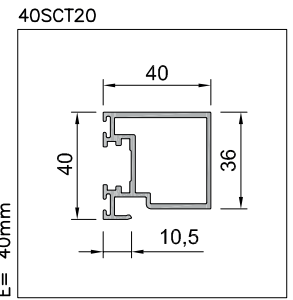
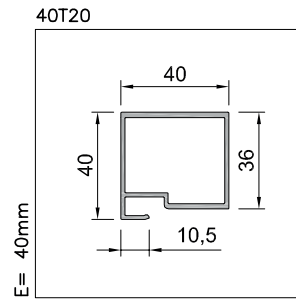
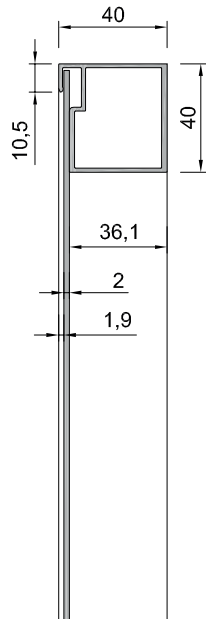


Residence Campus Comédie
A + Architecture
Montpellier (France)

HEURTOR
100m

Porticones con chapa metálica y paneles compuestos | *Volets avec tole metallique et panneaux en composite* | sheet metal and compound panel shutters

Full Opac 40T20



Carta de colores disponibles / *Chartes de couleurs disponibles* / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / *Option décoration* / Decoration option

Símil madera, *Similaire bois*, Wood appearance

Travesaños horizontales / *Traverses horizontales* / horizontal transoms

TH-A37.36, TH-A36.12

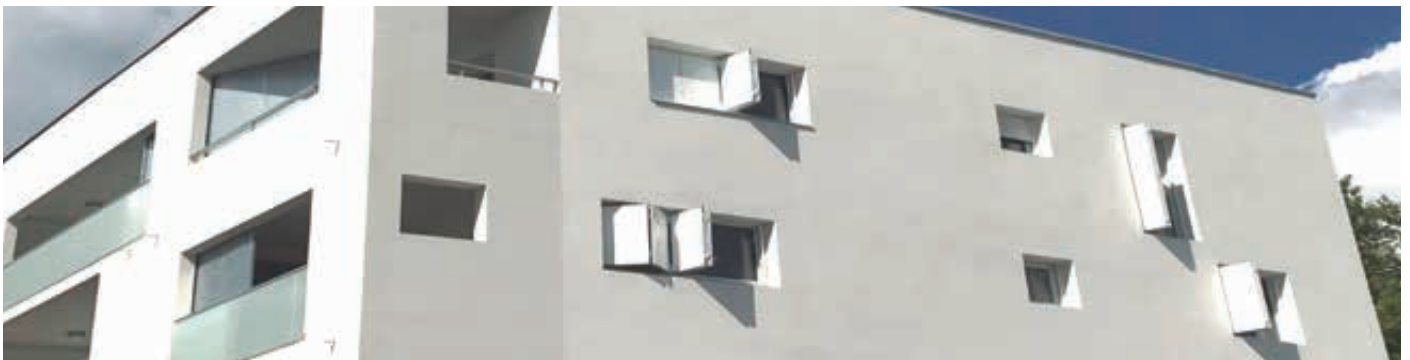
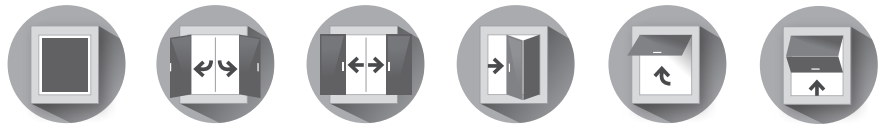
Travesaños verticales / *Traverses verticales* / vertical transoms

TH-A37.36, TH-A36.12

Peso del sistema / *Poids du système* / System weight

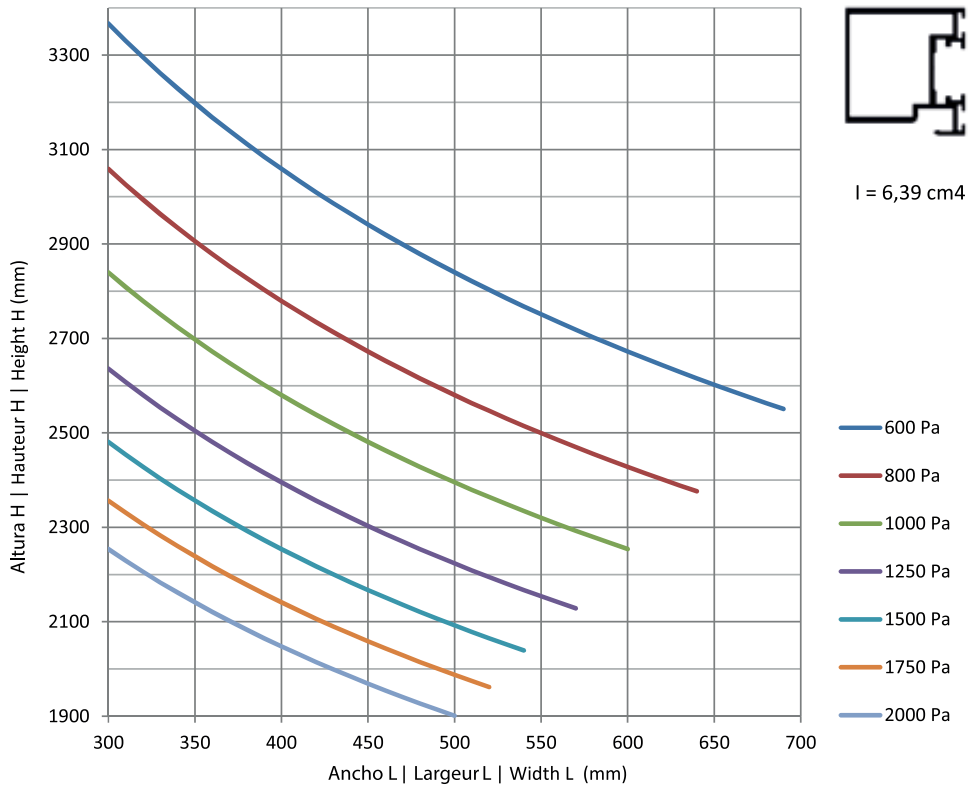
8.5 kg/m²

Soluciones constructivas | *solutions constructives* | constructive solutions



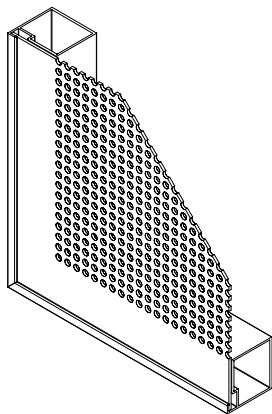
Alto máximo del porticón, según el ancho y la presión de viento
 Hauteur maximale du vantail, selon la largeur et la pression du vent
 Maximum shutter height, depending on width and wind pressure

40SCT20

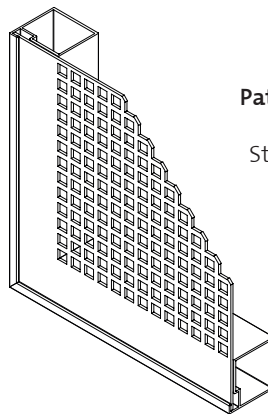


Criterio | Critère | Criterion: $\delta < H/100$
 δ : Máximo desplazamiento elástico del perfil bastidor
 Déplacement élastique maximal du profil cadre
 Maximum elastic displacement of the frame profile

R5-U8

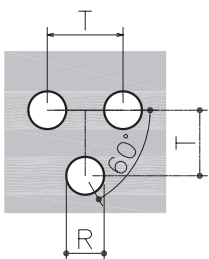


C8-U12

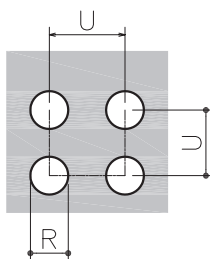


Patrones de perforado estándar
 Formes de maille standard
 Standard perforation patterns

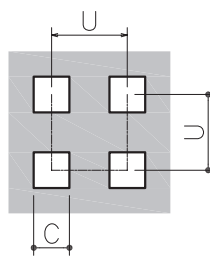
RT-60°



RU



CU

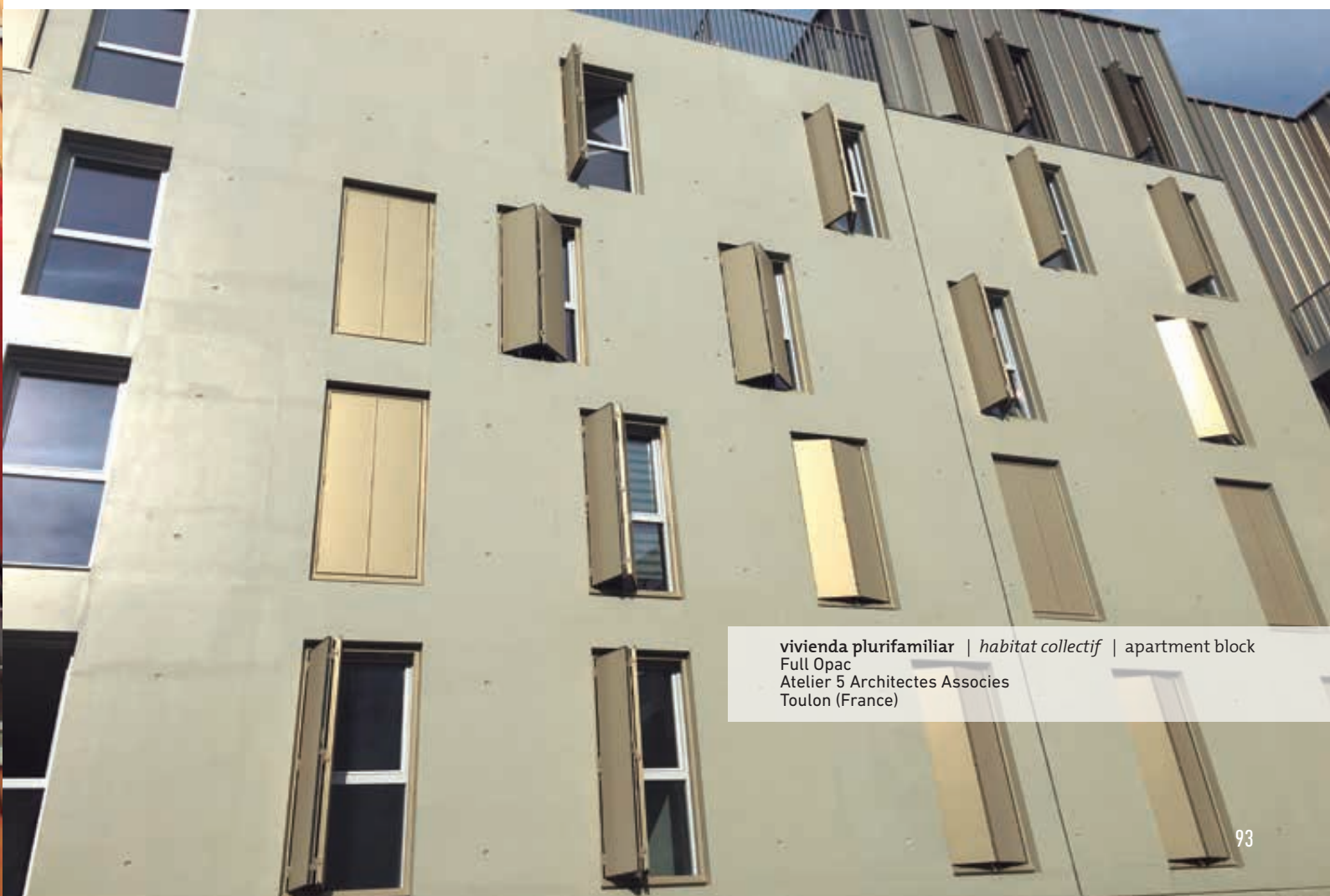


Patrones estándar y porcentajes de área perforada
 Formes de maille standard et pourcentage de vide
 Standard patterns and hollow percentages

RT-60°		RU		CU	
R3/T5	33%	R3/U6	19.6%	C8/U12	44%
R5/T7.5	40%	R5/U8	30%	C15/U20	56%
R10/T14	46%	R10/U15	35%		



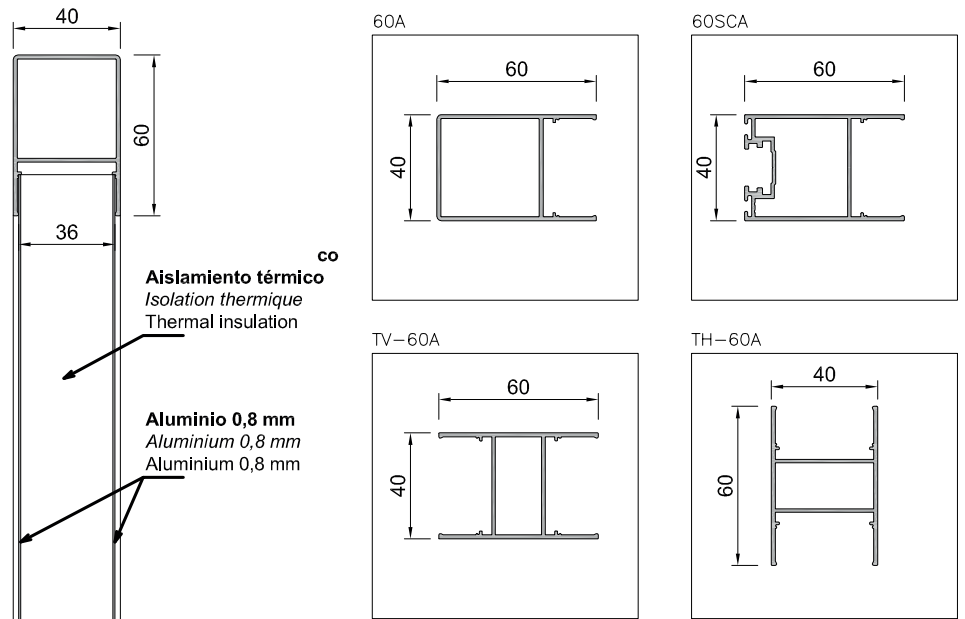
vivienda plurifamiliar | *habitat collectif* | apartment block
Full Perforat
Benjamin Fleury Architecte
Pantin (France)



vivienda plurifamiliar | *habitat collectif* | apartment block
Full Opac
Atelier 5 Architectes Associes
Toulon (France)

Contraventanas con chapa metálica y paneles compuestos | *Volets avec tôle métallique et panneaux en composite* | sheet metal and compound panel shutters

Sandwich 60A



Carta de colores disponibles / *Chartes de couleurs disponibles* / Color charts available

RAL Classic, RAL Design, Futura

Opción decoración / *Option décoration* / Decoration option

Símil madera, *Similaire bois*, Wood appearance

Travesaños horizontales / *Traverses horizontales* / horizontal transoms

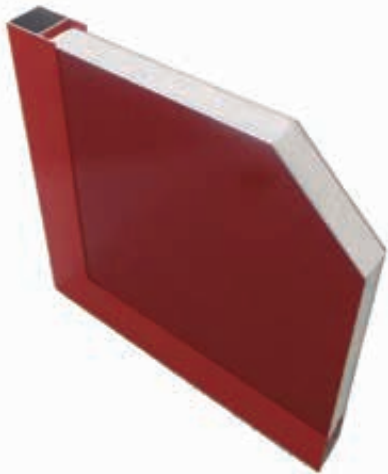
TH-60A

Travesaños verticales / *Traverses verticales* / vertical transoms

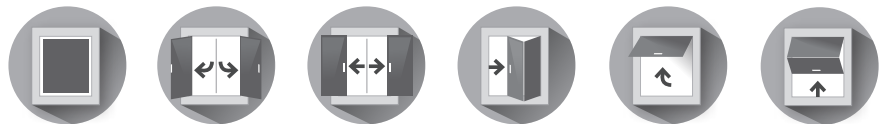
TV-60A

Peso del sistema / *Poids du système* / System weight

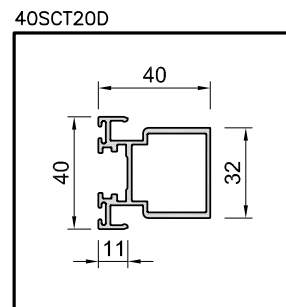
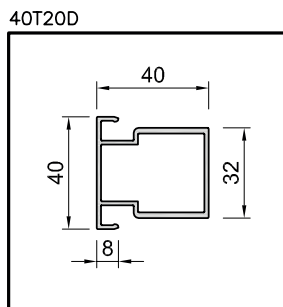
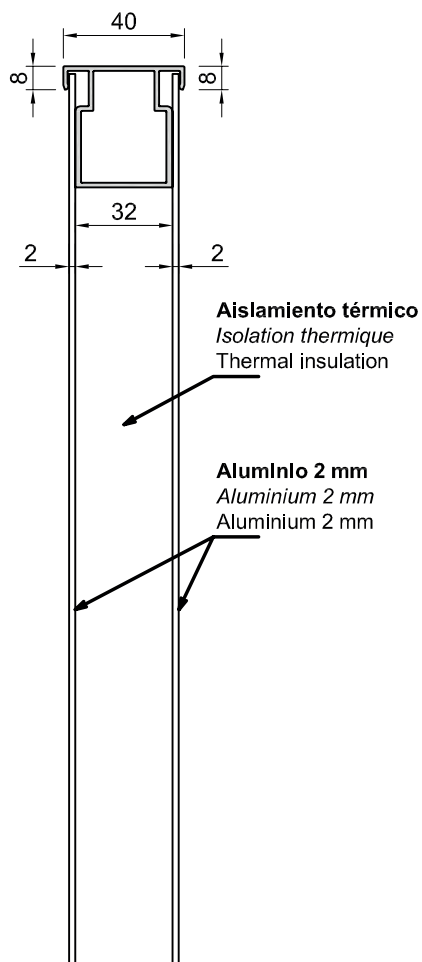
12 kg/m²



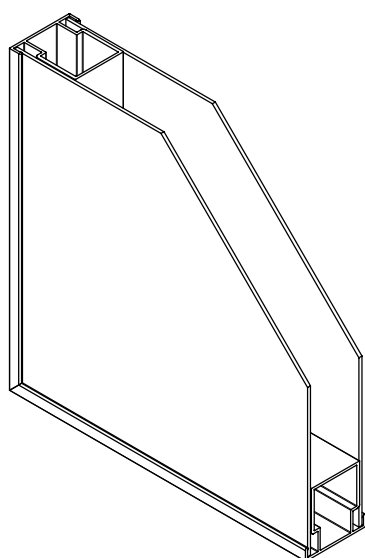
Soluciones constructivas | *solutions constructives* | constructive solutions



Sandwich 40T20D



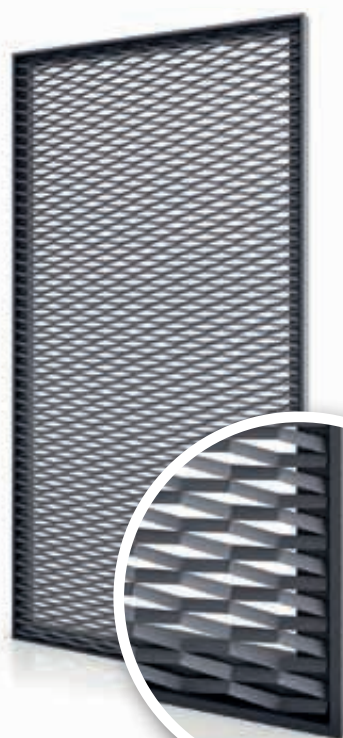
Sandwich 40T20D



FULL OPAC



METALIC EXPANDIT



PANEL HPL OPAC



PANEL HPL PERFORAT

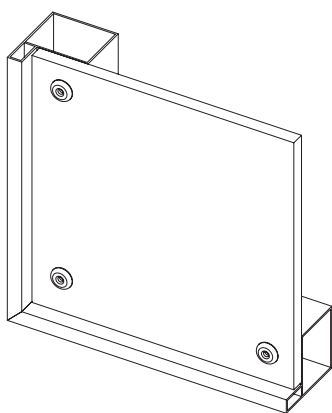




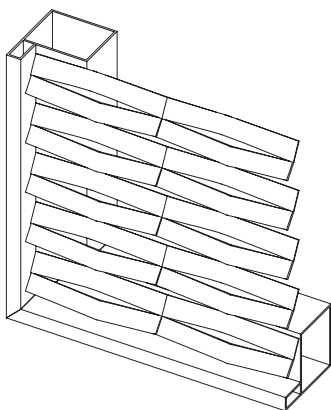
amplia gama de bastidores para diferentes tipos de panel | *large gamme de cadres pour différents types de panneaux* | wide range of frames for different panel types



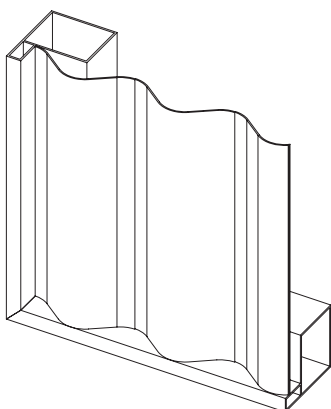
Panel HPL Opac




Metalic Expandit



Full Ona Opac



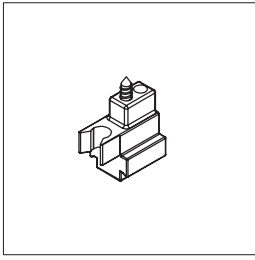
The image shows a close-up, low-angle view of a building's exterior. The facade is composed of a grid of vertical, light-colored slats, likely made of wood or bamboo, which create a rhythmic, textured pattern. Several windows of various sizes and shapes are integrated into this grid. Some windows are open, revealing dark frames and interior details like railings. The lighting is bright, suggesting a sunny day, and the overall aesthetic is modern and architectural.

soluciones constructivas
solutions constructives
constructive solutions

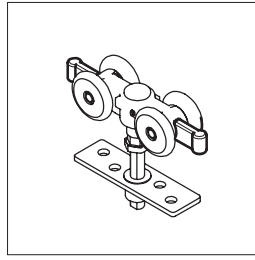
Bassins à Flot, Ilot B9
Baggio-Piechaud Architectes
Bordeaux (France)

soluciones constructivas | *solutions constructives* | **constructive solutions**
corredera | *coulissant* | **sliding panel**

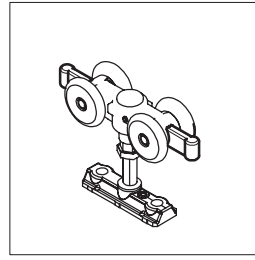
GR39



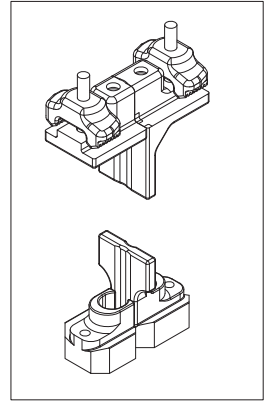
KCN



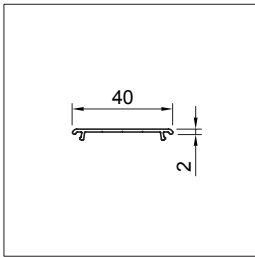
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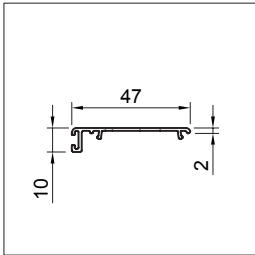
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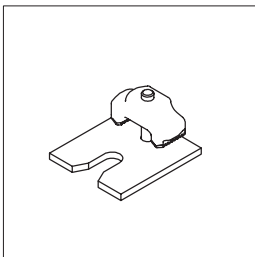
TL40



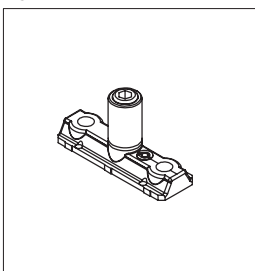
TL47



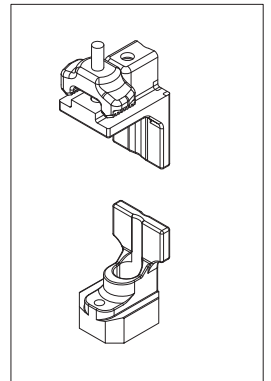
AFC



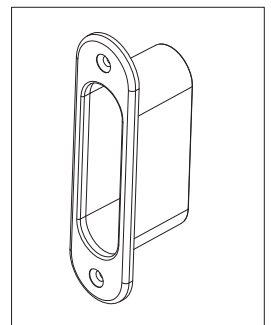
PGI



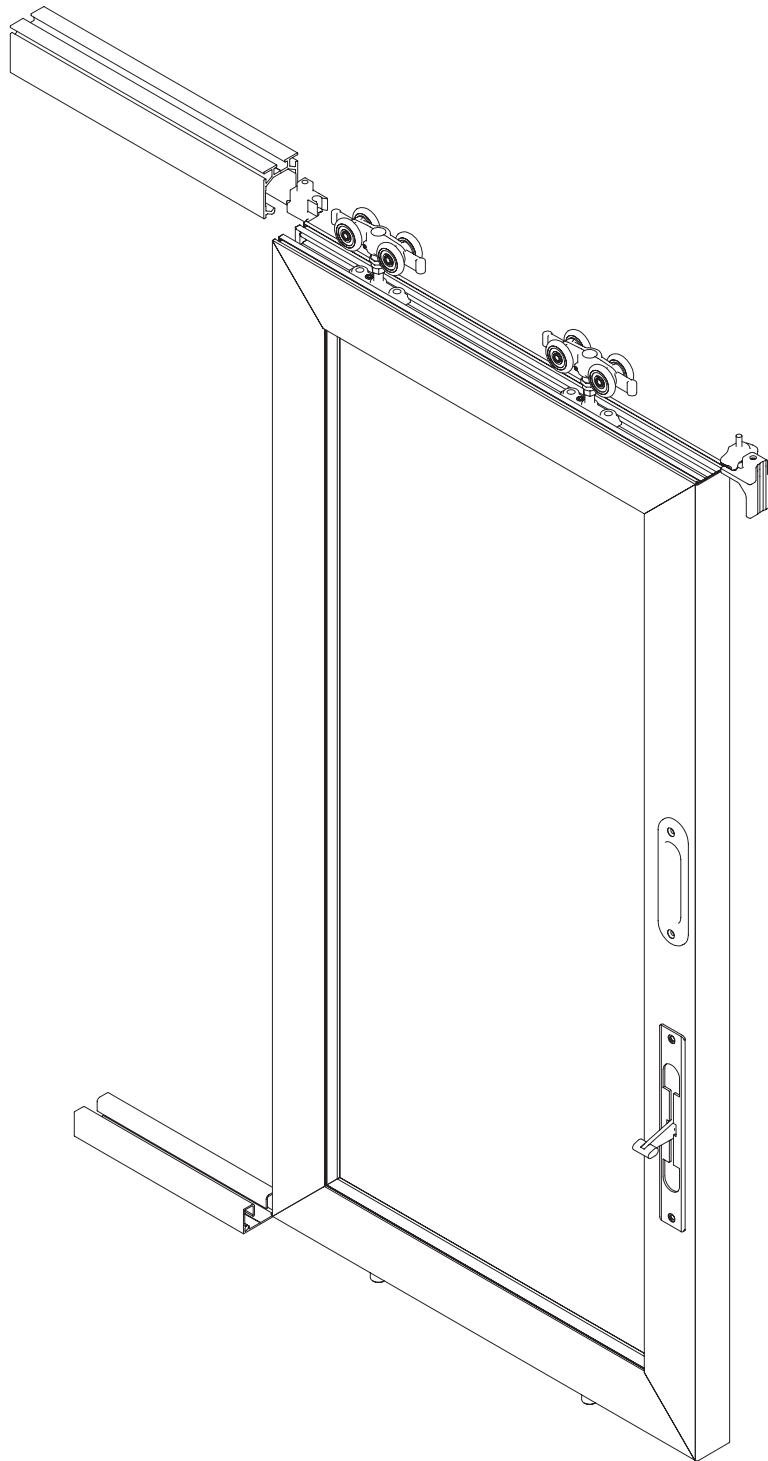
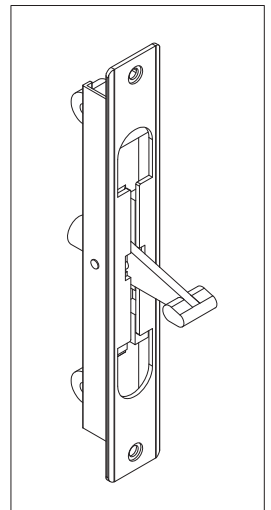
KTE

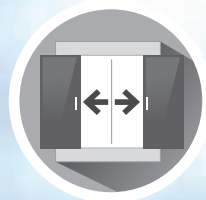


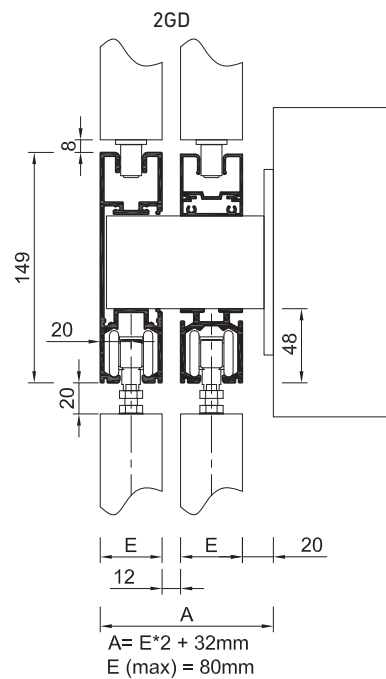
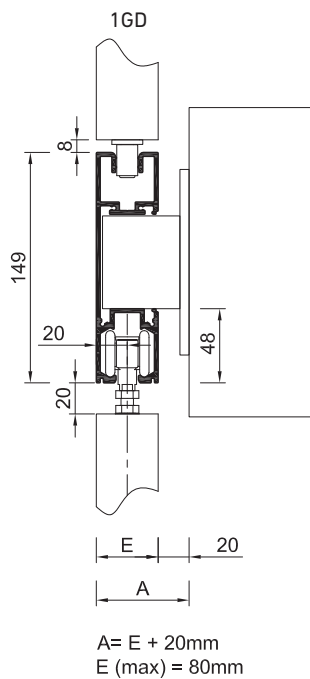
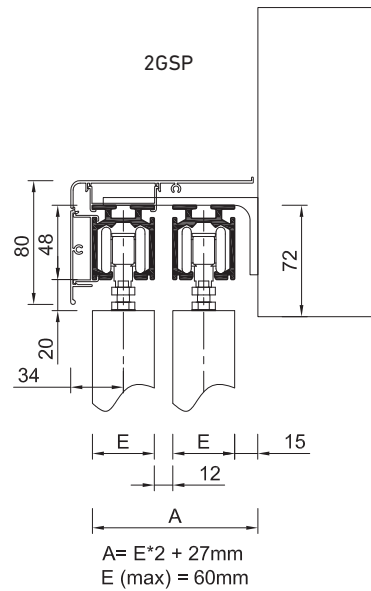
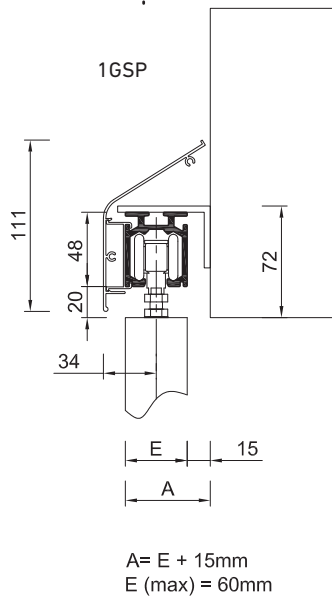
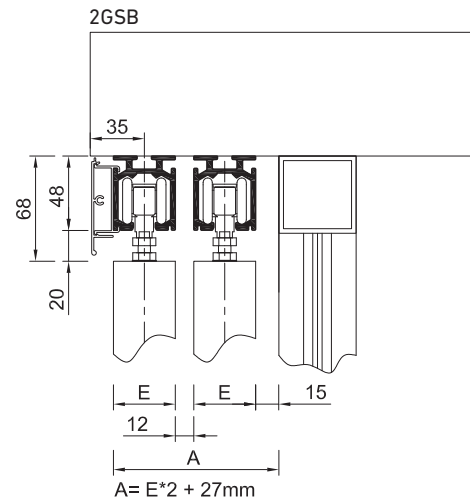
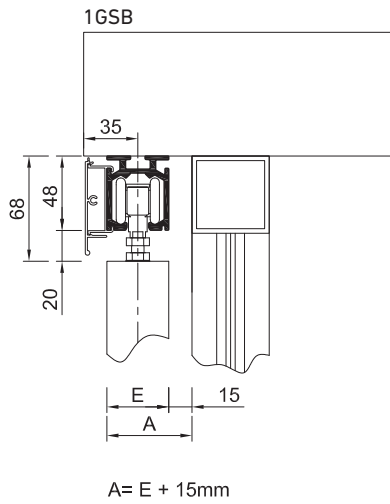
TUN

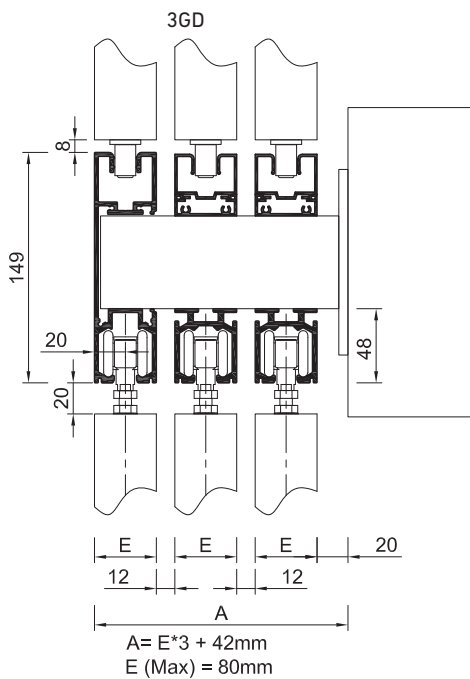
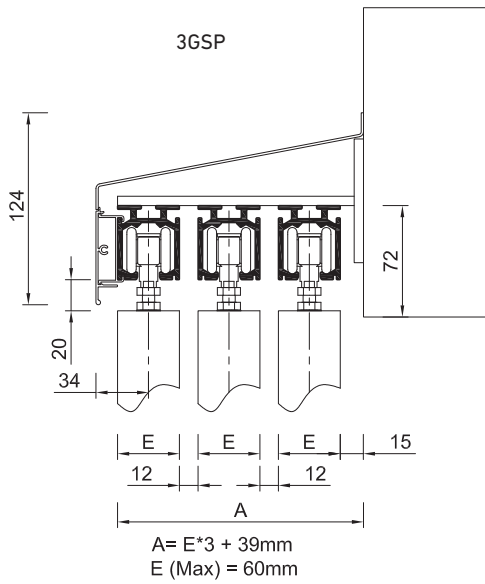
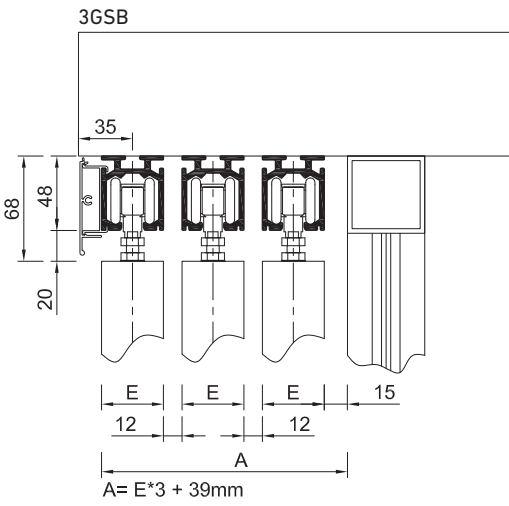


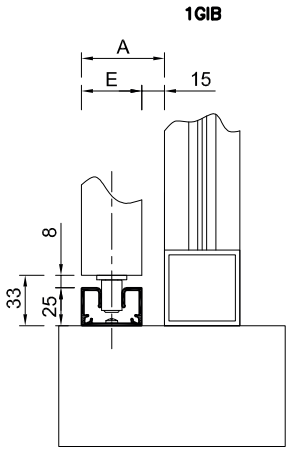
ADA



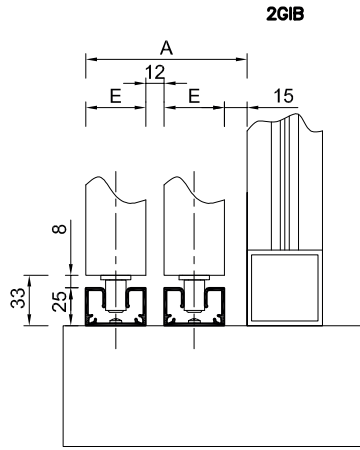




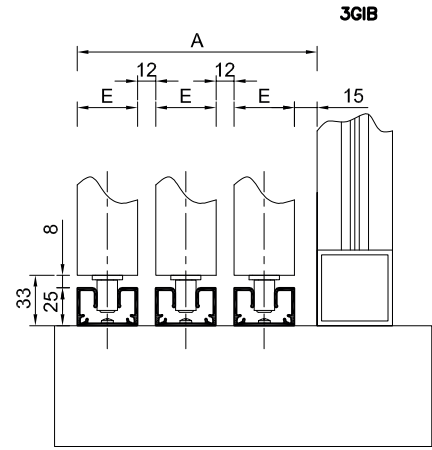




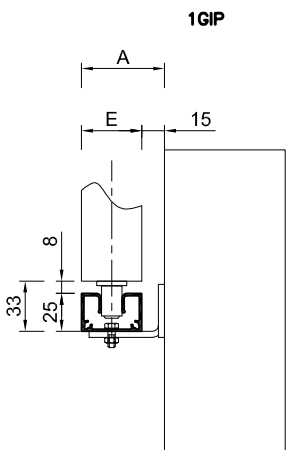
$A = E + 15\text{mm}$



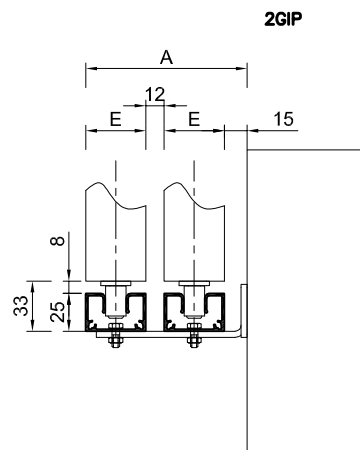
$A = E * 2 + 27\text{mm}$



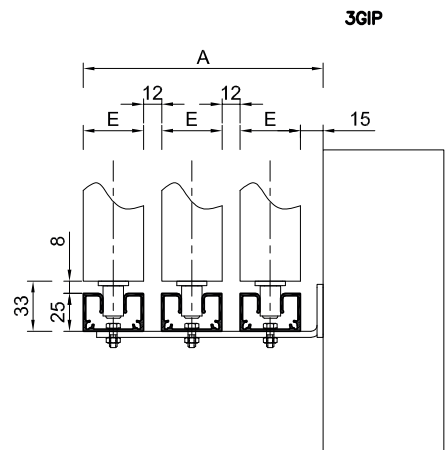
$A = E * 3 + 39\text{mm}$



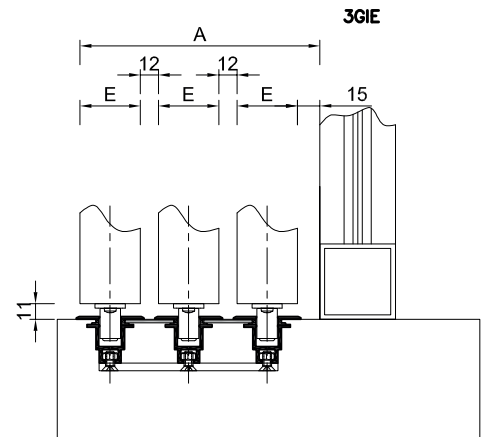
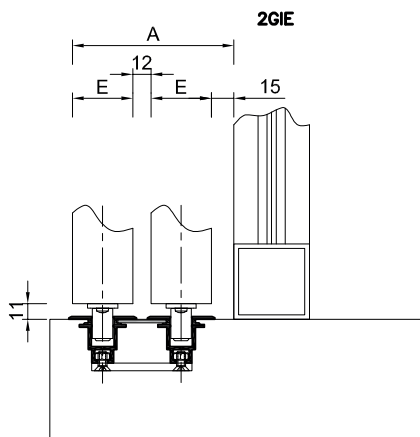
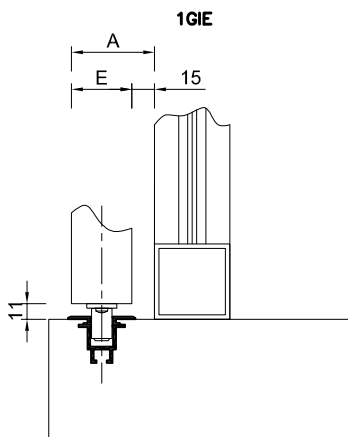
$A = E + 15\text{mm}$
 $E (\text{max}) = 60\text{mm}$

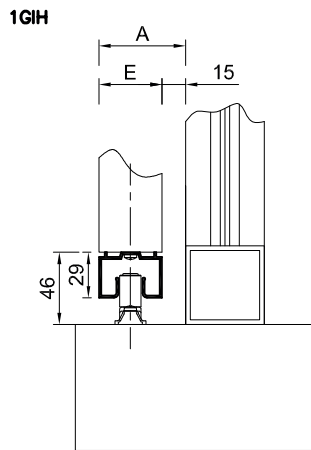
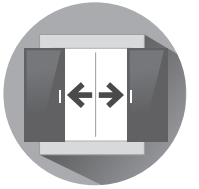


$A = E * 2 + 27\text{mm}$
 $E (\text{max}) = 60\text{mm}$

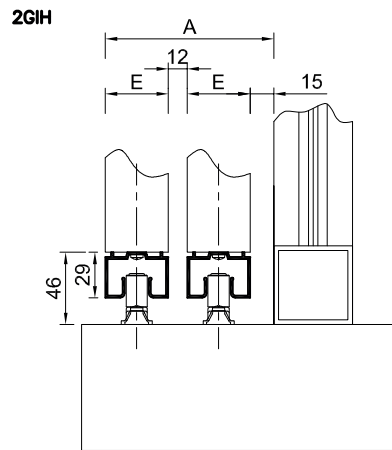


$A = E * 3 + 39\text{mm}$
 $E (\text{max}) = 60\text{mm}$

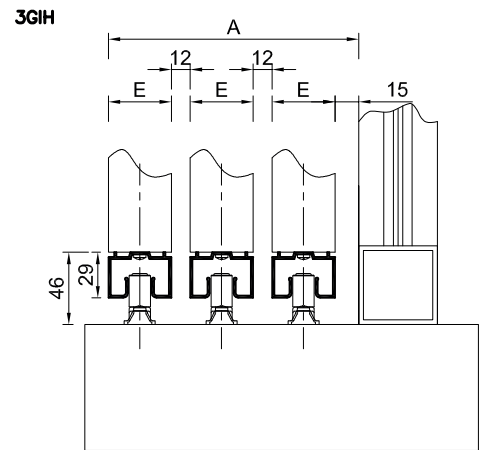




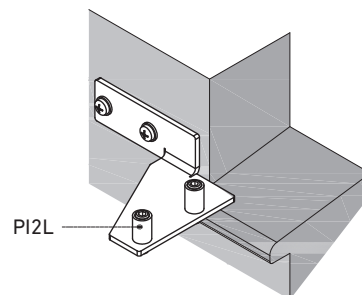
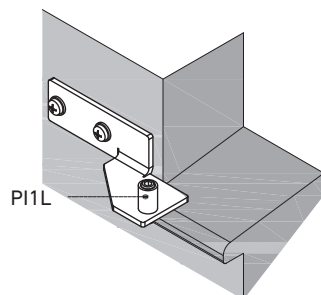
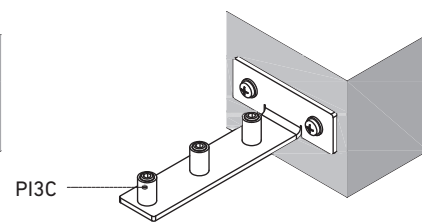
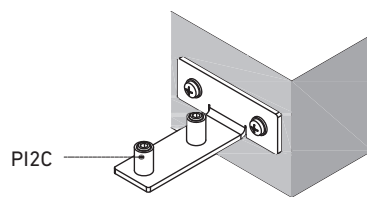
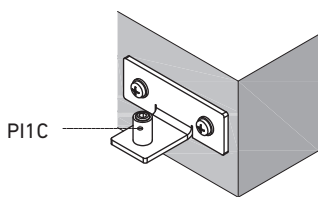
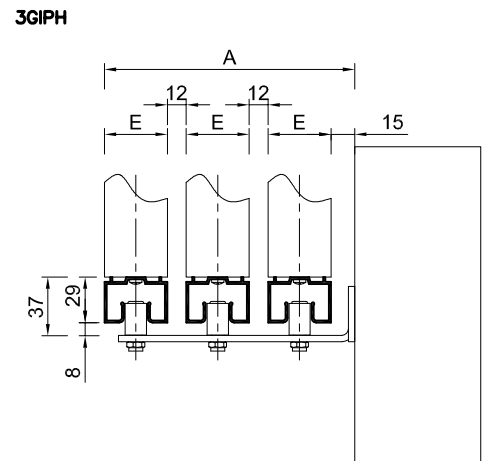
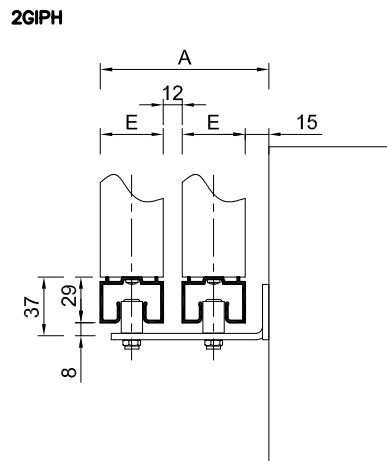
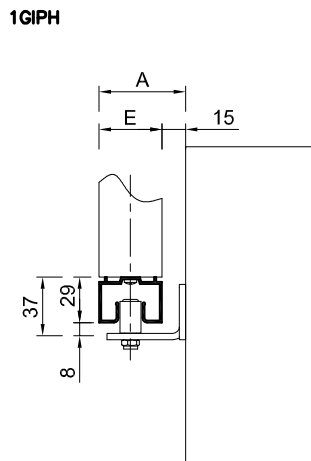
$$A = E + 15\text{mm}$$



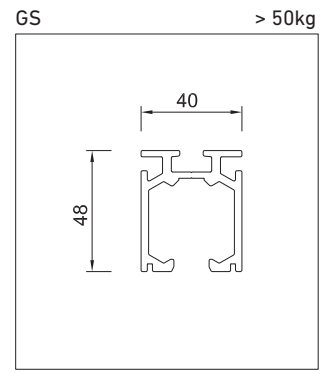
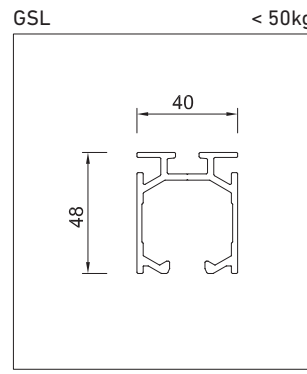
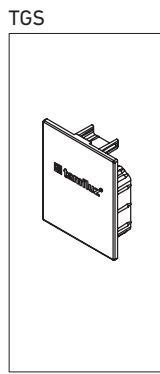
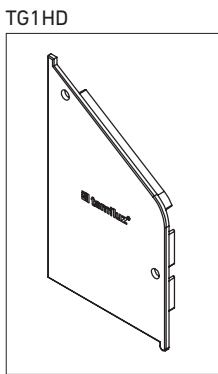
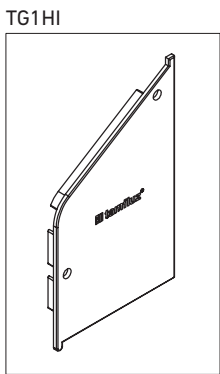
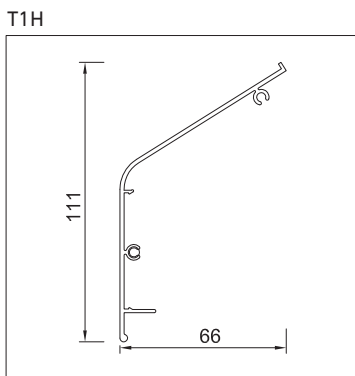
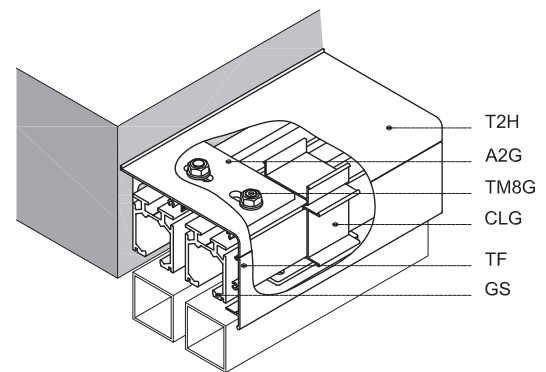
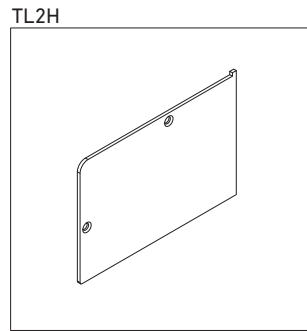
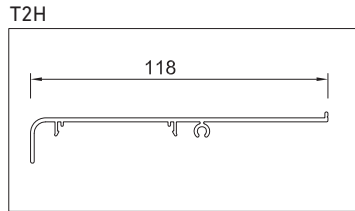
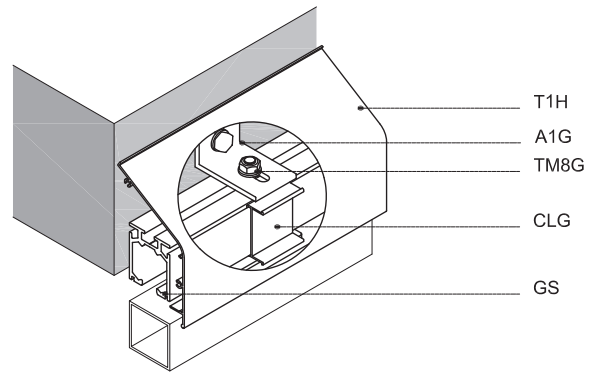
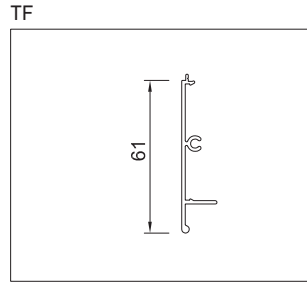
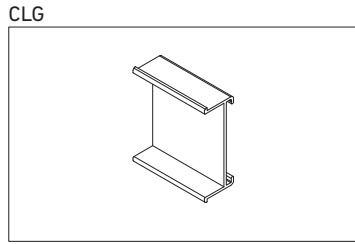
$$A = E * 2 + 27\text{mm}$$



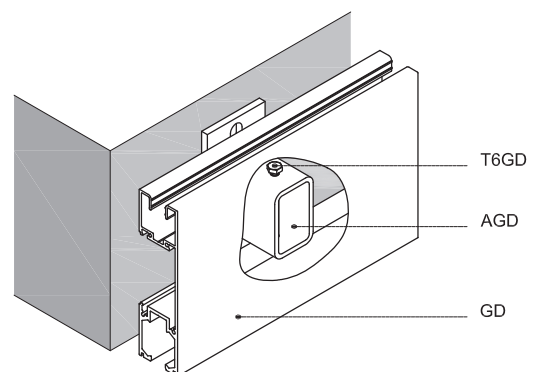
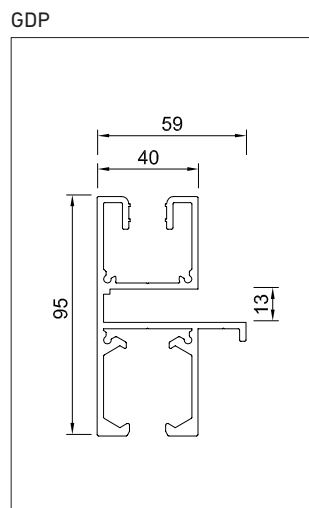
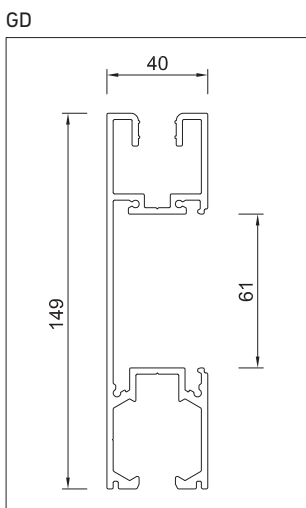
$$A = E * 3 + 39\text{mm}$$

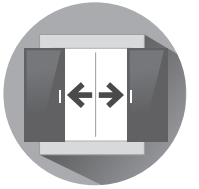


soluciones constructivas | *solutions constructives* | **constructive solutions**
corredera | *coulissant* | **sliding panel**

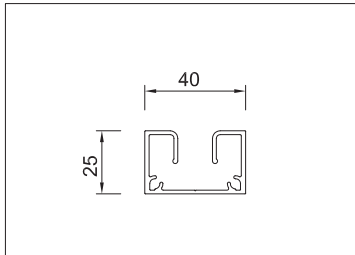


TGIR

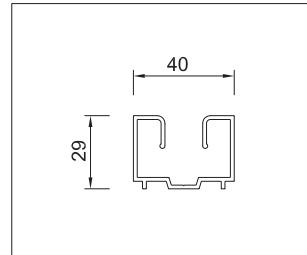




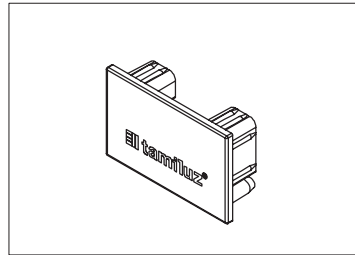
GIL



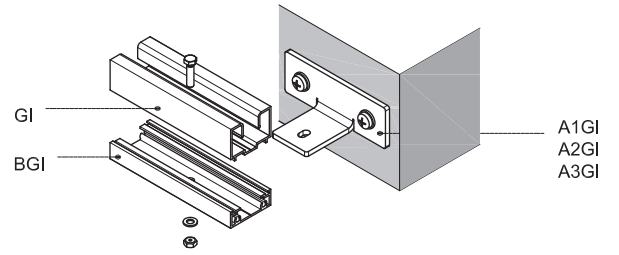
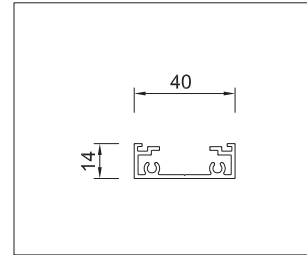
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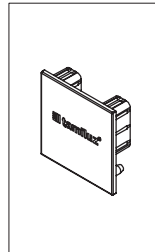
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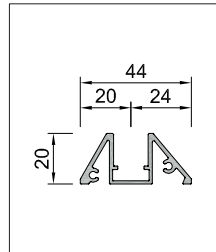
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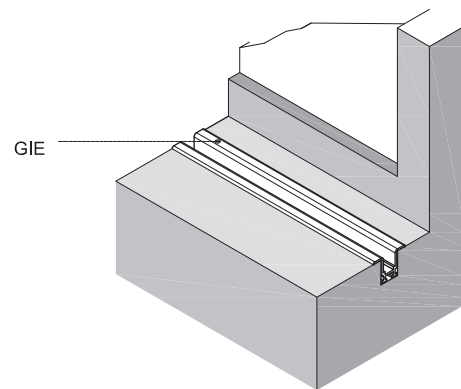
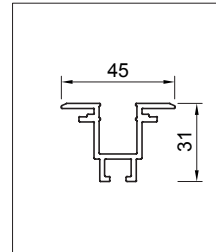
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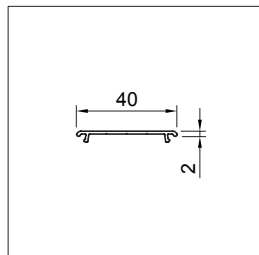
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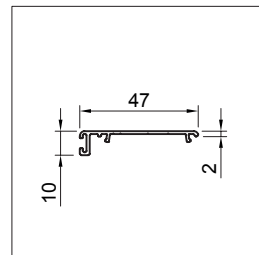
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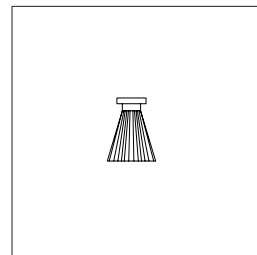
TL40



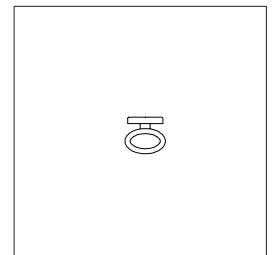
TL47



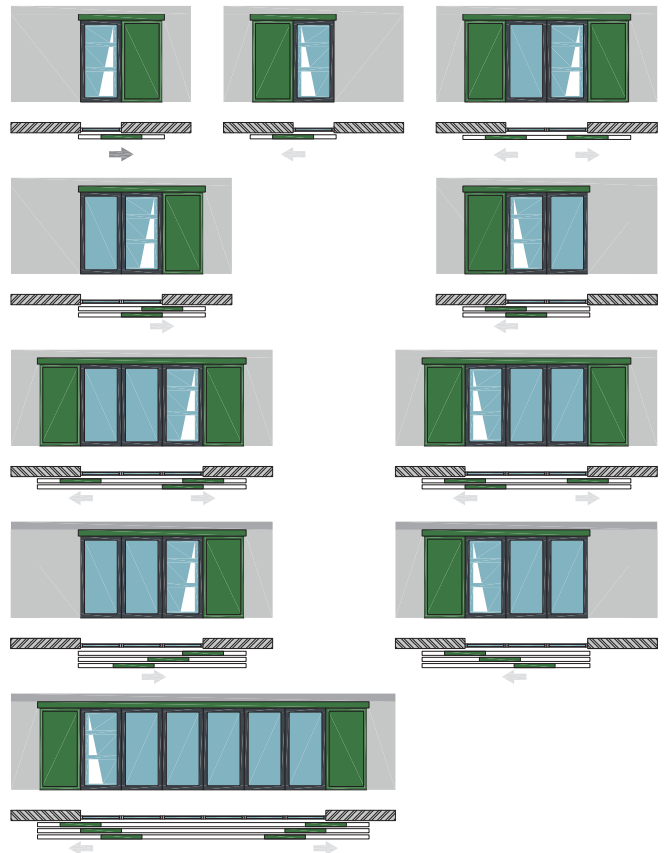
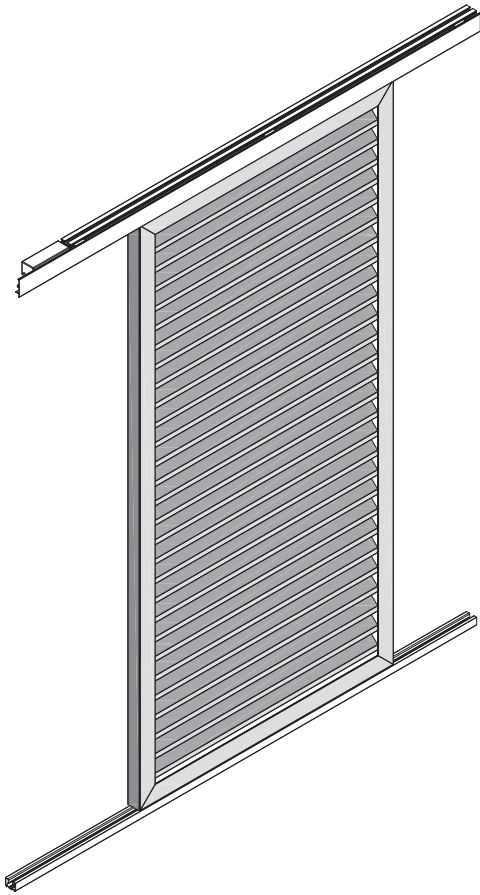
F15



BUR



esquemas de apertura con 1 motor
schémas d'ouverture avec 1 moteur
 opening schemes with 1 motor



características técnicas | *caractéristiques techniques* | *technical characteristics*

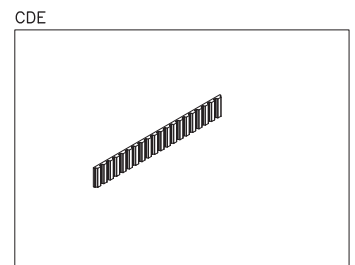
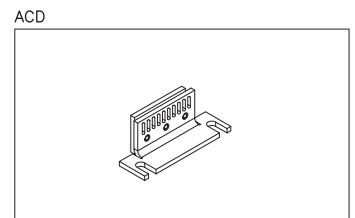
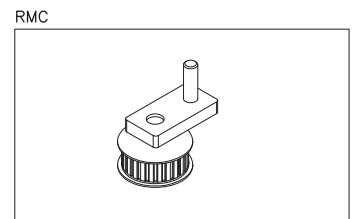
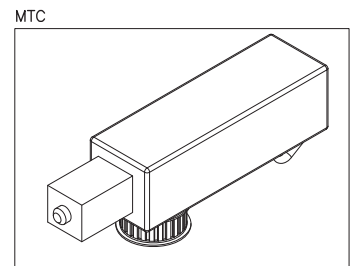
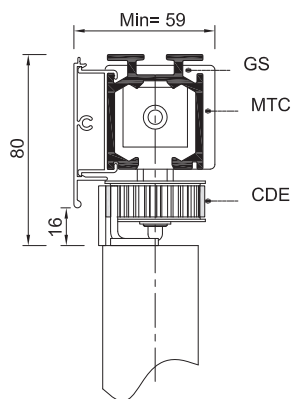
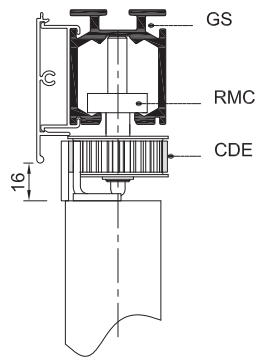
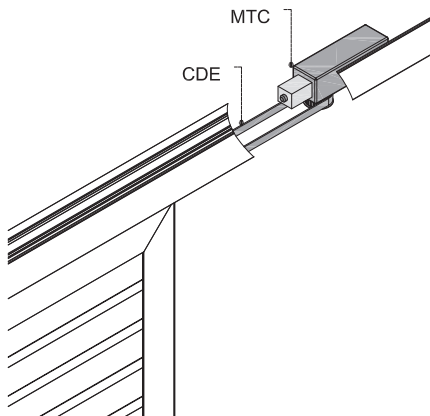
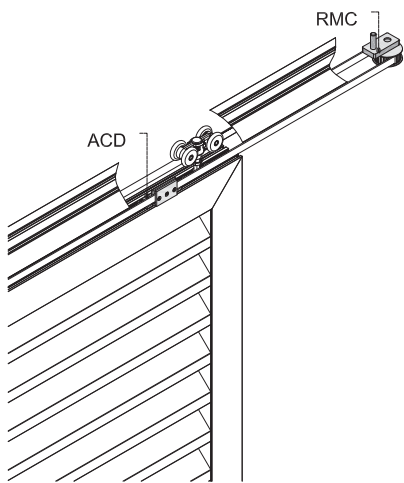
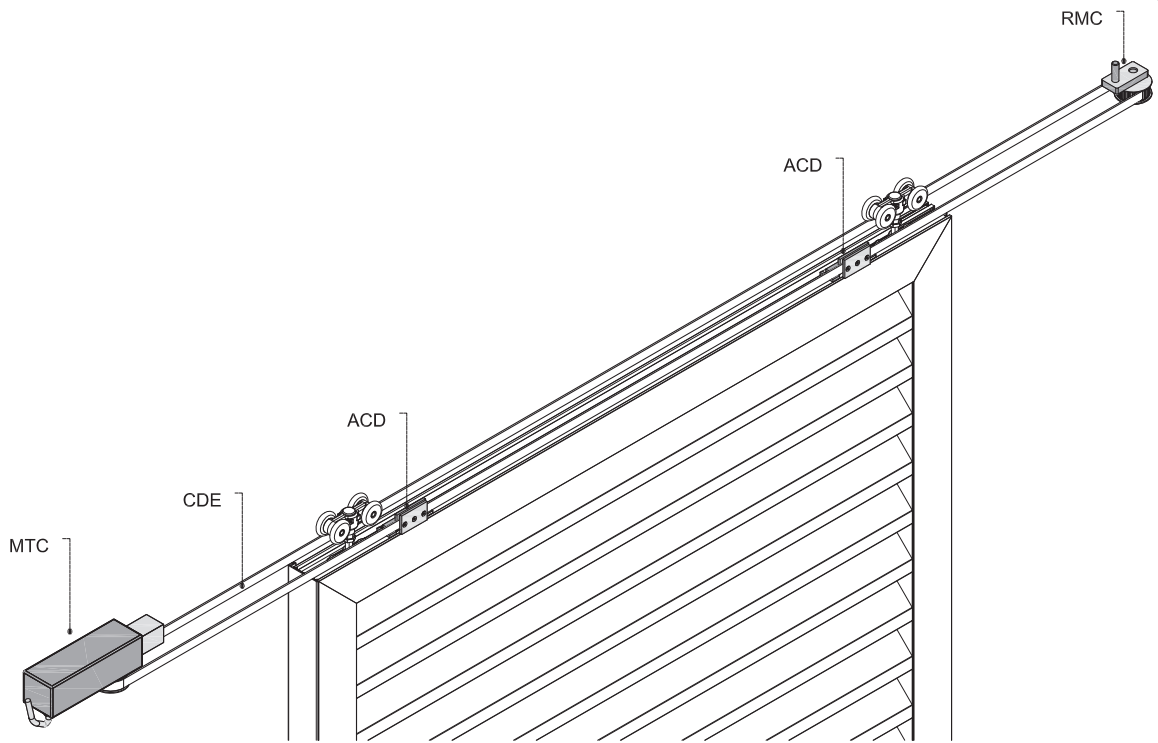
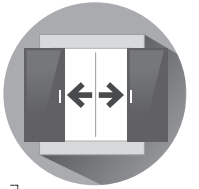
Tension motor (V)	24 V DC	<i>Tension moteur(V) / Motor Voltage (V)</i>
Alimentacion (V)	230 V ac	<i>Alimentation (V) / Power supply (V)</i>
Velocidad (mm/s)	105	<i>Vitesse (mm/s) / Speed (mm/s)</i>
Máximo recorrido correa	7,5 mts	<i>itinéraire maximale de la bande / maximum belt course</i>
Grado de protección	IP 55	<i>Degré de protection / Protection rating</i>
Certificado	CE	<i>Certifications / certificates</i>
Garantía (años)	2	<i>garantie (ans) / warranty (years)</i>
Integracion domotica	si / oui / yes	<i>intégration domotique / domotic integration</i>

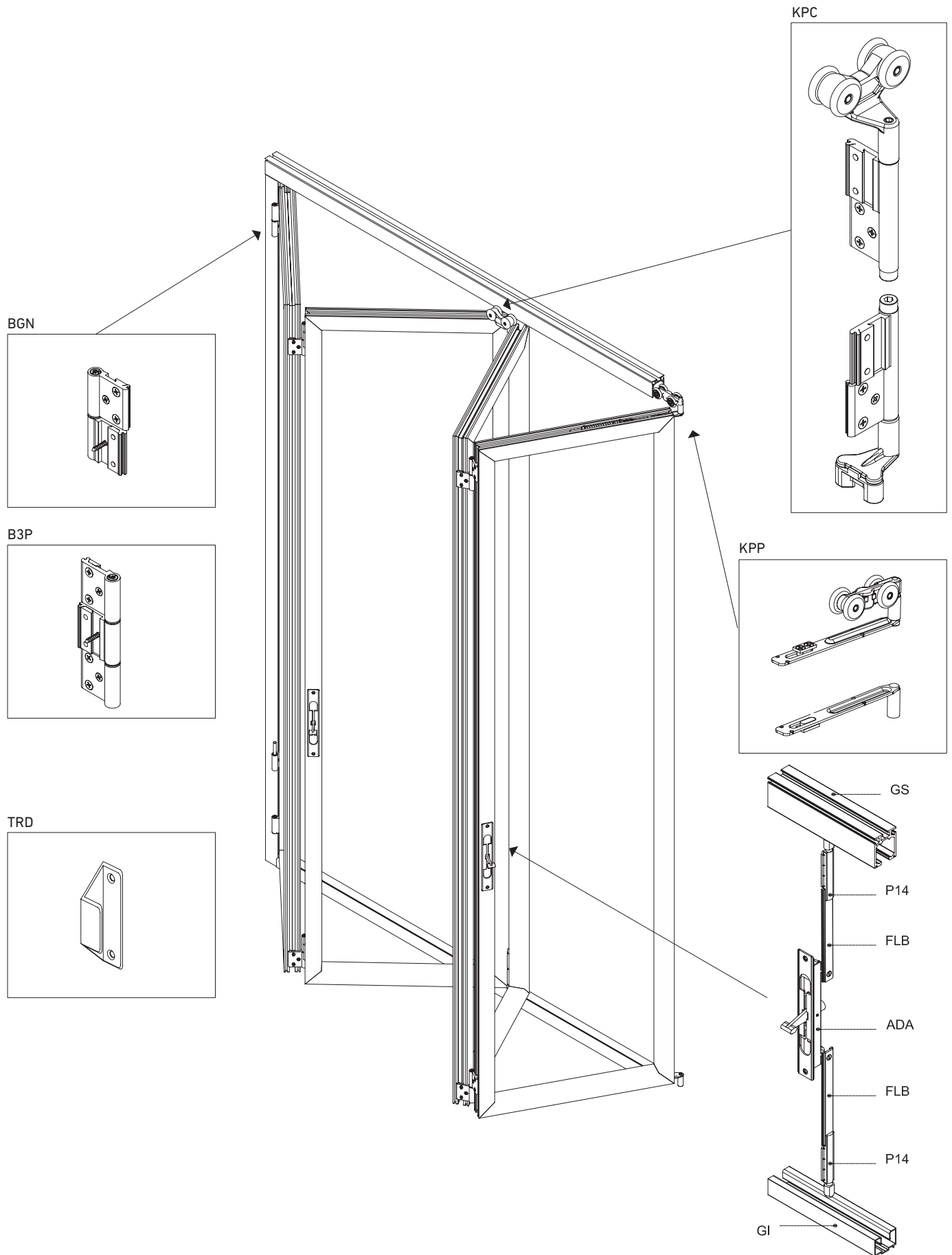
capacidad de carga total | *capacité totale de transport* | *total load capacity*

1 panel	100 kg	<i>1 panneu / 1 panel</i>
Multiples paneles	120 kg	<i>plusieurs panneaux / plusieurs panneaux</i>



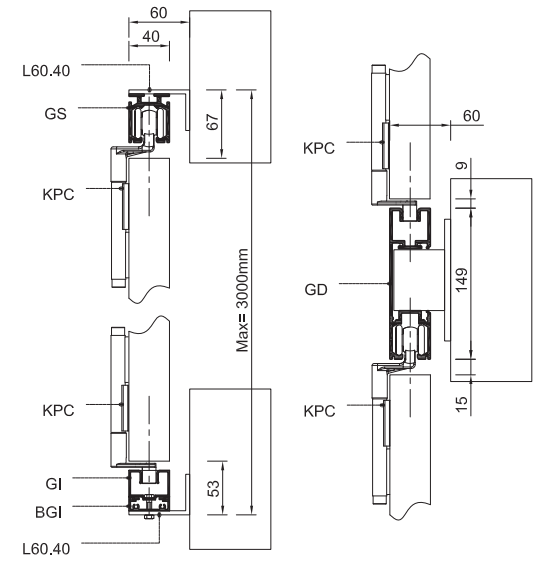
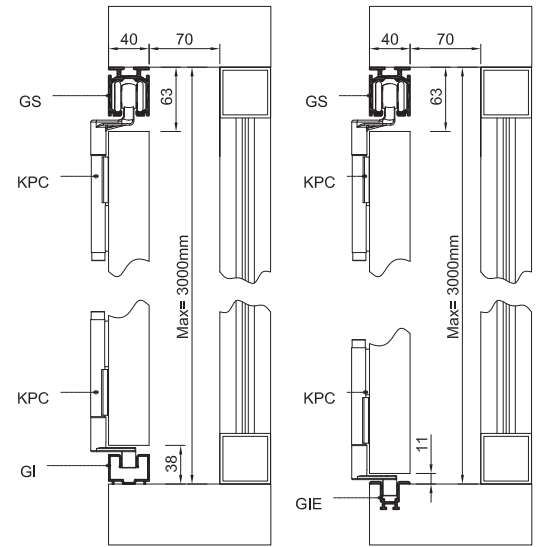
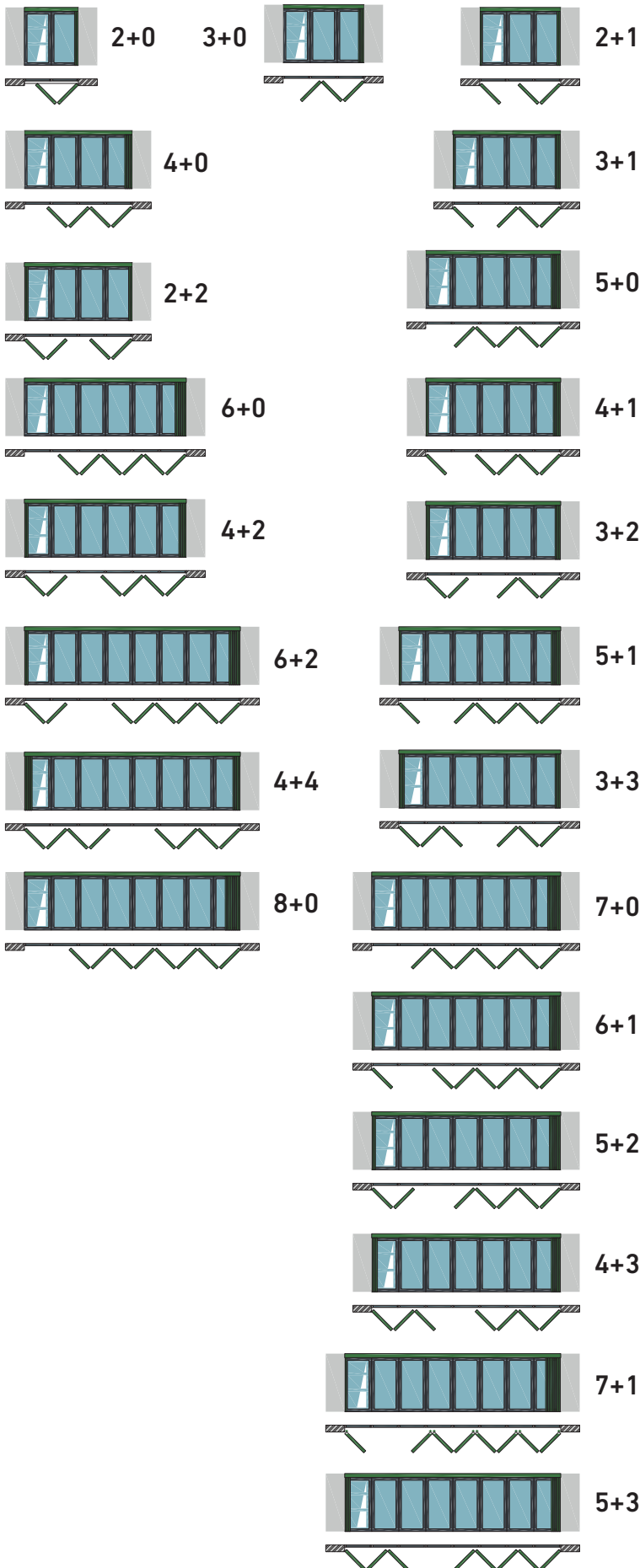
Las lamas orientables se deben cerrar antes de desplazar los paneles
les lames orientables doivent être fermées avant de déplacer les panneaux
 The movable blades must be closed before moving the panels

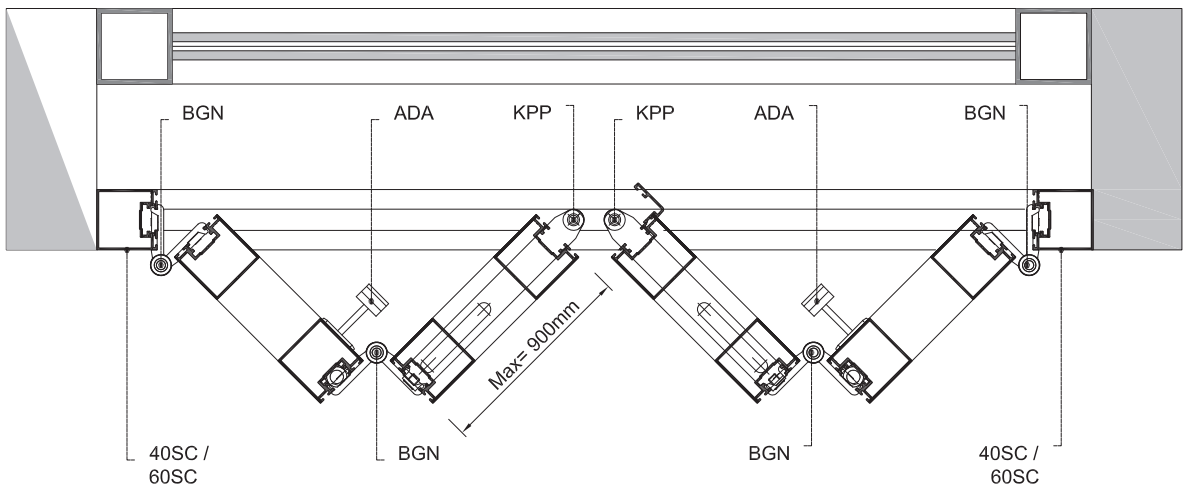
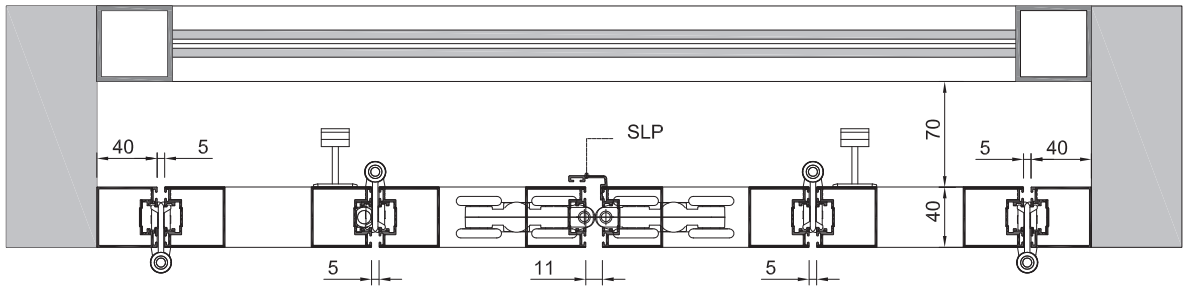
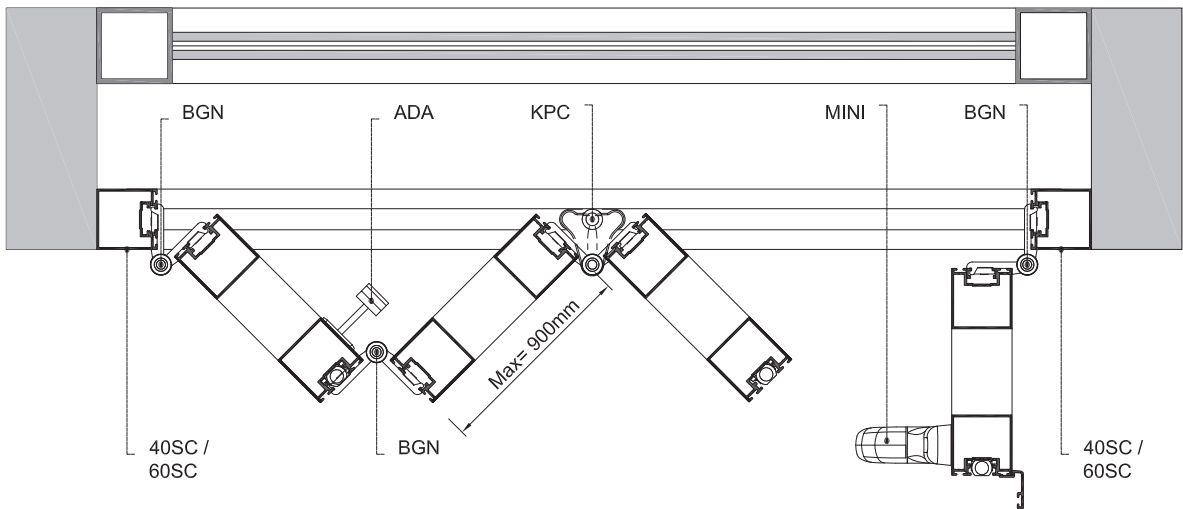
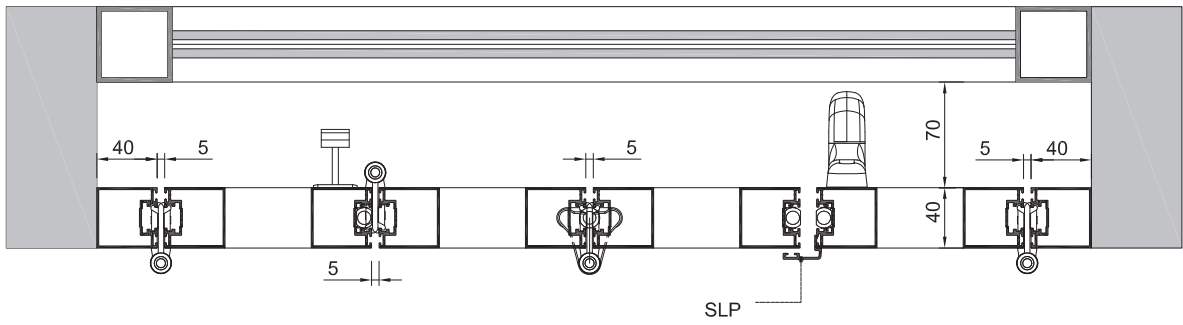


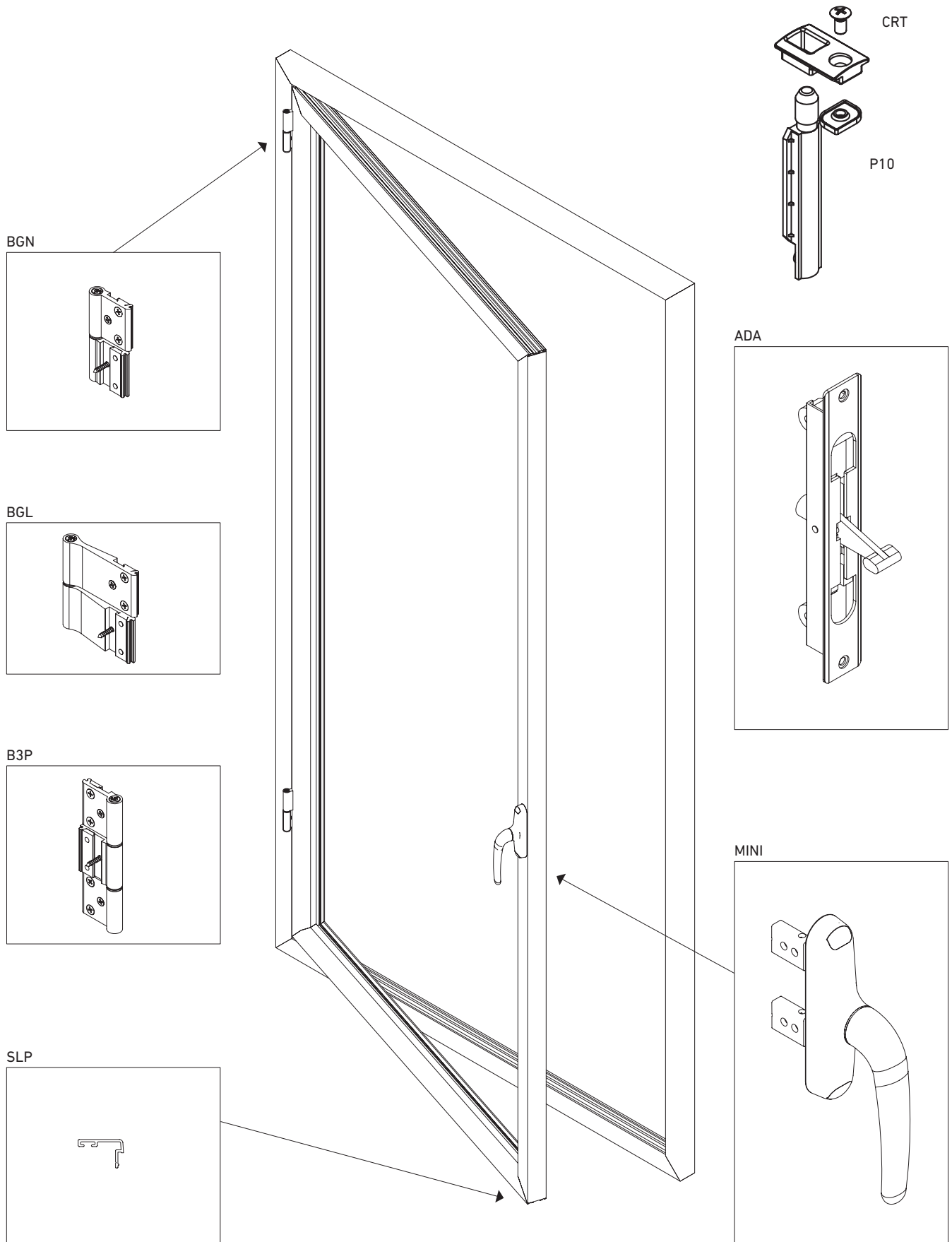


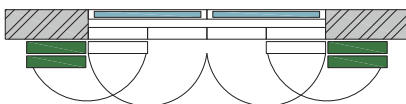
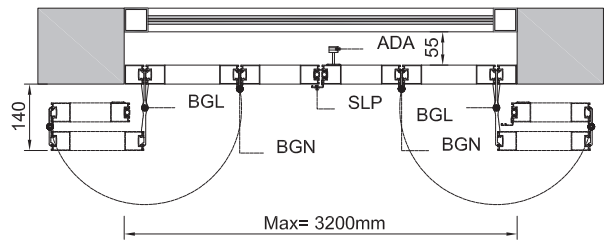
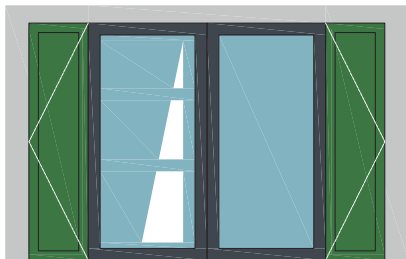
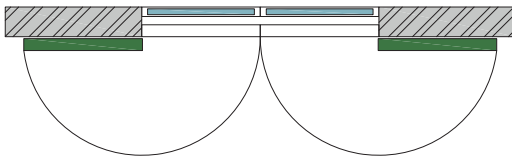
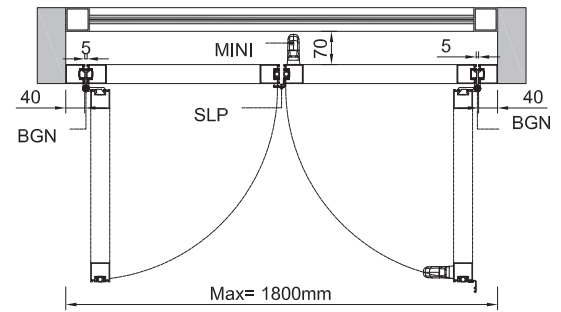
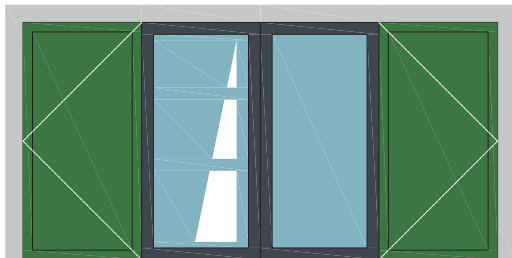
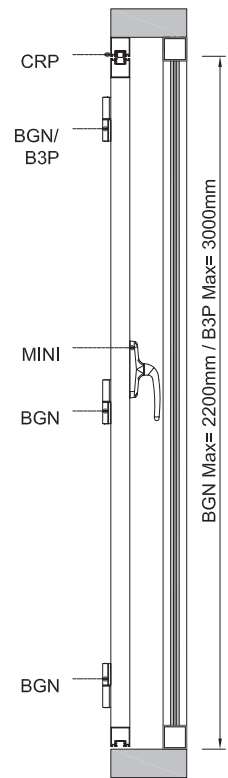
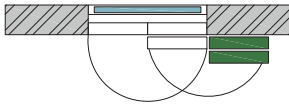
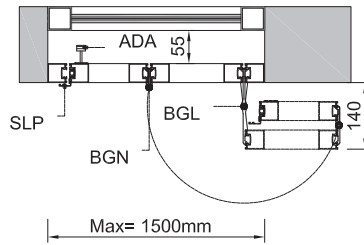
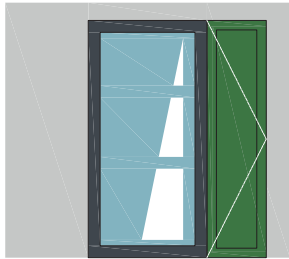
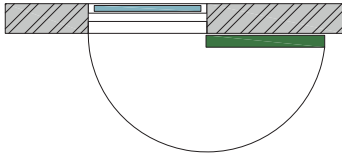
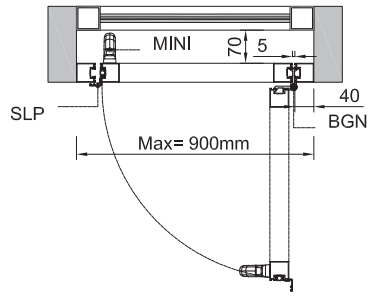
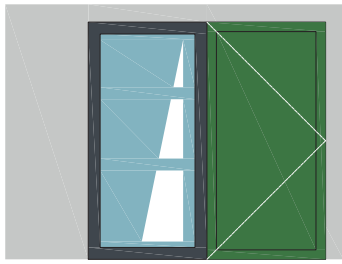
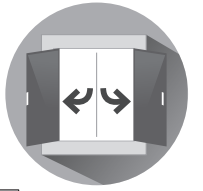


soluciones constructivas | solutions constructives | constructive solutions
 plegable | pliable | folding panel
 esquemas de apertura | schémas d'ouverture | opening schemes

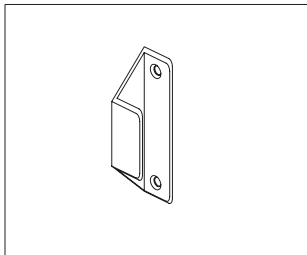




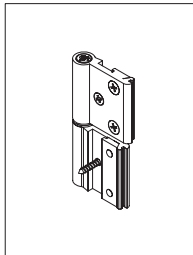




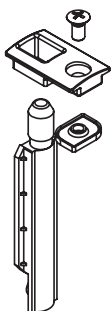
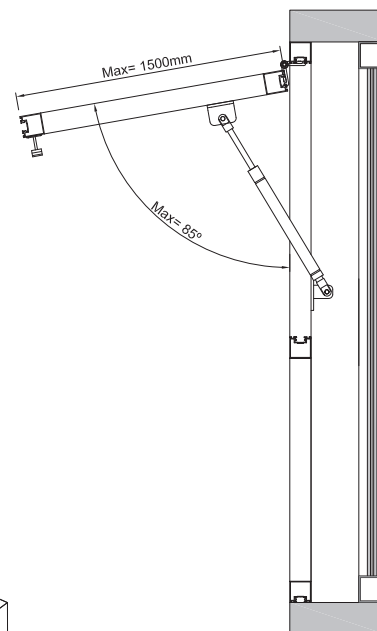
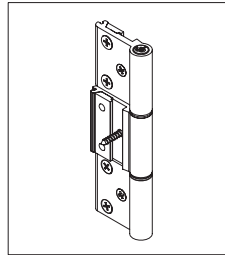
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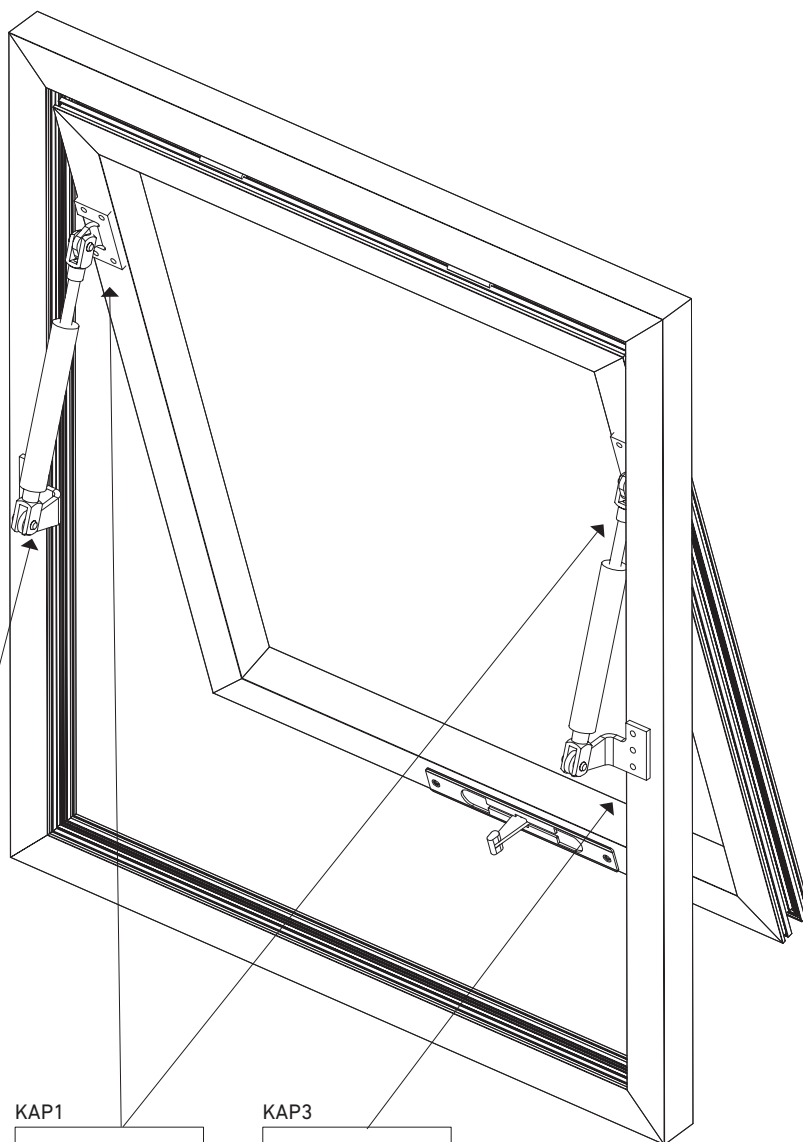
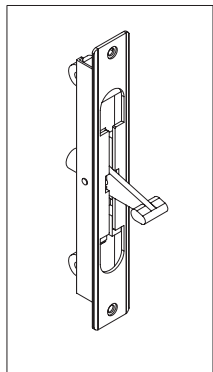
BGN



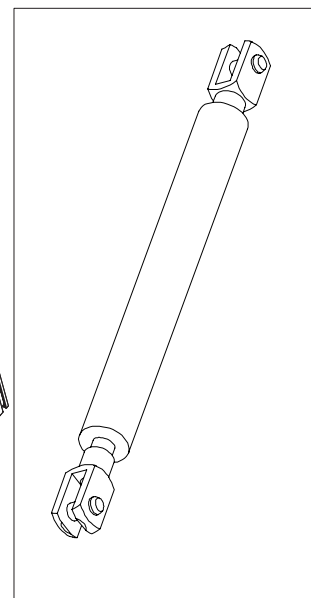
B3P



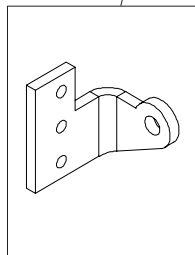
ADA



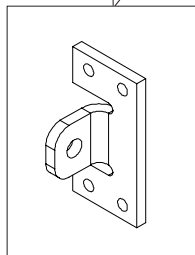
PGA



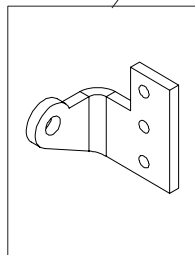
KAP2



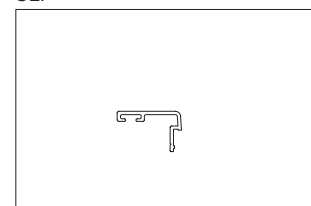
KAP1



KAP3



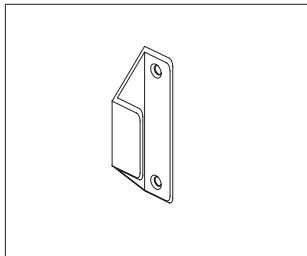
SLP



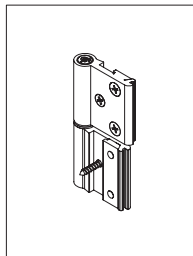


soluciones constructivas | solutions constructives | constructive solutions
 levadiza | relevable paupière | foldable

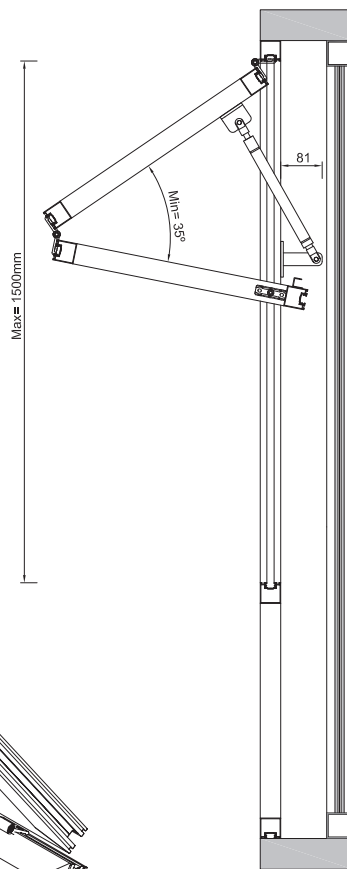
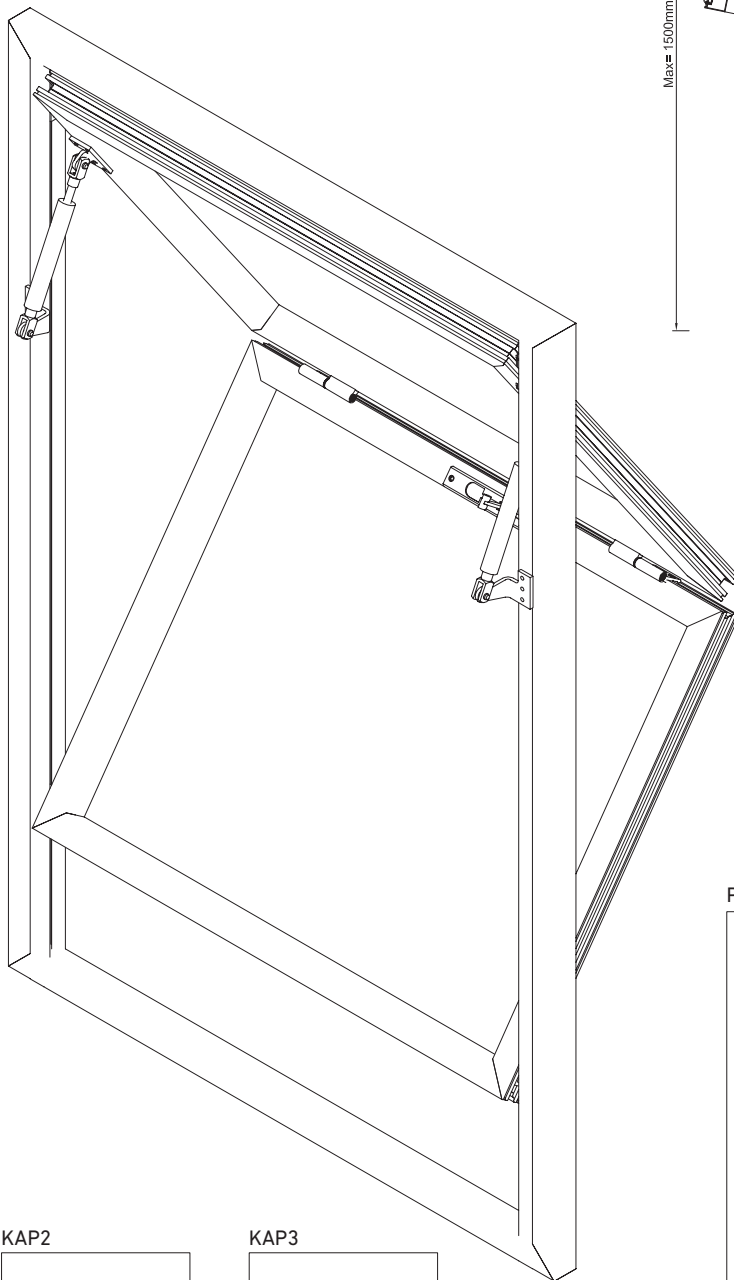
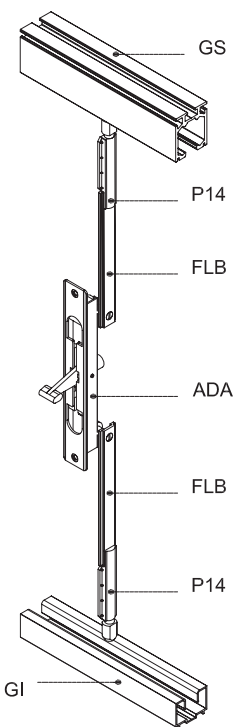
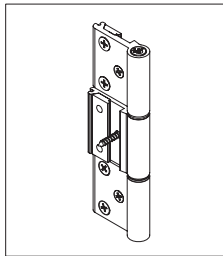
TRD



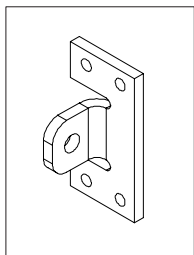
BGN



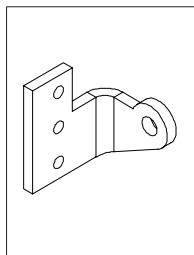
B3P



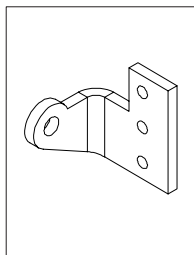
KAP1



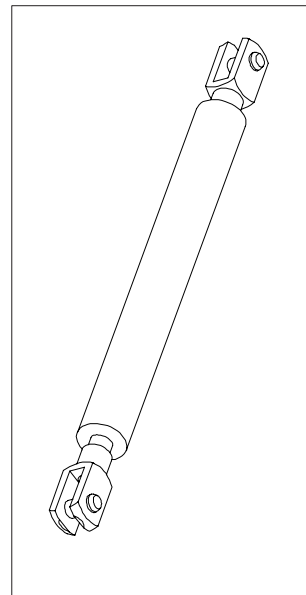
KAP2




KAP3



PGA







Quiebrasoles y Quiebravistas
Brise soleil et Brise Vues
Structural Solar-shading systems



residencia disminuidos físicos | *résidence pour personnes handicapées*
| disabled persons residence
ASM.350A
NS Arquitectes
Lérida

tamifix

aluminio | *aluminium* | aluminium

quebrasol continuo | *protection solaire filante* | continuous louver

RD-38



RT-18



PT-70





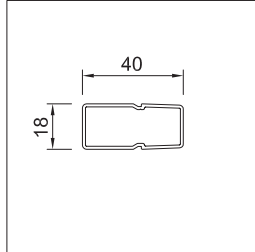
vivienda plurifamiliar | *habitat collectif* | apartment block
PT70
Arquiwork Arquitectes
Tarragona



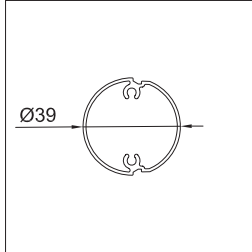
centro de negocios | *centre d'affaires* | business center
RD38
Rafael de la Hoz Arquitecto
Madrid

laminas | *lames* | blades

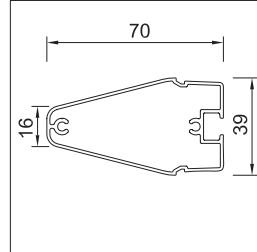
RT18



RD38

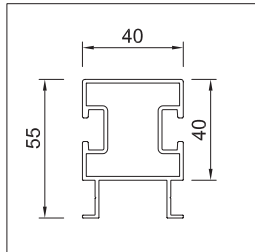


PT70

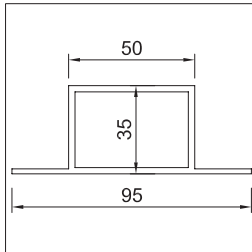


montantes | *montants* | mullions

M55.40

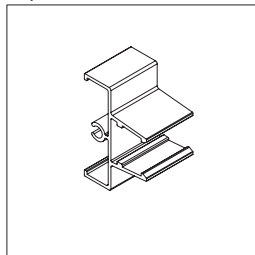


O95.35

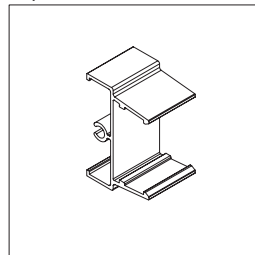


accesorios | *accessoires* | accessories

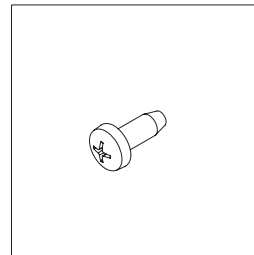
clip18



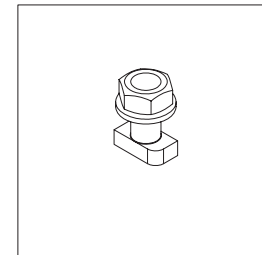
clip36



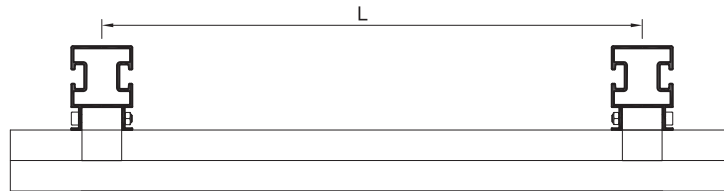
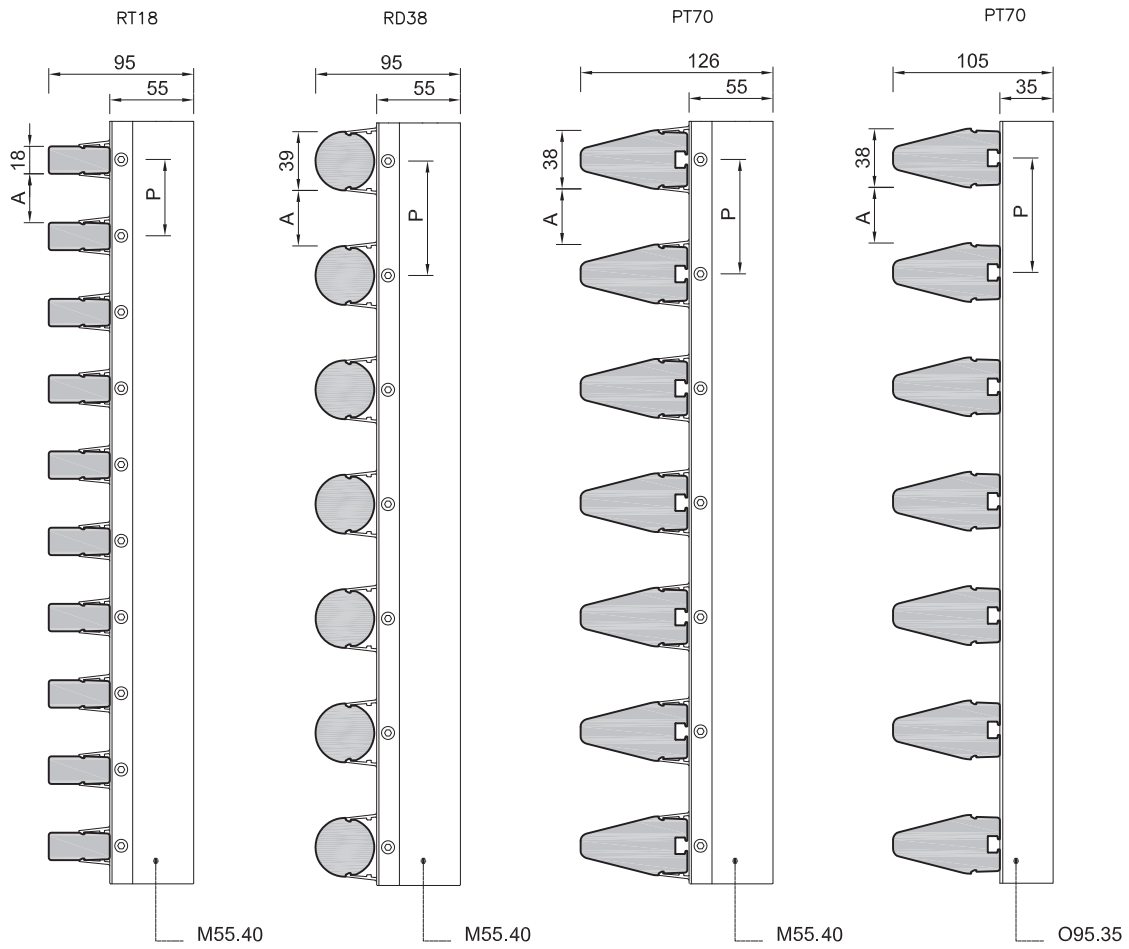
DIN7981.5.13



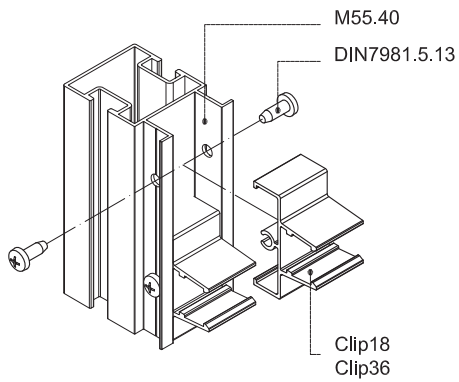
TM6



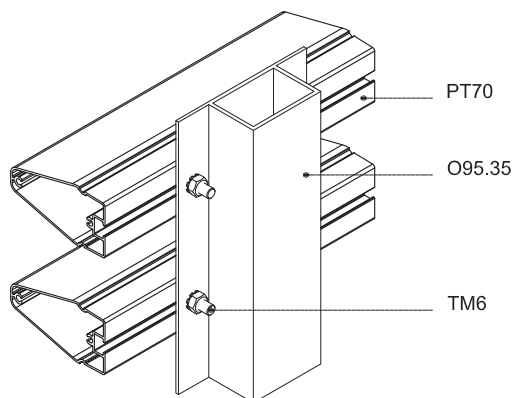
laminas <i>lame</i> blade	montante <i>montant</i> mullion	fijación <i>fixation</i> fixation	posición laminas <i>position lame</i> blade position		L max entre montantes <i>L max entre les montants</i> L max between mullions		P estandar <i>standard</i> standard	variable <i>variable</i> variable
			H	V	H	V		
RT18	M55.40	Clip18	✓	✓	1200 mm	1200 mm	50 mm	✓
RD38	M55.40	Clip36	✓	✓	1200 mm	1200 mm	75 mm	✓
PT70	M55.40	Clip36	✓	✓	1500 mm	1500 mm	75 mm	✓
PT70	O95.35	TM6	✓	✓	2000 mm	2000 mm	75 mm	✓



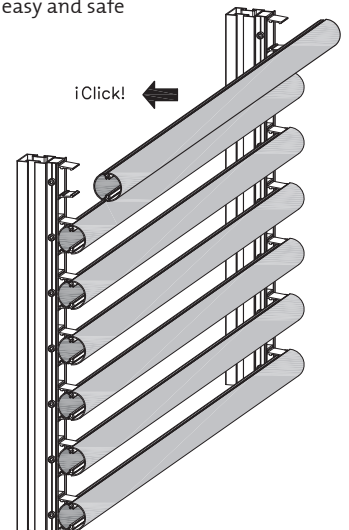
detalle ensamble clip
détail du montage clip
 clip assembly detail



PT70
detalle fijación mecánica
détail avec vis de fixation
 detail with fixing screw



"EASY-CLICK"
fácil y seguro
facile et sûr
 easy and safe



LCF - combi

ALU HPL Madera | ALU HPL bois | ALU HPL timber

quebravistas continuo | *protection solaire filante* | continuous solarshading

H -0°



PL120 -0°



W -0°



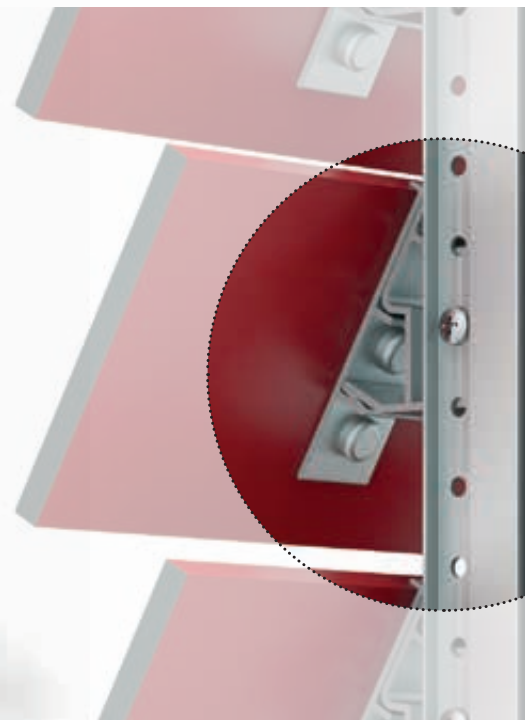
H -60°



PL120 -60°



W -60°



Edificio corporativo | bâtiment corporatif | corporate building
H120-60°
Tria Arquitectos
Madrid



PL120-60°



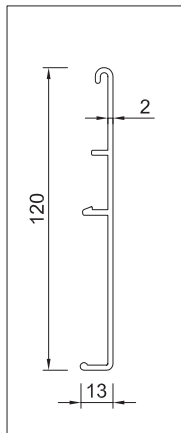
LCF - combi

ALU HPL Madera | ALU HPL bois | ALU HPL timber

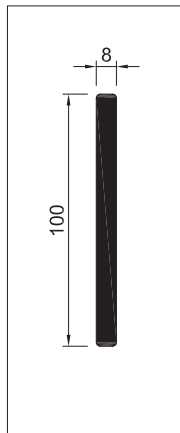
quiebravistas continuo | protection solaire filante | continuous solarshading

laminas | lames | blades

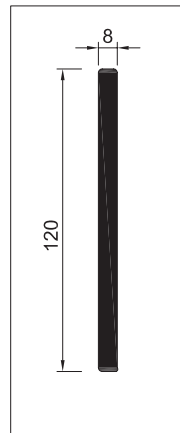
PL120



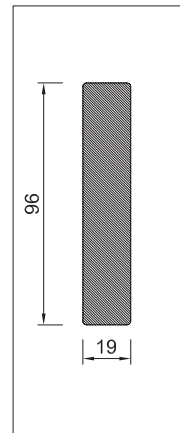
HPL100



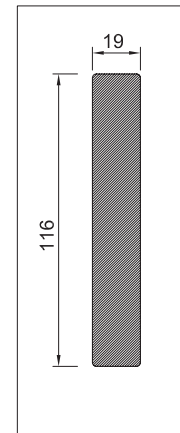
HPL120



W96.19

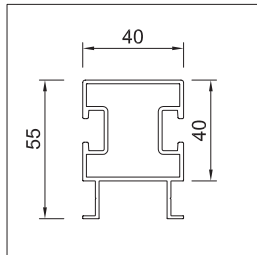


W116.19

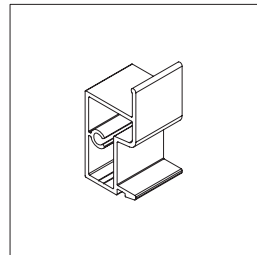


montante & accesorios | montant & accessoires | mullion & accessories

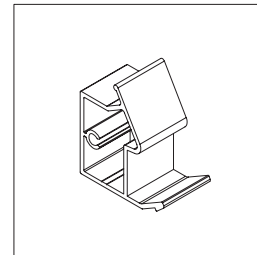
M55.40



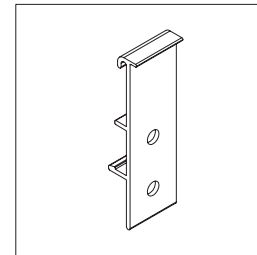
B00



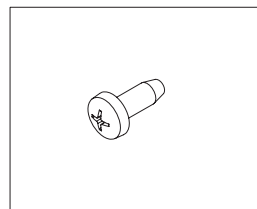
B60



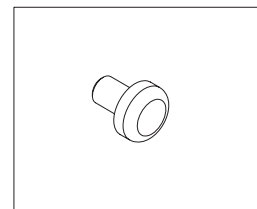
SLC



DIN981.5.13

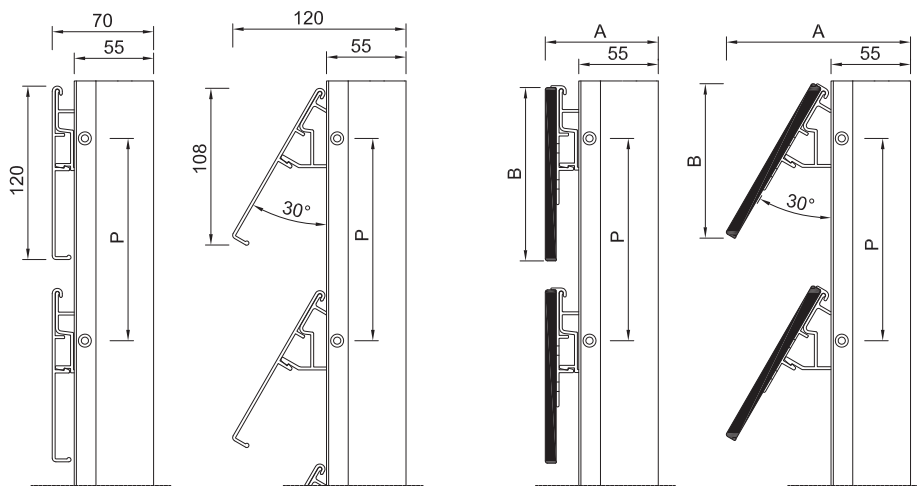


TFO



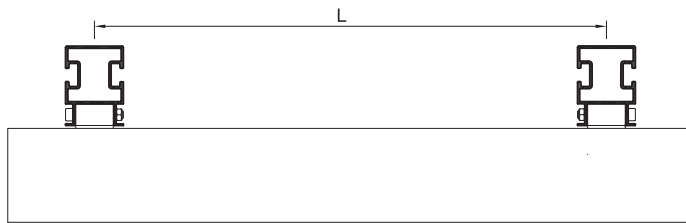
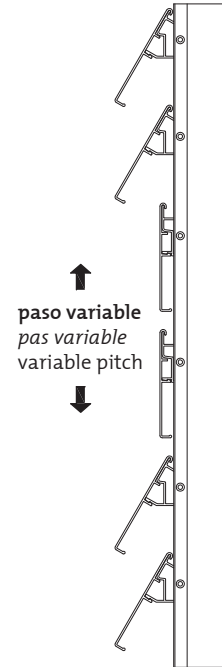
lama lame blade	orientación orientation orientation	L max L max L max	A	B	P min	solape chevauchement overlap	material matériel material
			mm	mm	mm		
PL120	0°	1500	70	120	140		●
PL120	60°	1500	120	108	100	✓	●
W96.19	0°	1200	90	96	120		●
W96.19	60°	1200	126	93	80	✓	●
W116.19	0°	1200	90	116	140		●
W116.19	60°	1200	136	110	100	✓	●
H100	0°	1200	79	100	120		●
H100	60°	1200	117	89	80	✓	●
H120	0°	1200	79	120	140		●
H120	60°	1200	127	107	100	✓	●

- madera | bois | timber
- hpl | hpl | hpl
- aluminio | aluminium | ALUMINIUM



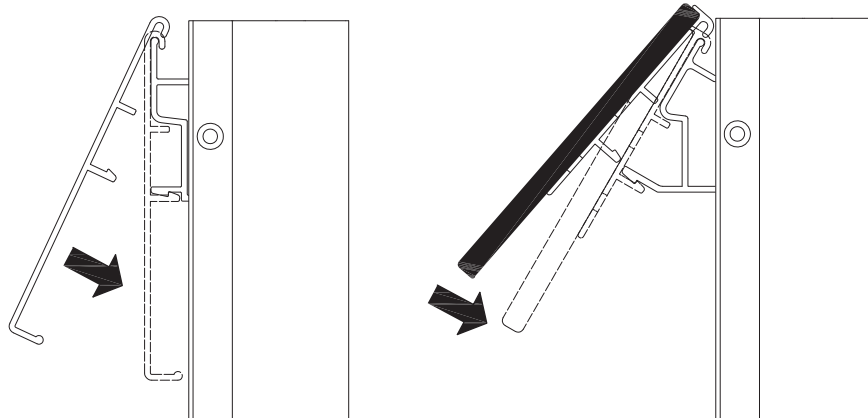
cotas principales | dimensions principales | main dimensions

posible combinación de 2 posiciones
 combinaison possible de 2 positions
 possible combination of 2 positions

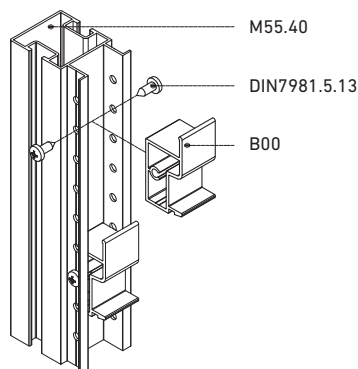
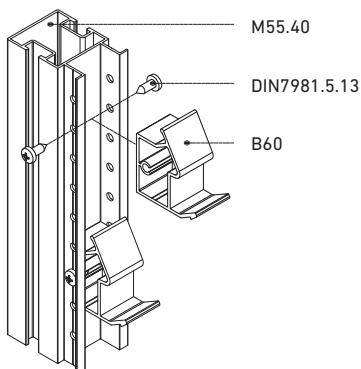


detalle de montaje de lamas | détail de l'assemblage de lame | detail of the blade assembly

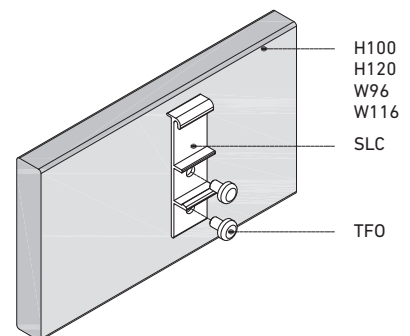
¡ colgar & clipar !
 accrocher et clipser !
 hang up & clipped !



detalle de montaje de soportes
 détail de l'assemblage des supports
 detail of the assembly of supports



detalle de montaje de clip soporte
 détail de l'assemblage de clip supports
 detail of the assembly of clip supports







comisaria | *comissariat de police* | police station
Lip.250
Jordi Farrando Arquitecto
Martorell

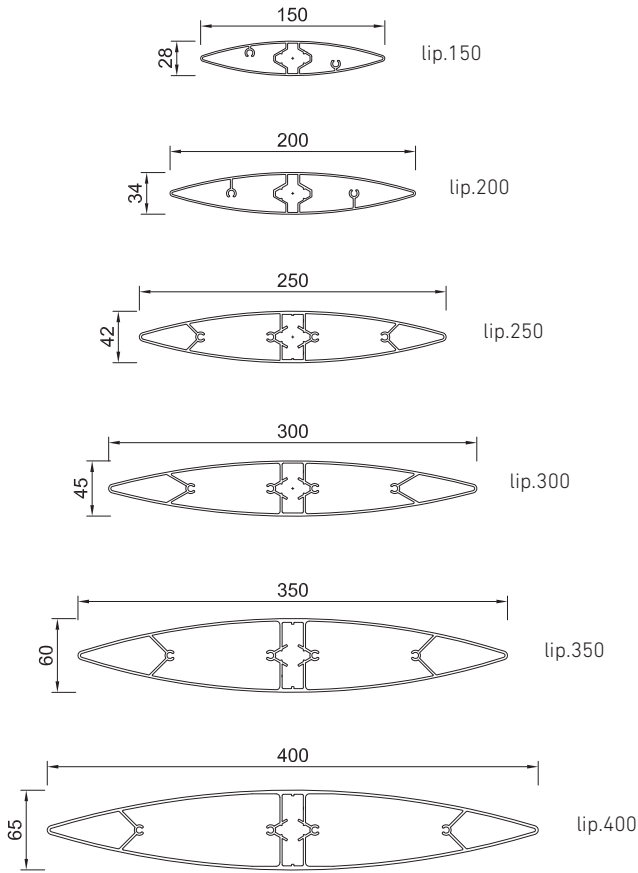
brise soleil

aluminio | *aluminium* | aluminium

laminas de gran formato | *lames grand format* | large format blades

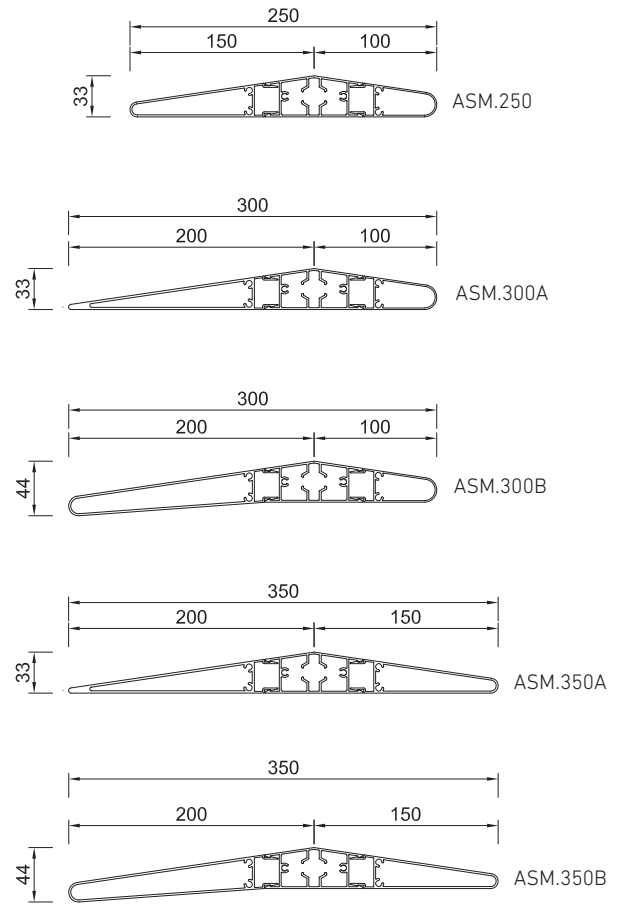
tamilip

laminas orientables y fijas | *lames orientables et fixes* | movable and fixed blades

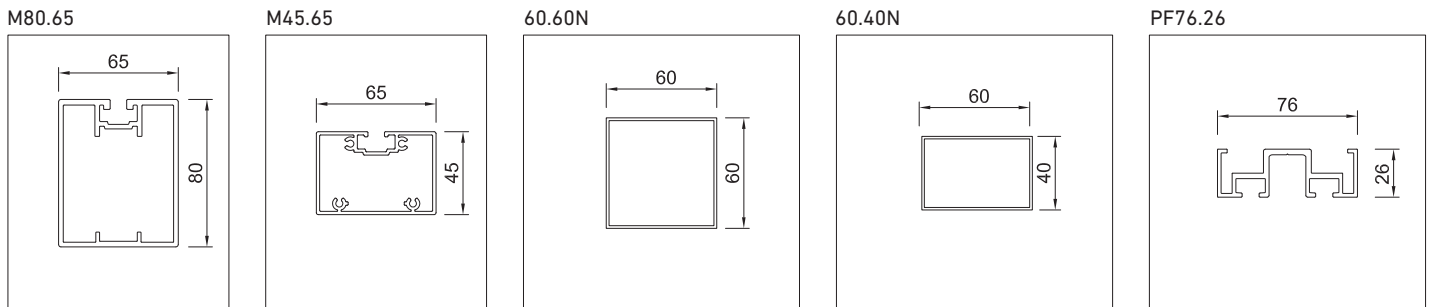


variant asimetric

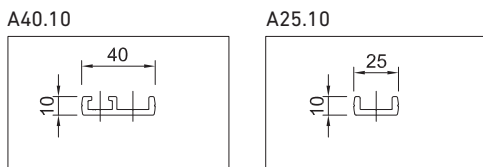
laminas orientables | *lames orientables* | movable blades



montantes | *montants* | mullions

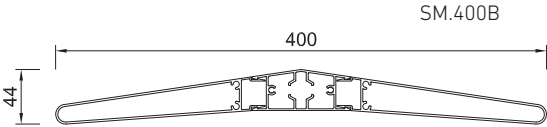
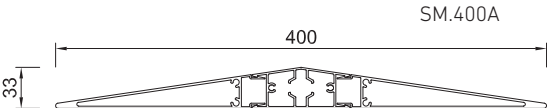
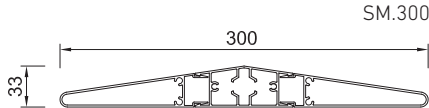
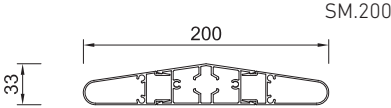


arrastre | *barre de manoeuvre* | drive rod



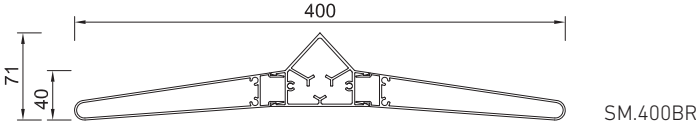
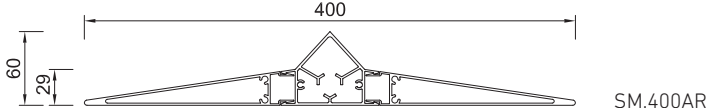
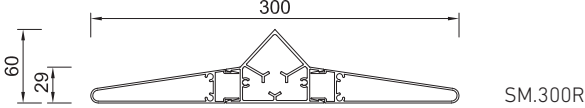
variant simetric

lamas orientables | lames orientables | movable blades

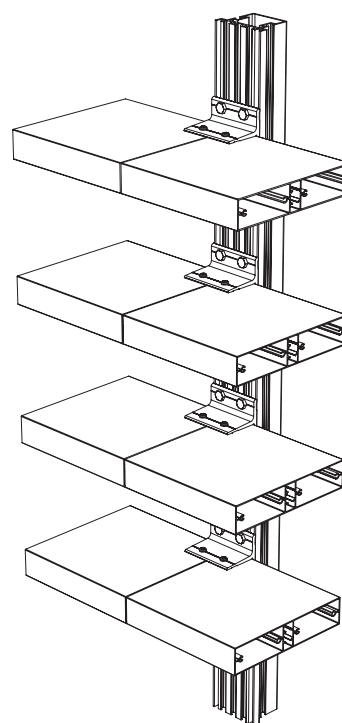
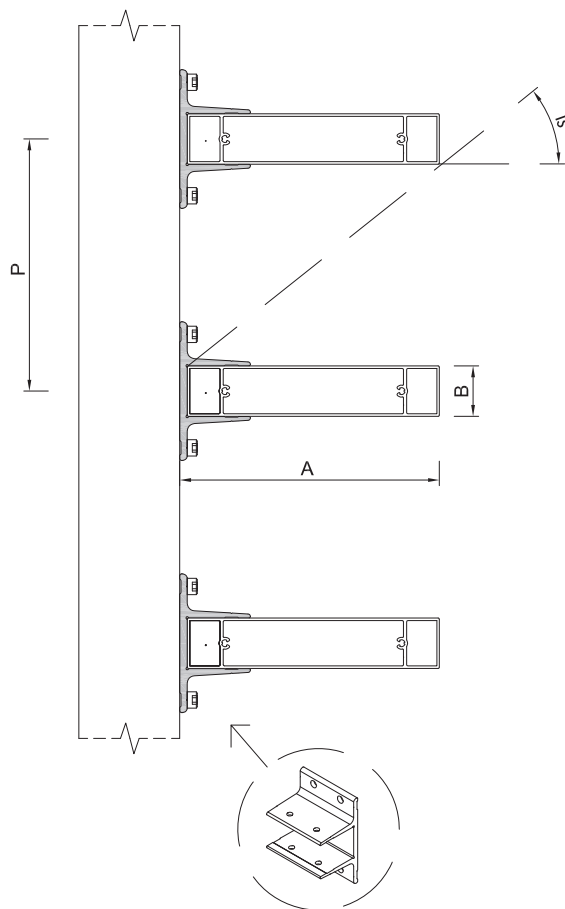
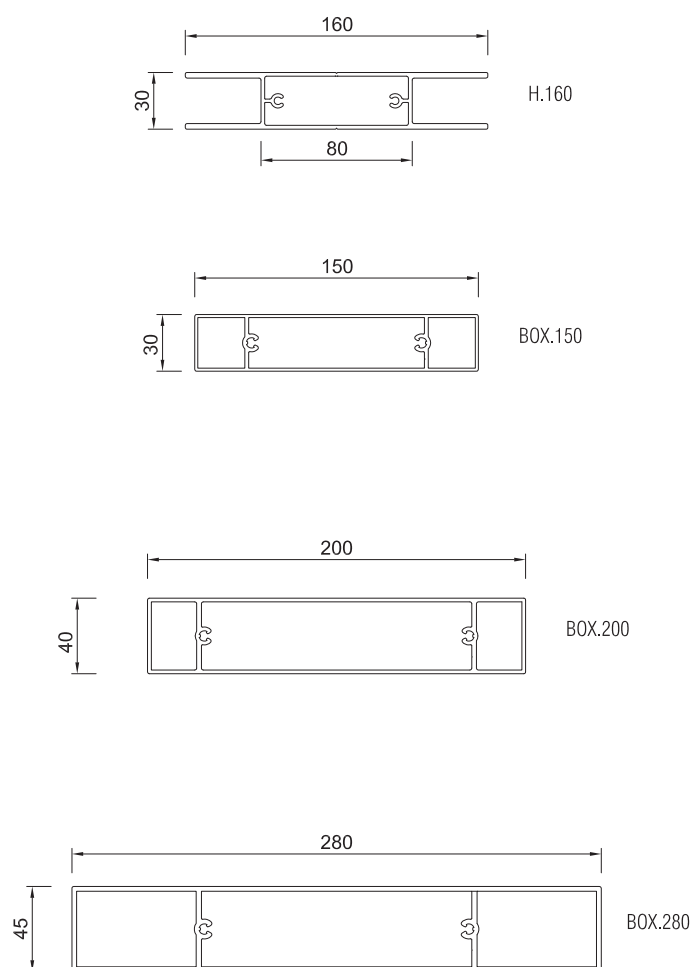


variant R

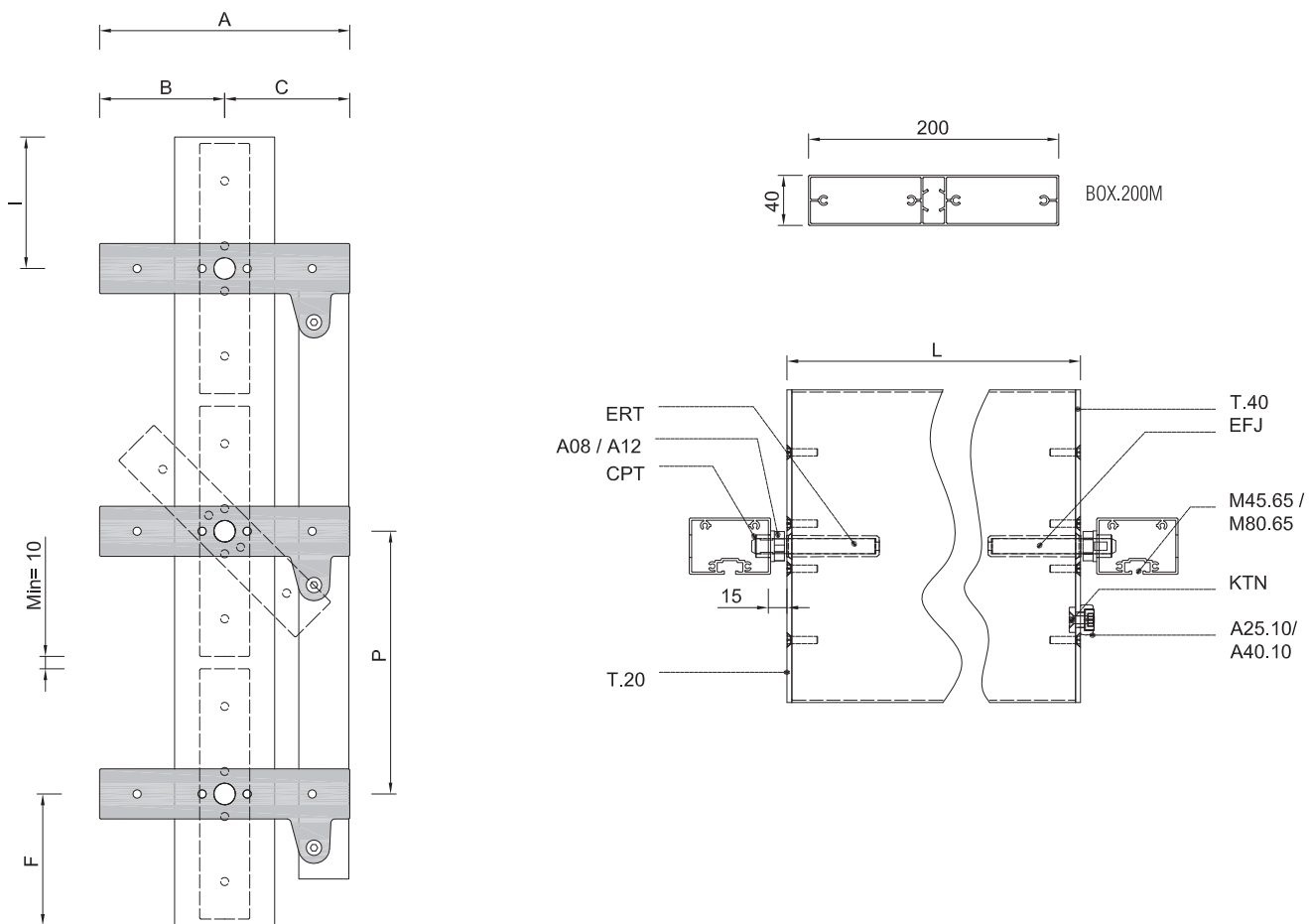
lamas orientables | lames orientables | movable blades






brise soleil - **tamibox**
 aluminio | *aluminium* | aluminium
 lama fija continua | *lame fixe filante* | continuous fixed blade






lama lame blade	cotas principales dimensions principales main dimensions		L Max (mm)		P (mm)			
	A (mm)	B (mm)	600 Pa	1250 Pa	$\beta = 15^\circ$	$\beta = 30^\circ$	$\beta = 45^\circ$	$\beta = 60^\circ$
H.160	166	30	3200	3000	73	122	190	307
Box,150	156	30	3400	3100	70	117	180	290
Box.200	206	40	3700	3100	94	155	240	386
Box.280	286	45	3900	3200	120	207	325	530



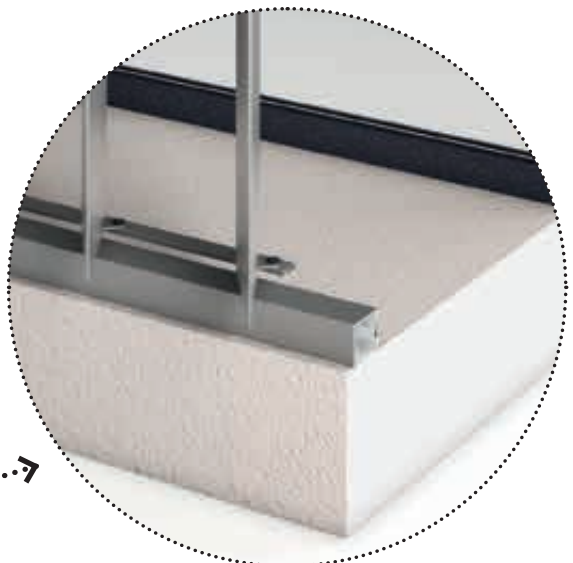
lame lame blade	cotas principales dimensions principales main dimensions						montante montant mullion		posición lama position lame blade position		accionamiento commande operation
	A	B	C	I	P(*)	F	M45.65	M80.65	H	V	
Box.200M	200	100	100	105	190	105	○	○	✓	✓	  

longitud máxima de lama recomendada (mm) longueur maximale de la lame recommandé (mm) recommended maximum length of blade (mm)								
modelo modele model			horizontal horizontal horizontal			vertical verticale vertical		
	l _x (cm ⁴)	l _y (cm ⁴)	600 Pa	800 Pa	1250 Pa	600 Pa	800 Pa	1250 Pa
Box.200M	25,1	369,85	3800	3500	3200	4000	3700	3400

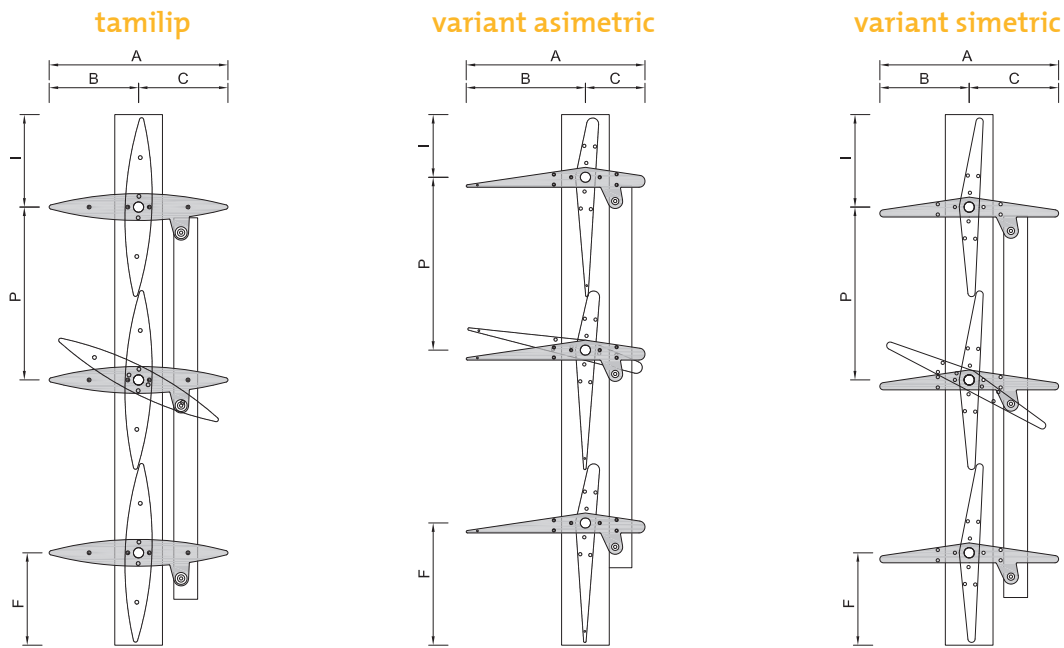
 manual | manuelle | manually
 mecánico | mécanique | mechanical
 motor | moteur | motor

brise soleil
aluminio | *aluminium* | aluminium
lames orientables | *lames orientables* | movable blades





brise soleil
 aluminio | *aluminium* | aluminium
 lamas orientables | *lames orientables* | movable blades



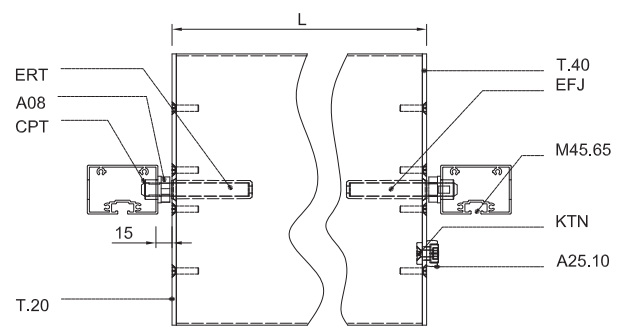
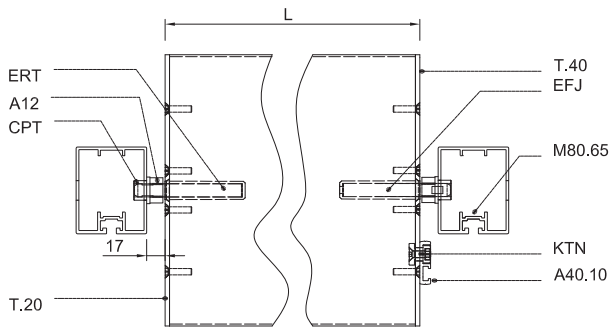
lama lame blade	cotas principales dimensions principales main dimensions						montante montant mullion		posición lama position lame blade position		accionamiento commande operation
	A	B	C	I	P (*)	F	M45.65	M80.65	H	V	
TAMILIP											
Lip.150	150	75	75	80	140	80	○	○	✓	✓	👤 ⚙️ ⚡
Lip.200	200	100	100	105	190	105	○	○	✓	✓	👤 ⚙️ ⚡
Lip.250	250	125	125	130	240	130	○	○	✓	✓	👤 ⚙️ ⚡
Lip.300	300	150	150	155	290	155	○	○	✓	✓	👤 ⚡
Lip.350	350	175	175	180	340	180		○	✓	✓	👤 ⚡
Lip.400	400	200	200	205	390	205		○	✓	✓	👤 ⚡
VARIANT ASIMETRIC											
ASM.250	250	150	100	155	240	105	○	○	✓	✓	👤 ⚙️ ⚡
ASM.300A	300	200	100	205	290	105	○	○	✓	✓	👤 ⚡
ASM.300B	300	200	100	205	290	105	○	○	✓	✓	👤 ⚡
ASM.350A	350	200	150	205	340	155	○	○	✓	✓	👤 ⚡
ASM.350B	350	200	150	205	340	155	○	○	✓	✓	👤 ⚡
VARIANT SIMETRIC											
SM.200	200	100	100	105	190	105	○	○	✓	✓	👤 ⚙️ ⚡
SM.300	300	150	150	155	290	155	○	○	✓	✓	👤 ⚡
SM.400A	400	200	200	205	390	205	○	○	✓	✓	👤 ⚡
SM.400B	400	200	200	205	390	205	○	○	✓	✓	👤 ⚡
VARIANT R											
SM.300R	300	150	150	155	290	155	○	○	✓	✓	👤 ⚡
SM.400AR	400	200	200	205	390	205	○	○	✓	✓	👤 ⚡
SM.400BR	400	200	200	205	390	205	○	○	✓	✓	👤 ⚡

(*) estandar con solape | *standard avec chevauchement* | standard with overlap

👤 manual | *manuelle* | manualy

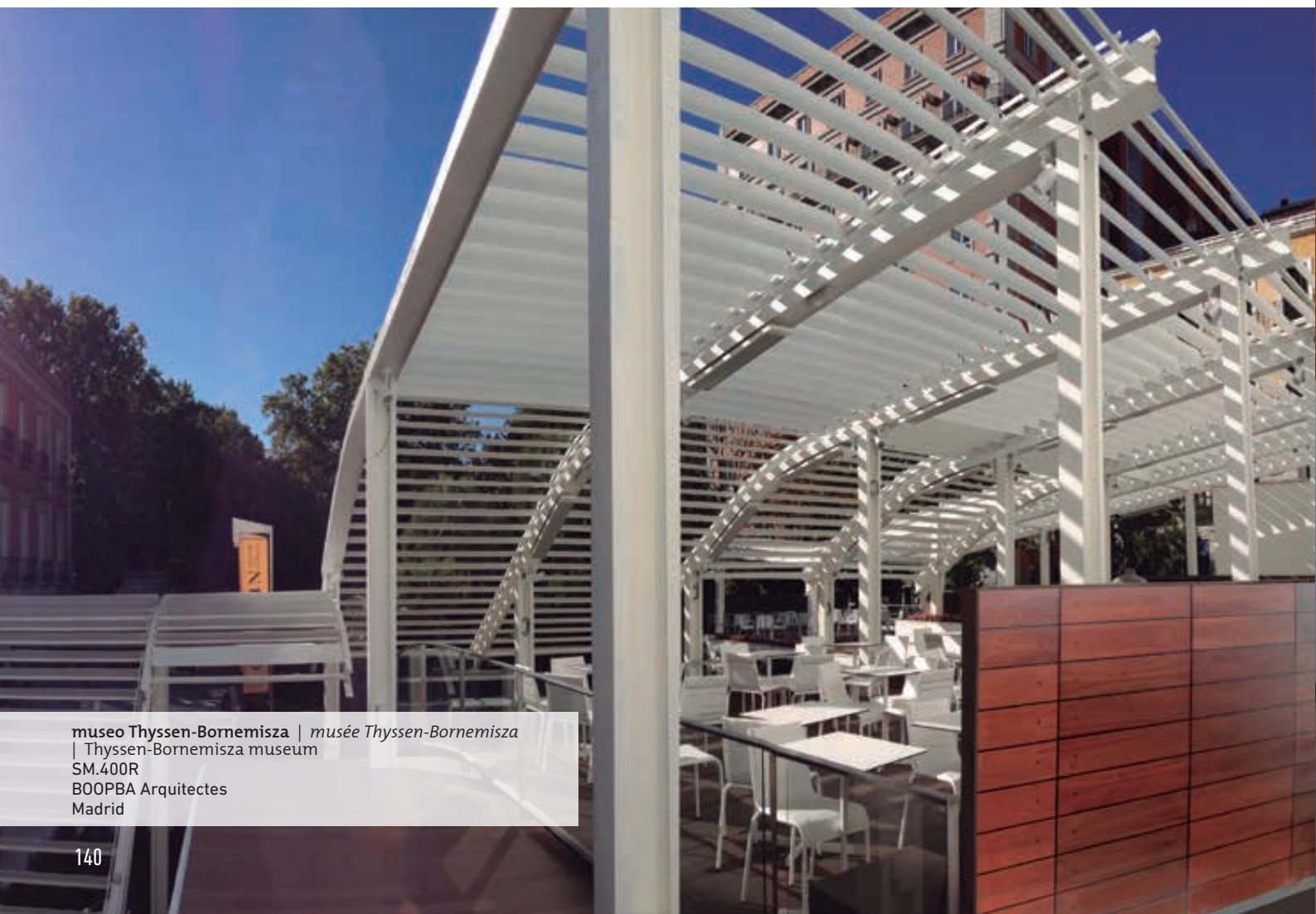
⚙️ mecánico | *mécanique* | mechanical

⚡ motor | *moteur* | motor



longitud maxima de lama recomandada (mm) longueur maximale de la lame recommandé (mm) recommended maximum length of blade (mm)								
modelo modele model			horizontal horizontal horizontal			vertical verticale vertical		
	lxx (cm ⁴)	lyy (cm ⁴)	600 Pa	800 Pa	1250 Pa	600 Pa	800 Pa	1250 Pa
TAMILIP								
Lip.150	4,9	89,18	2900	2700	2400	3100	2850	2500
Lip.200	9,32	220,1	3200	3000	2650	3400	3100	2750
Lip.250	22,75	535,23	3750	3500	3150	3950	3700	3250
Lip.300	31,49	981,71	3900	3650	3250	4100	3800	3400
Lip.350	73,7	1684,75	4650	4350	3900	4900	4550	4000
Lip.400	121,7	2723,8	5100	4750	4250	5400	5000	4400
VARIANT ASIMETRIC								
ASM.250	13,61	480,33	3300	3100	2750	3500	3200	2850
ASM.300A	15,56	927,05	3300	3100	2750	3500	3200	2850
ASM.300B	19,75	872,62	3450	3250	2900	3700	3400	3000
ASM.350A	16,9	1382,3	3200	3000	2650	3400	3150	2800
ASM.350B	20,99	1308,41	3400	3150	2800	3600	3350	2950
VARIANT SIMETRIC								
SM.200	11,95	246,1	3400	3200	2850	3600	3300	2950
SM.300	15,12	802,28	3250	3000	2700	3450	3200	2800
SM.400A	18,38	2159,15	3150	2950	2650	3350	3100	2750
SM.400B	28,85	1956,51	3550	3300	2950	3750	3450	3050
VARIANT R								
SM.300R	31,23	808,38	3800	3600	3150	4000	3700	3300
SM.400AR	36,5	2156,62	3800	3600	3150	4000	3700	3300
SM.400BR	45,45	1962,73	4000	3800	3300	4250	3900	3500

Sede coporativa | *Siège social* | Headquarters
ASM.350A
Creabilis Architecture
Saint Egrève (France)



museo Thyssen-Bornemisza | *musée Thyssen-Bornemisza*
Thysen-Bornemisza museum
SM.400R
BOOPBA Arquitectes
Madrid



escuela de bomberos | école de pompiers | fireman's school
Lip.400
Barcelona

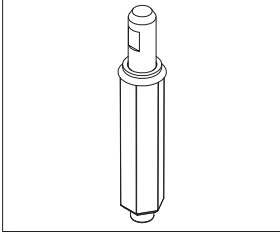
brise soleil

aluminio | *aluminium* | aluminium

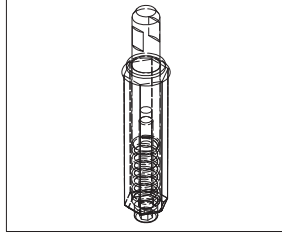
lamas orientables | *lames orientables* | movable blades

accesorios | *accessoires* | accessories
efj | *axes* | axes

EFJ

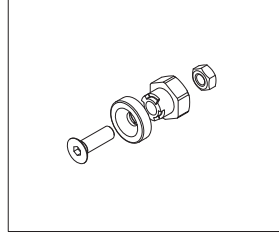


ERT



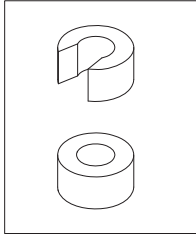
rótula | *rotule* | kneecap

KRT

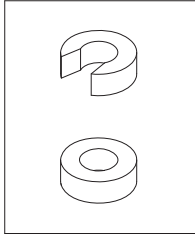


anilla eje 8mm & 12mm | *circlip 8mm & 12mm*

A12

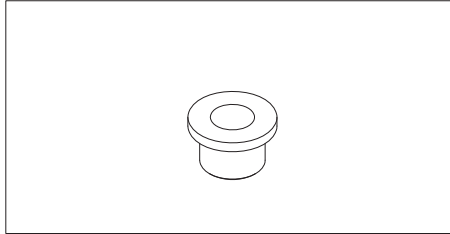


A08



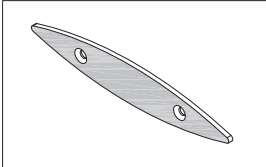
casquillo pivotación | *canon épaulé* | bearing support

CPT

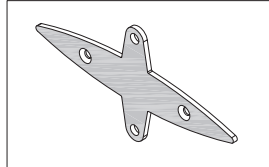


testeras | *embouts* | endplates - ALU 4mm

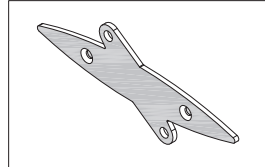
T.10



T.00



T.45

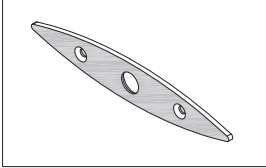


lama fija | *lame fixe* | fixed blade

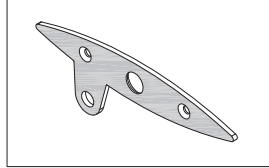
Lip.150 / Lip.200 / Lip.250

Lip.300 / Lip.350 / Lip.400

T.20



T.40

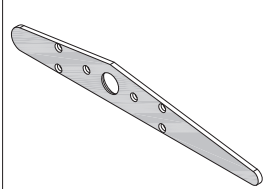


lama orientable | *lame orientable* | movable blade

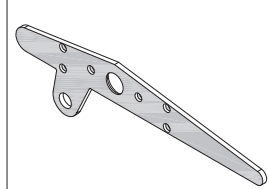
Lip.150 / Lip.200 / Lip.250

Lip.300 / Lip.350 / Lip.400

T.20



T.40

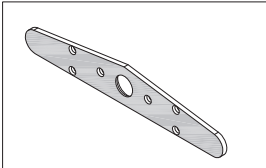


lama orientable | *lame orientable* | movable blade

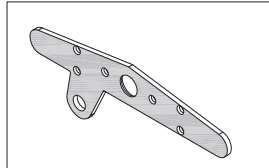
ASM.250 / ASM.300A / ASM.300B

ASM.350A / ASM.350B

T.20



T.40

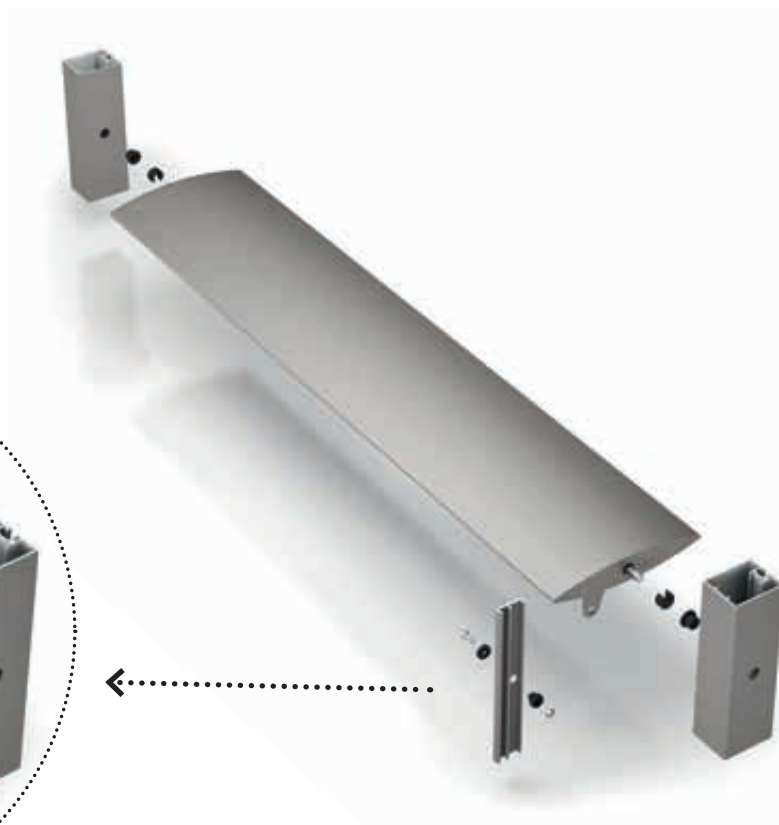


lama orientable | *lame orientable* | movable blade

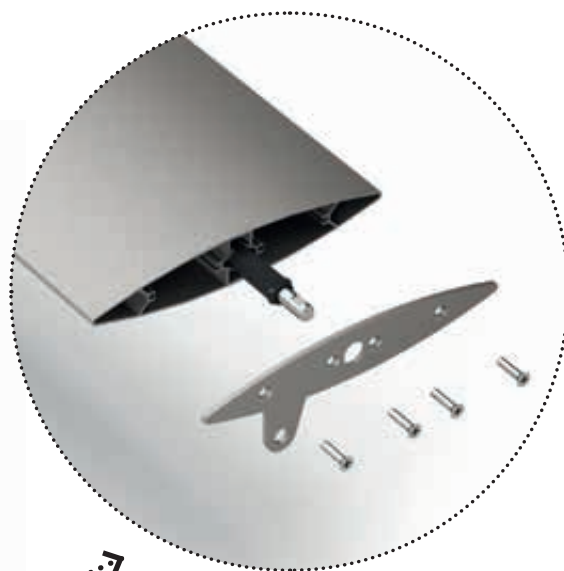
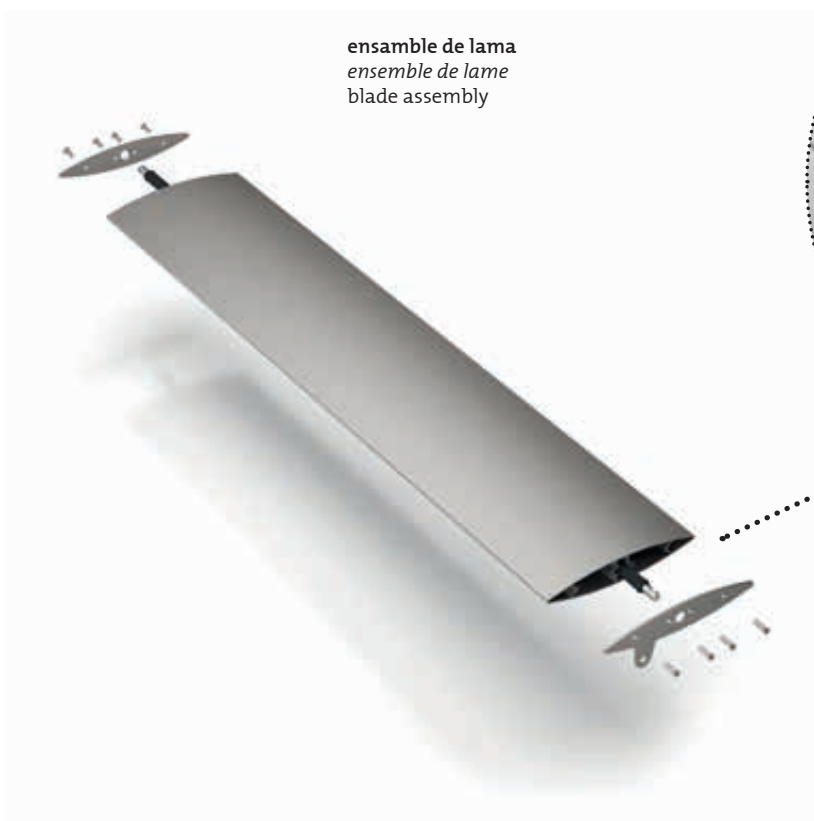
SM.200 / SM.300

SM.400A / SM.400B

montaje del sistema
assemblage du système
system assembly



ensemble de lama
ensemble de lame
blade assembly



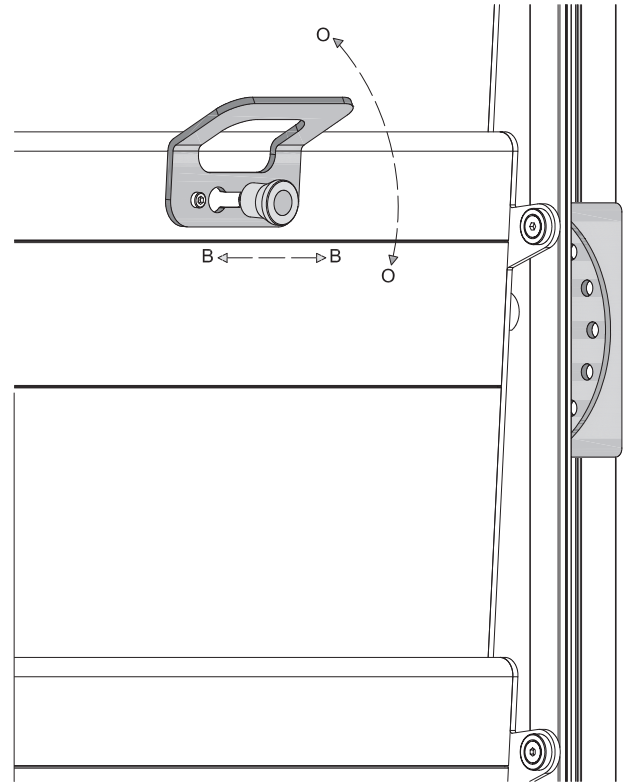
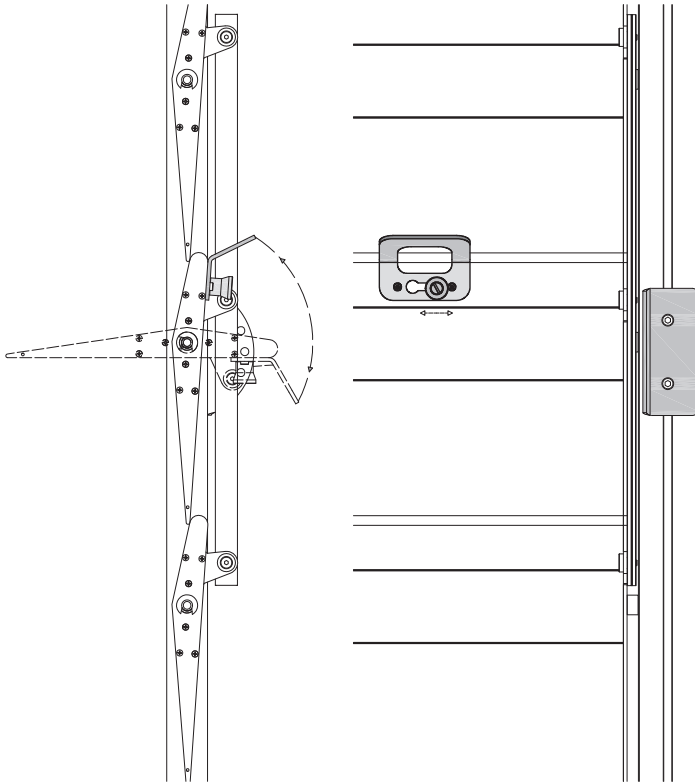


lamas orientables | *lames orientables* | movable blades
accionamiento manual | *commande manuelle* | manual drive

orientación | *orientation* | orientation

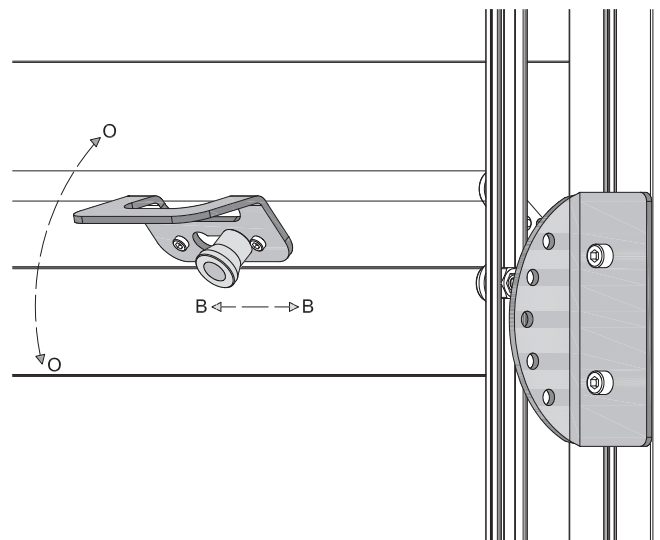
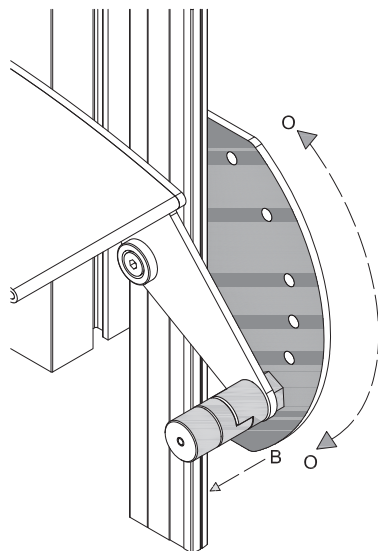
bloqueo | *blocage* | locking

sistema de asa | *système de poignée* | pull system



sistema directo | *système direct* | direct system

sistema de asa | *système de poignée* | pull system



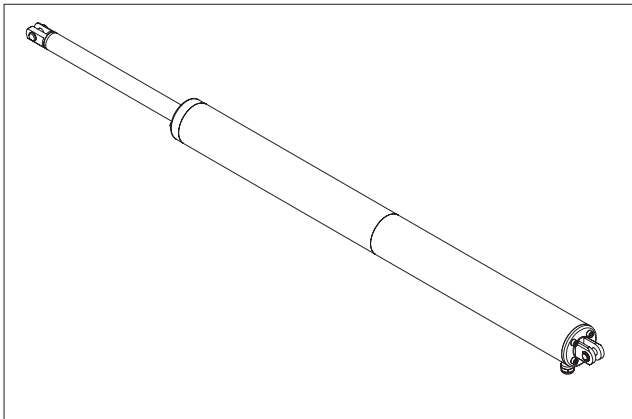


escuela | école | school
Lip.400
Fermí Ginjaume & Marina Fite Arquitectes
Encamp (Andorra)

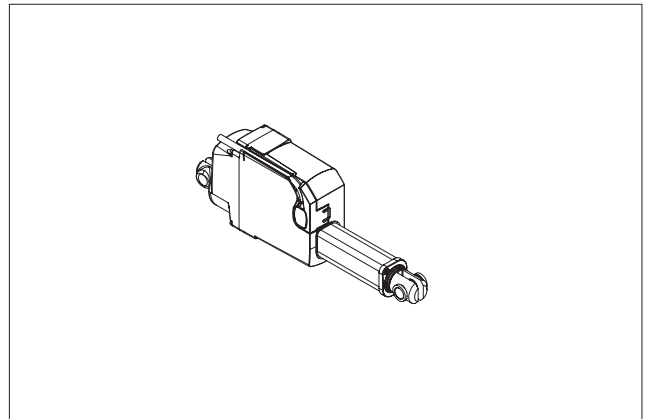


automatización lamas orientables | *automatisation lames orientables* |
 automatization movable blades

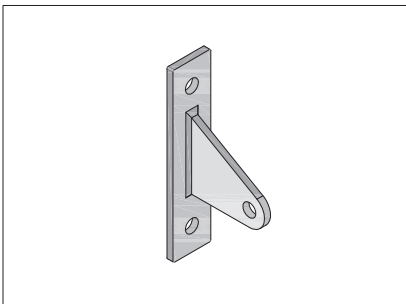
elero piccolo XL



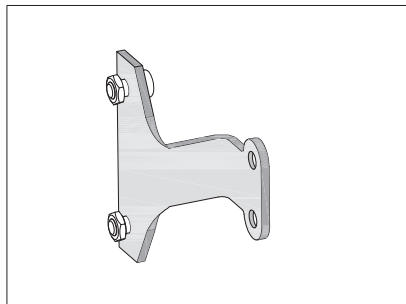
Linak LA23



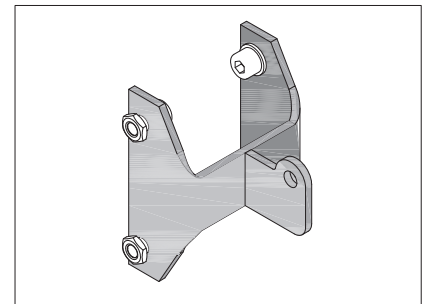
SPSM001



SPT1001



SPT2001



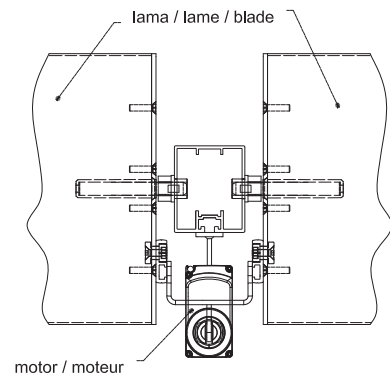
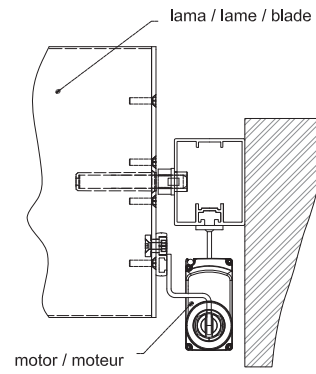
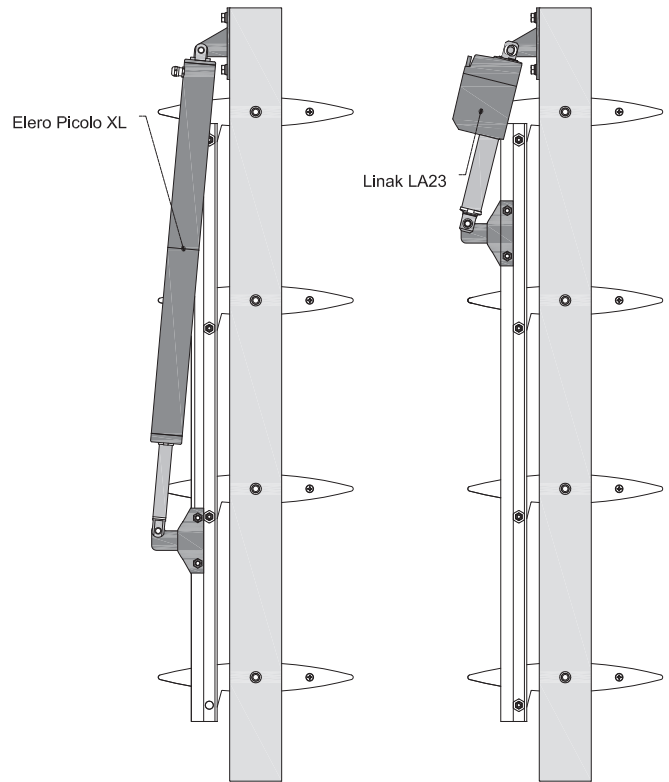
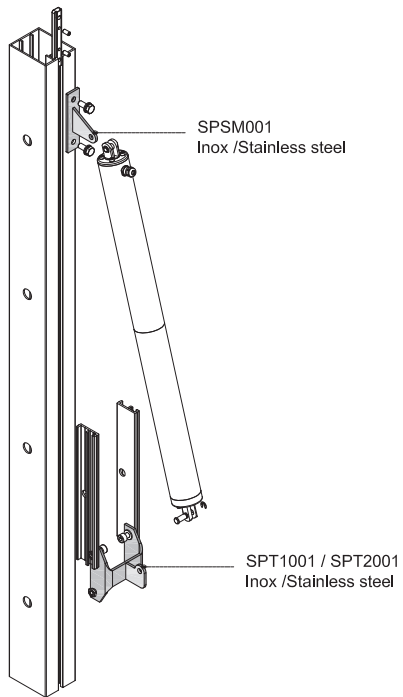
características técnicas | *caractéristiques techniques* | *technical characteristics*

Marca	<i>Elero</i>	<i>Linak</i>	<i>Marque / Trademark</i>
Modelo	<i>Piccolo XL</i>	<i>LA23</i>	<i>Modèle / model</i>
Tensión (V)	<i>230 V CA</i>	<i>24V CC</i>	<i>Tension (V) / Voltage (V)</i>
Fuerza (N)	<i>1200</i>	<i>Max 2500</i>	<i>Force (N) / Load (N)</i>
Velocidad (mm/s)	<i>6</i>	<i>Max 12,5</i>	<i>Vitesse (mm/s) / Speed (mm/s)</i>
Consumo (Amperios)		<i>4,6</i>	<i>Consommation (Ampères) / Consumption (Amperes)</i>
Grado de protección	<i>IP 65</i>	<i>IP 66</i>	<i>Degré de protection / Protection rating</i>
Carcaza motor	<i>Inox / Stainless steel</i>	<i>ABS</i>	<i>carter de moteur / motor casing</i>
Émbolo	<i>Inox / Stainless steel</i>	<i>Inox / Stainless steel</i>	<i>piston / piston</i>
Pistón	<i>Inox / Stainless steel</i>	<i>ABS</i>	<i>carter de piston / piston casing</i>
Certificado	<i>CE</i>	<i>CE</i>	<i>Certifications / certificates</i>
Conexión en paralelo	<i>No / non / no(*)</i>	<i>Si / oui / yes</i>	<i>Branchement en parallèle / Parallel connection</i>
Garantía (meses)	<i>24</i>	<i>18</i>	<i>garantie (mois) / warranty (months)</i>

(*) Se requieren interruptores o disyuntores de corte multipolares para conexión en paralelo

(*) Des interrupteurs ou des disjoncteurs multipolaires pour branchement en parallèle son requis

(*) Sequency relays or fail-safe monitors are required for parallel connection



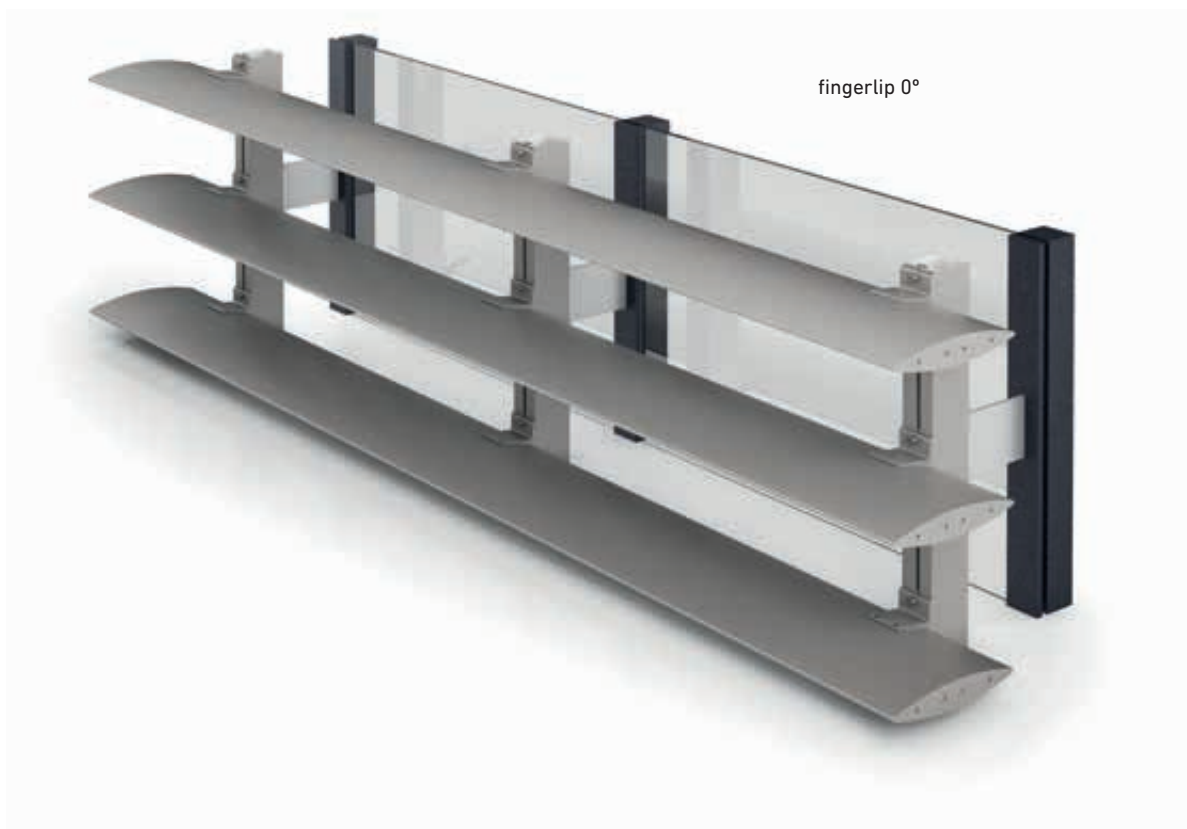




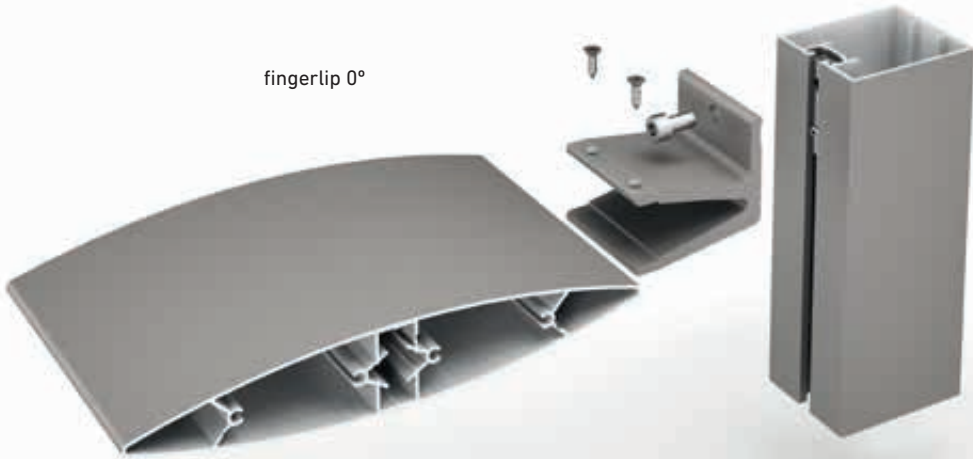
brise soleil - **fingerlip**

aluminio | *aluminium* | aluminium

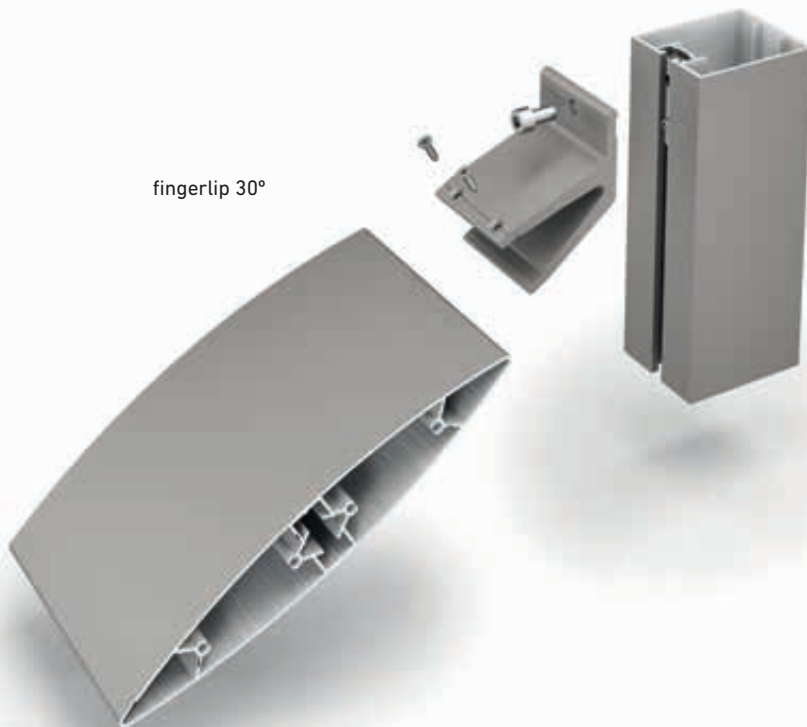
lama fija continua | *lame fixe filante* | continuous fixed blade



fingerlip 0°



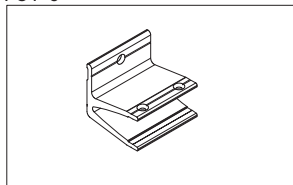
fingerlip 30°



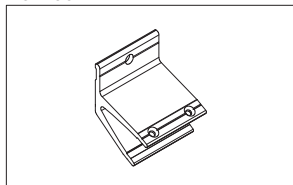
brise soleil - **fingerlip**
aluminio | *aluminium* | aluminium
lama fija continua | *lame fixe filante* | continuous fixed blade

FINGERLIP

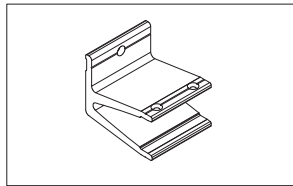
FG1-0°



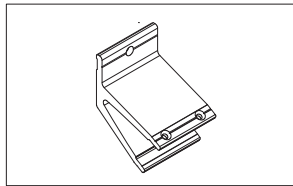
FG1-30°



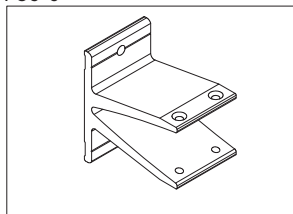
FG2-0°



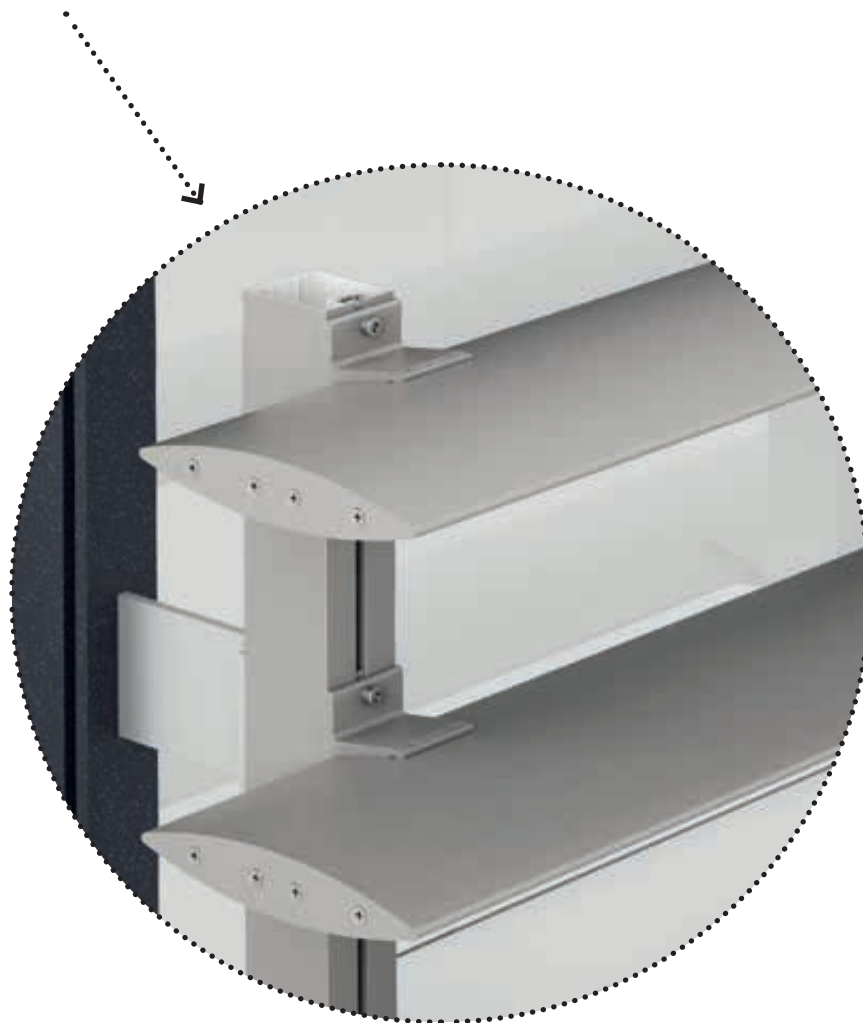
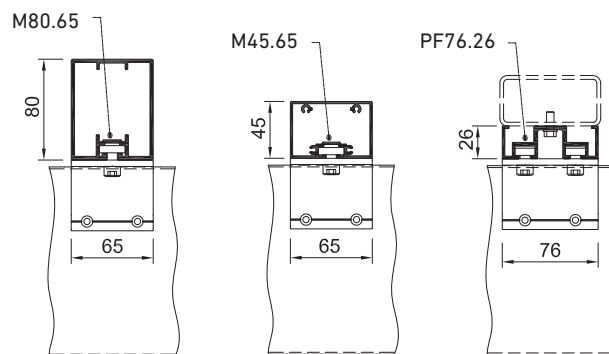
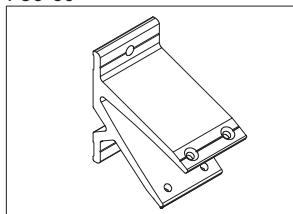
FG2-30°



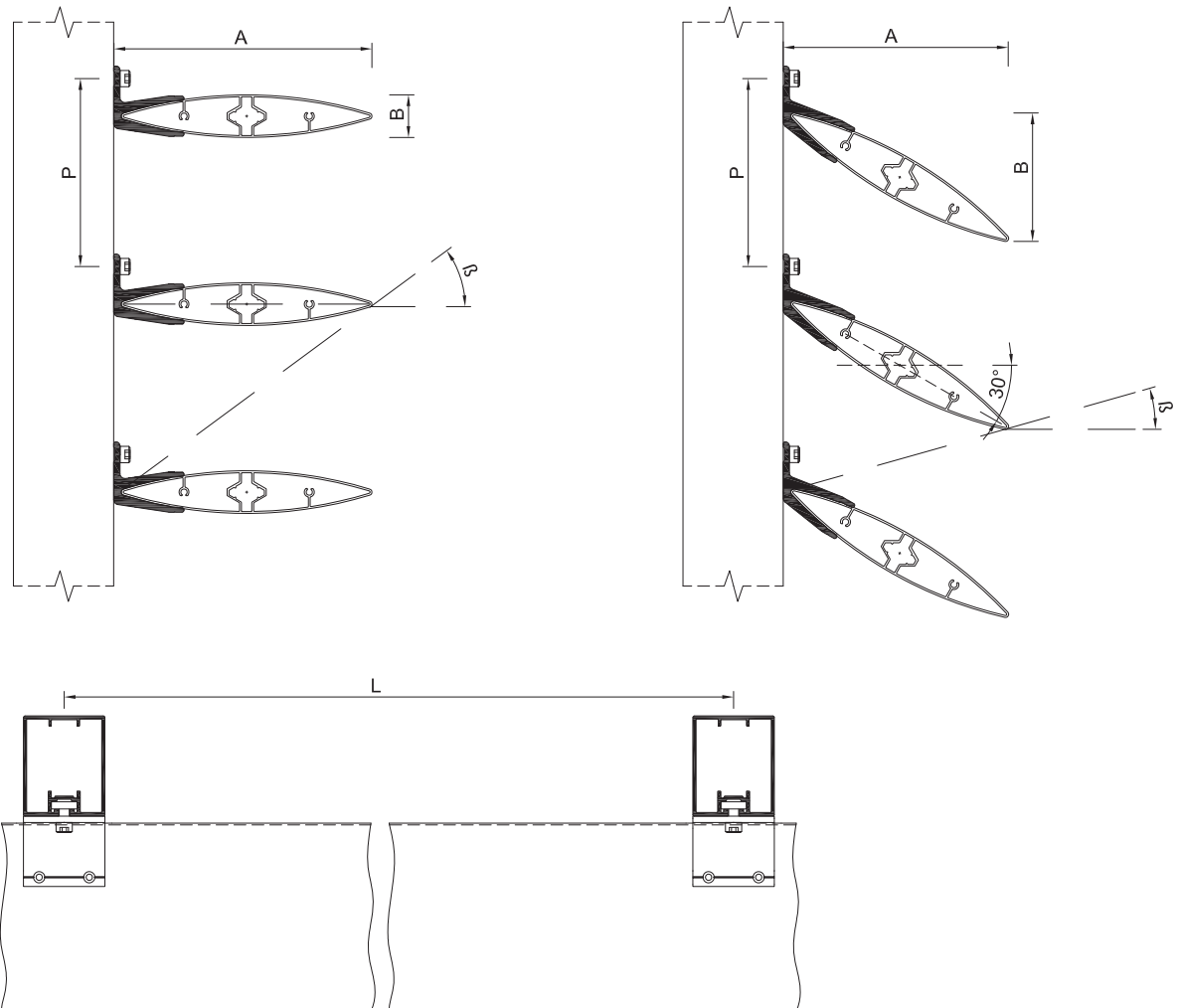
FG3-0°



FG3-30°



cotas principales | dimensions principales | main dimensions



modelo modèle model	cotas principales dimensions principales main dimensions		Finger	L Max (mm)		P (mm)			
	A (mm)	B (mm)		600 Pa	1250 Pa	$\beta = 15^\circ$	$\beta = 30^\circ$	$\beta = 45^\circ$	$\beta = 60^\circ$

FINGERLIP - 0°									
Lip.150	156	28	FG1-0°	3200	3000	68	115	178	288
Lip.200	206	34	FG1-0°	3400	3100	88	149	234	380
Lip.250	258	42	FG2-0°	3700	3100	109	186	292	475
Lip.300	308	45	FG2-0°	3900	3200	125	218	345	565
Lip.350	358	60	FG3-0°	4100	3500	154	262	410	666
Lip.400	408	65	FG3-0°	4300	3600	172	296	465	758

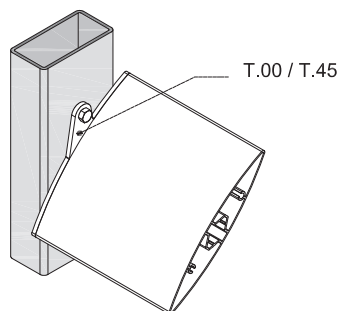
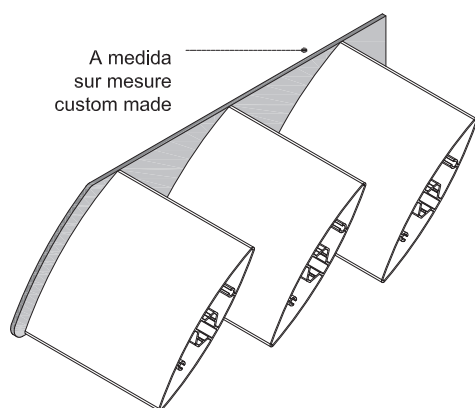
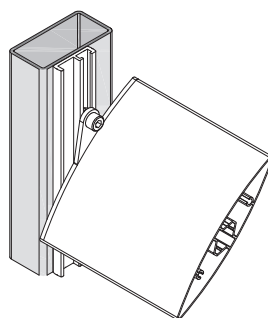
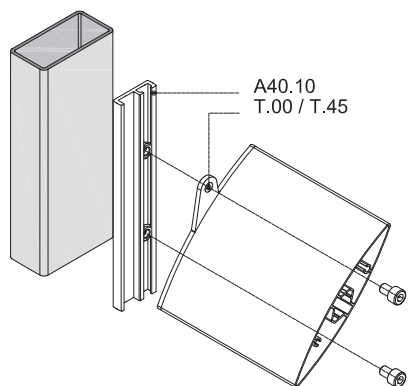
FINGERLIP - 30°									
Lip.150	136	77	FG1-30°	3200	3000	110	150	205	300
Lip.200	180	102	FG1-30°	3400	3100	147	200	274	401
Lip.250	225	128	FG2-30°	3700	3100	183	250	342	501
Lip.300	269	150	FG2-30°	3900	3200	220	300	410	600
Lip.350	312	179	FG3-30°	4100	3500	256	351	479	702
Lip.400	355	203	FG3-30°	4300	3600	293	400	547	801



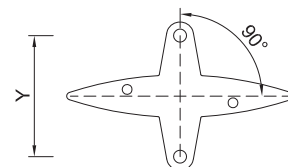


polideportivo | *salle de sports* | sports hall
Lip.400 - 30°
Francisco Jose Larrucea Arquitecto
Madrid

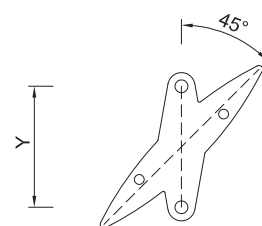
brise soleil
 aluminio | *aluminium* | aluminium
 lama fija | *lame fixe* | fixed blade



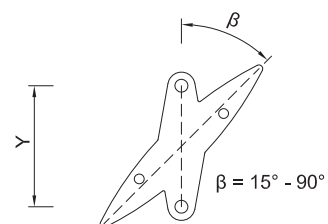
T.00



T.45



A medida / sur mesure / custom made









bodega | *cave à vin* | winnery cellar
SPF.200A
Konkritblu Arquitectura
La Ribera del Duero

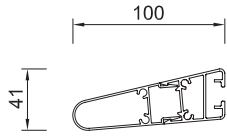
brise soleil - SPF

aluminio | *aluminium* | aluminium

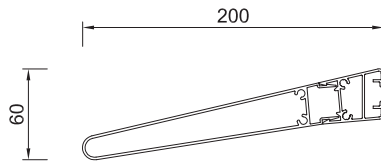
lama fija continua | *lame fixe filante* | continuous fixed blade

lamas | *lames* | blades

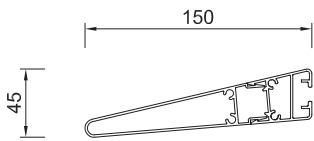
SPF.100



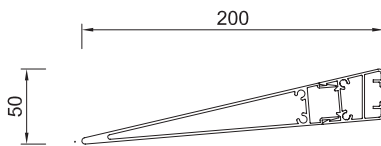
SPF.200B



SPF.150

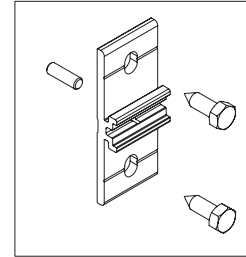


SPF.200A

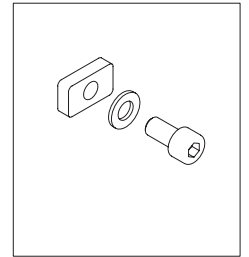


accesorios | *accessories* | accessories

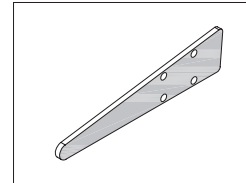
SBF



PFR



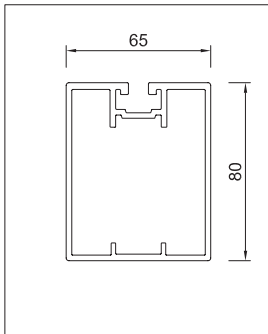
T.10



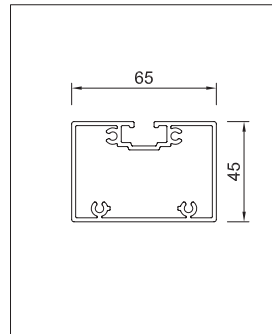
SPF.100 / SPF.150
SPF.200A / SPF.200B

montantes | *montants* | mullions

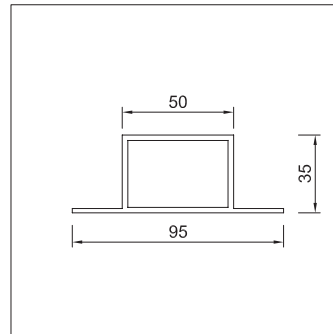
M80.65



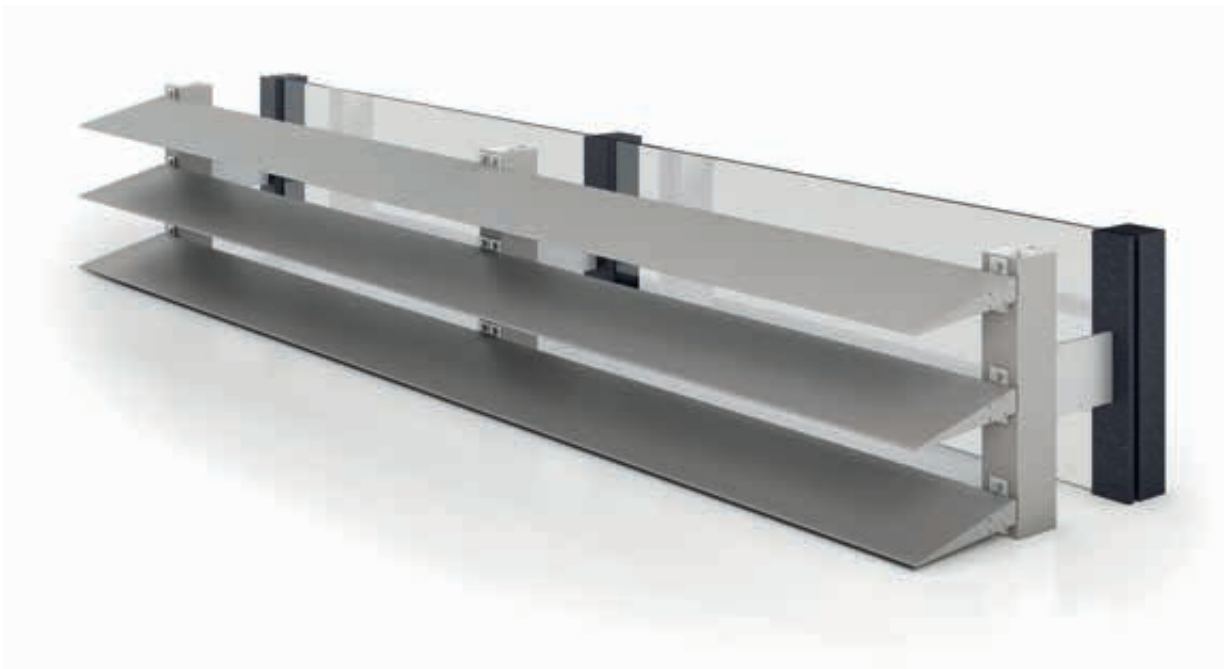
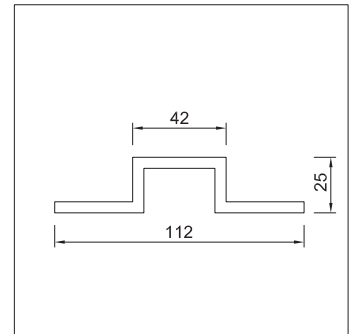
M45.65



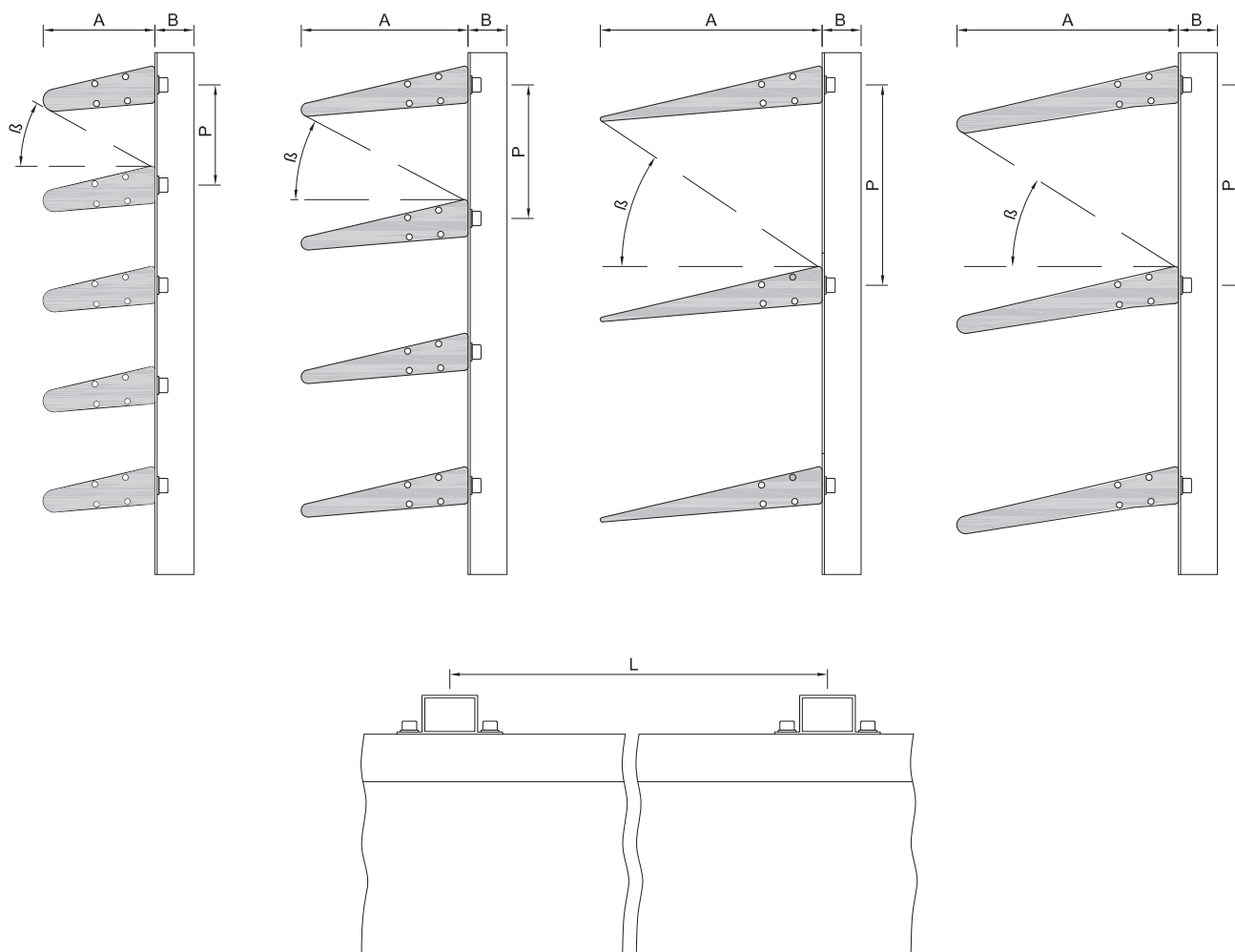
O95.35



O112.25



cotas principales | dimensions principales | main dimensions

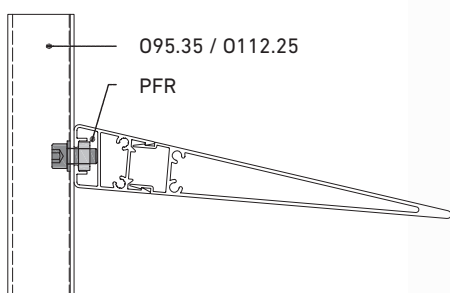
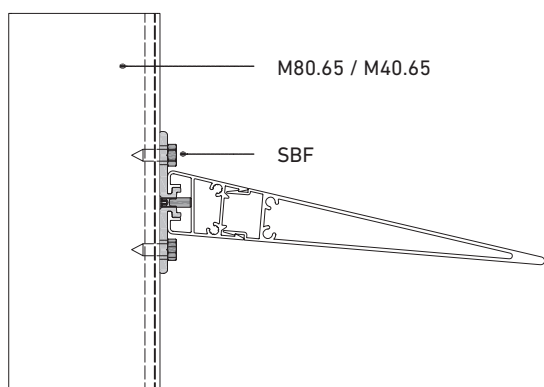


modelo modèle model	cotas dimensions dimension					L Max (mm)		P (mm)			
	A (mm)	B (mm)									
		montante	montant	mullion		H	V	$\beta = 15^\circ$	$\beta = 30^\circ$	$\beta = 45^\circ$	$\beta = 60^\circ$
SPF.100	100	80	45	35	25	3100	3300	68	99	141	214
SPF.150	150	80	45	35	25	3200	3400	85	132	195	305
SPF.200A	200	80	45	35	25	3400	3400	104	165	250	396
SPF.200B	200	80	45	35	25	3400	3400	114	175	260	406

brise soleil - **SPF**

aluminio | *aluminium* | aluminium

lama fija continua | *lame fixe filante* | continuous fixed blade





universidad | université | university
SPF.200B
G ARK Arquitectura
San Sebastián

brise soleil

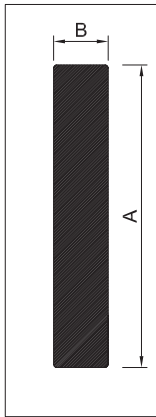
madera | *bois* | *timber*

lama orientable gran formato | *lame orientable grand format* | large format movable blade

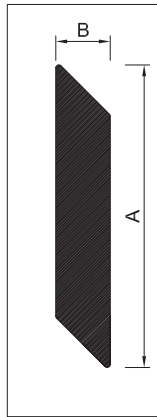


laminas | lames | blades

WR



WA

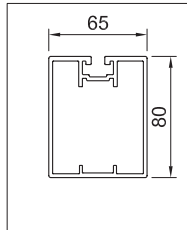


	A (mm)	B (mm)
WR.200	200	36
WR.250	250	36
WR.300	300	42
WR.350	350	48
WR.400	400	48
WA.200	200	36
WA.250	250	36
WA.300	300	42
WA.350	350	48
WA.400	400	48

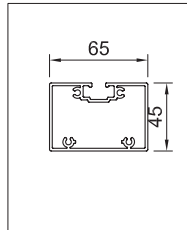
montantes | montants | mullions

arrastre | barre de manoeuvre | drive rod

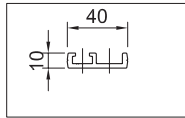
M80.65



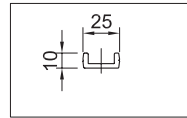
M45.65



A40.10



A25.10

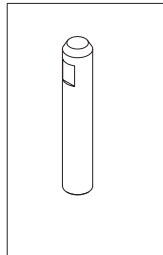


ejes | axes | axes

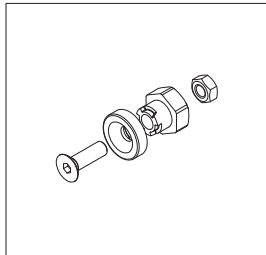
rótula | rotule | kneecap

testeras | embouts | endplates - ALU 4mm

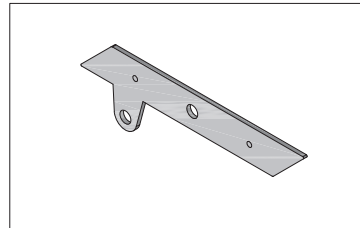
EFJ



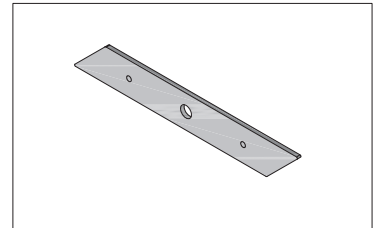
KRT



T.WA.40

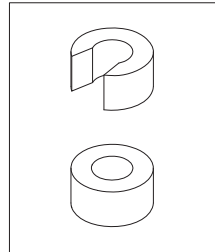


T.WA.20

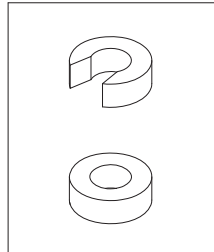


Anilla eje 8mm & 12mm / circlip 8mm & 12mm

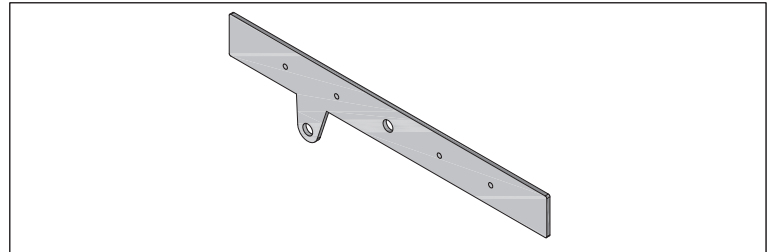
A12



A08

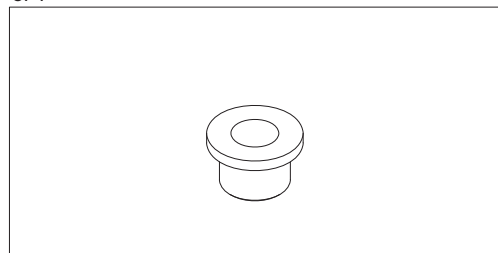


T.WR.40 / T.WT.40

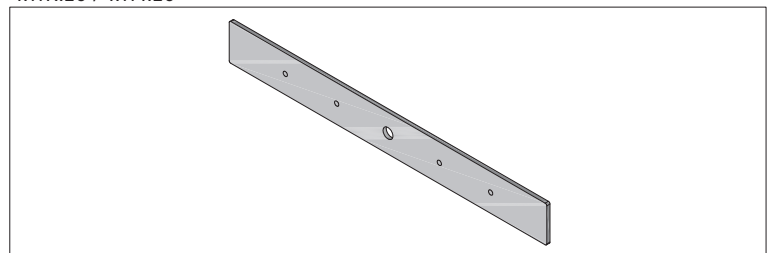


casquillo pivotación | canon épaulé | bearing support

CPT



T.WR.20 / T.WT.20







centro de investigacion | *centre de recherche* | research center
WT.400
WD Arquitectos
Madrid

girasol

madera | bois | timber

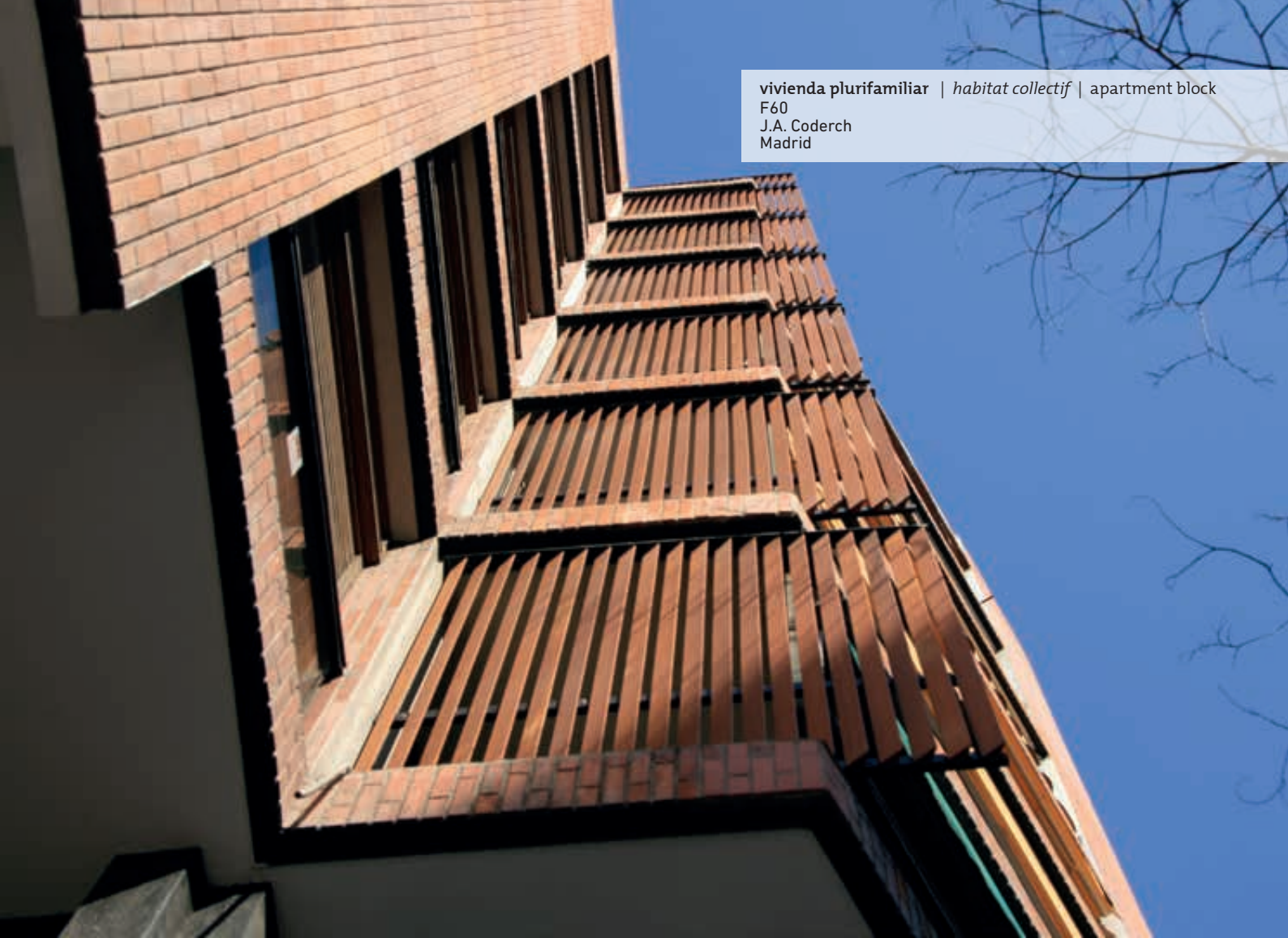
protección solar continua | *protection solaire filante* | continuous solarshading



vista exterior
vue extérieure
outside view



vista interior
vue intérieure
inside view

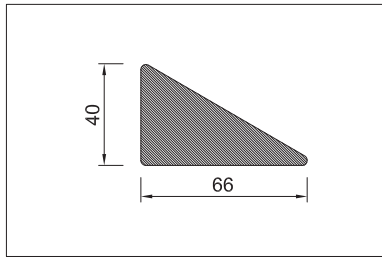


vivienda plurifamiliar | *habitat collectif* | apartment block
F60
J.A. Coderch
Madrid

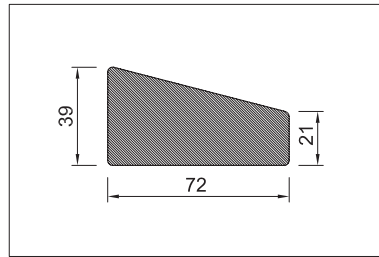


hospital | *hôpital* | Hospital
F70
Pinearq
Berga

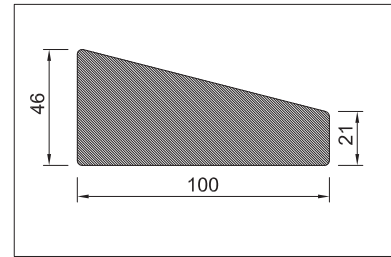
F60



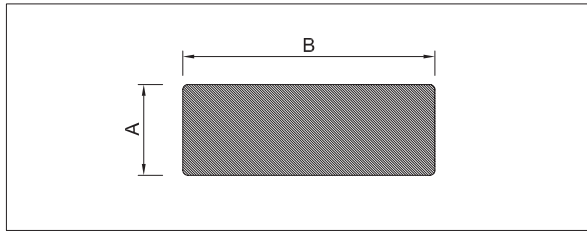
F70



F100

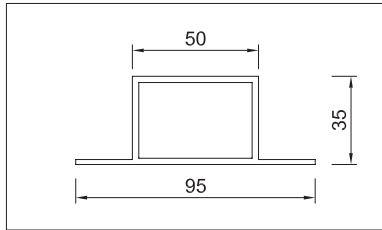


R

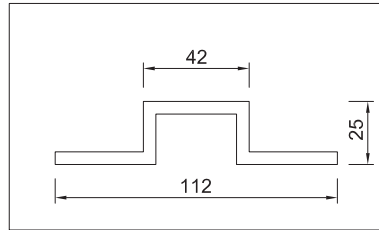


R		
R60	36 mm	60 mm
R100	36 mm	100 mm
R150	42 mm	150 mm
R250	48 mm	250 mm
R300	48 mm	300 mm

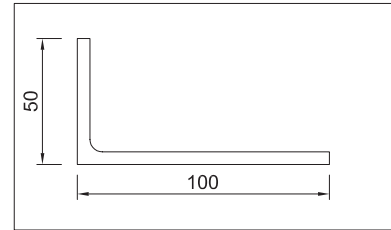
095.35



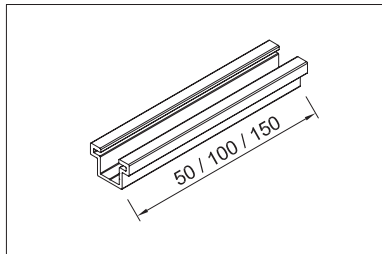
0112.25



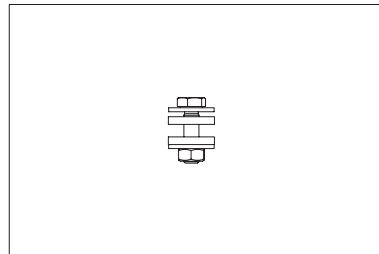
L100.50



C22.50 / C22.100 / C22.150



CTF



madera bois timber				posición lama position lame blade position		Distancia max entre fijaciones (*) Distance max entre les fixations (*) Max distance between anchors (*)	
modelo modèle model	maciza massif solid	unión dentada abouté finger joint	laminada lamelle-collé glued laminated	H	V	H	V
F60	✓	●		✓	✓	1200	1200
F70	✓	●		✓	✓	1500	1500
F100	✓	●		✓	✓	1500	1500
R60	✓	●		✓	✓	1200	1200
R150	✓	●	●	✓	✓	2000	3000
R200	✓	●	●	✓	✓	2000	3000
R250		●	✓	✓	✓	2500	3500
R300		●	✓	✓	✓	2500	3500

(*) Medidas indicativas. Variable según especie | mesures indicatives. Variables selon les espèces | indicative measures. Variable according to species

● dependiendo del largo | en fonction de la longueur | depending on the length

● según la especie | selon les espèces | according to species

ensemble de soporte
ensemble de support
support assembly



montaje del sistema
assemblage du système
system assembly

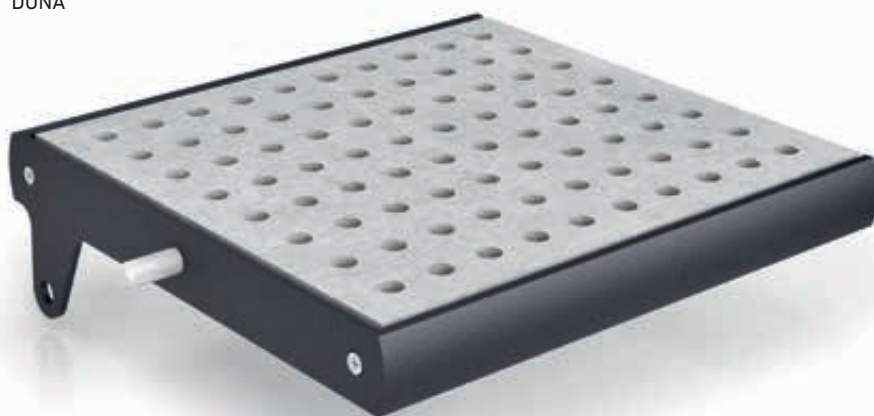


brise soleil - **ALC**

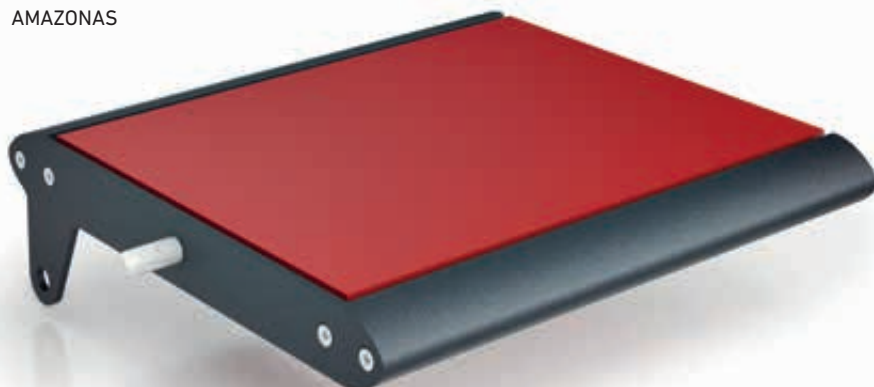
a la carta | *à la carte* | *a la carte*

lama orientable singular | *lame orientable singulière* | singular movable blade

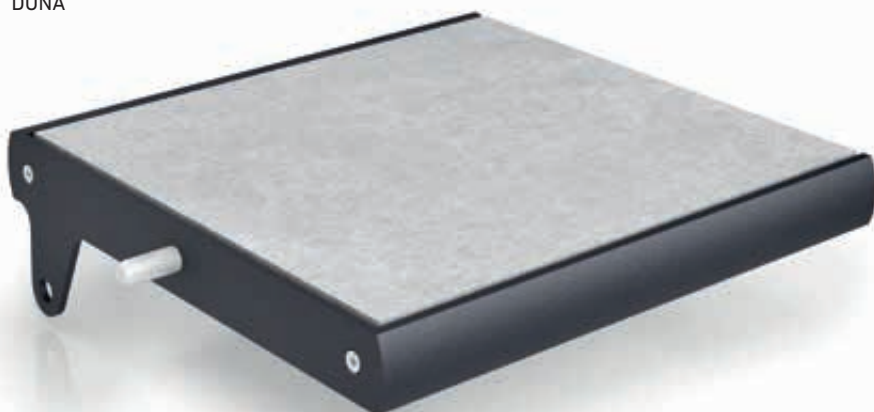
DUNA



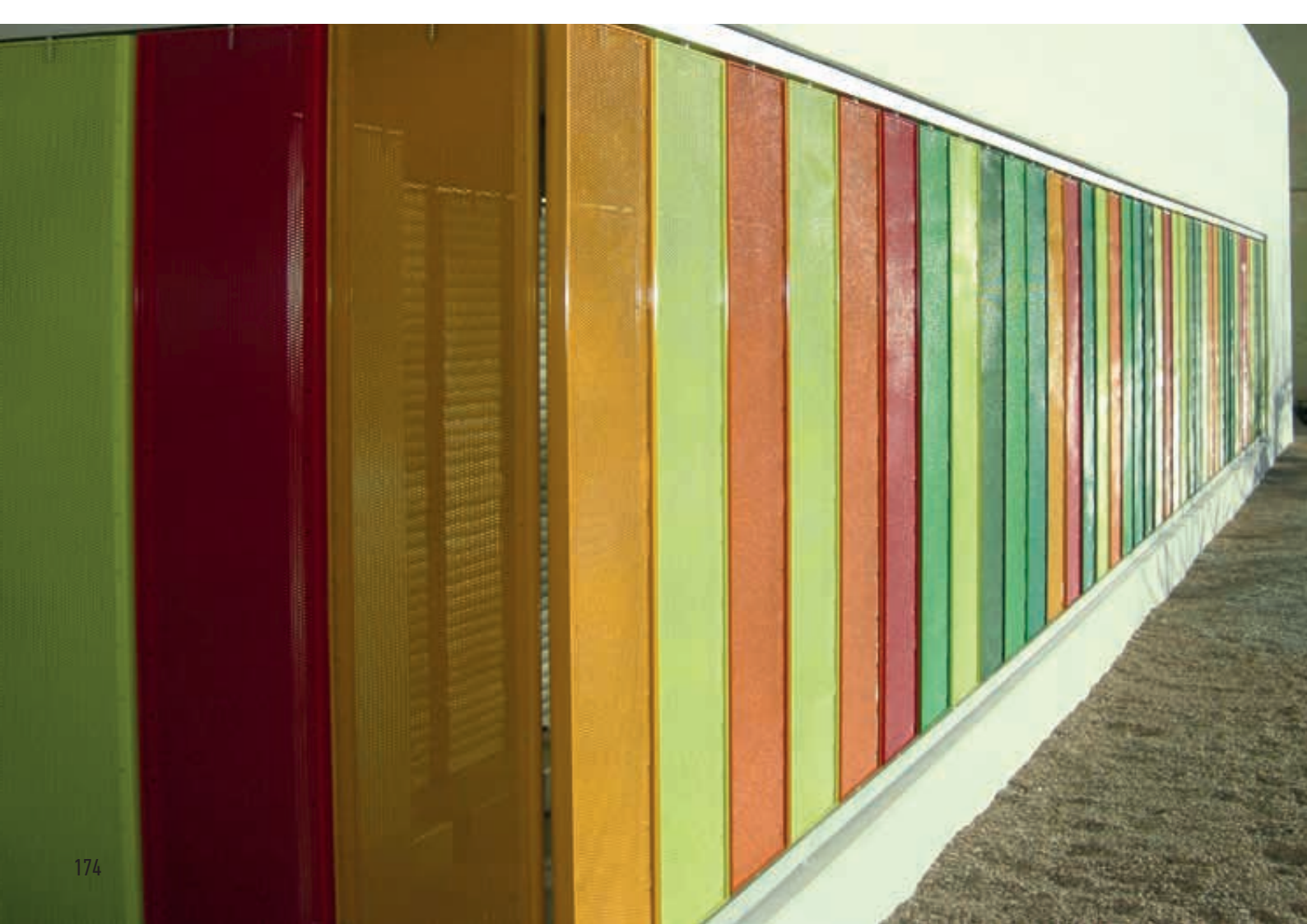
AMAZONAS



DUNA











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