



ECLIPSE PRIVACY SLATS

PATENTED CONCEPT



GEPLAST
Outdoor

February 2024

GEKO

Eco-designed by nature

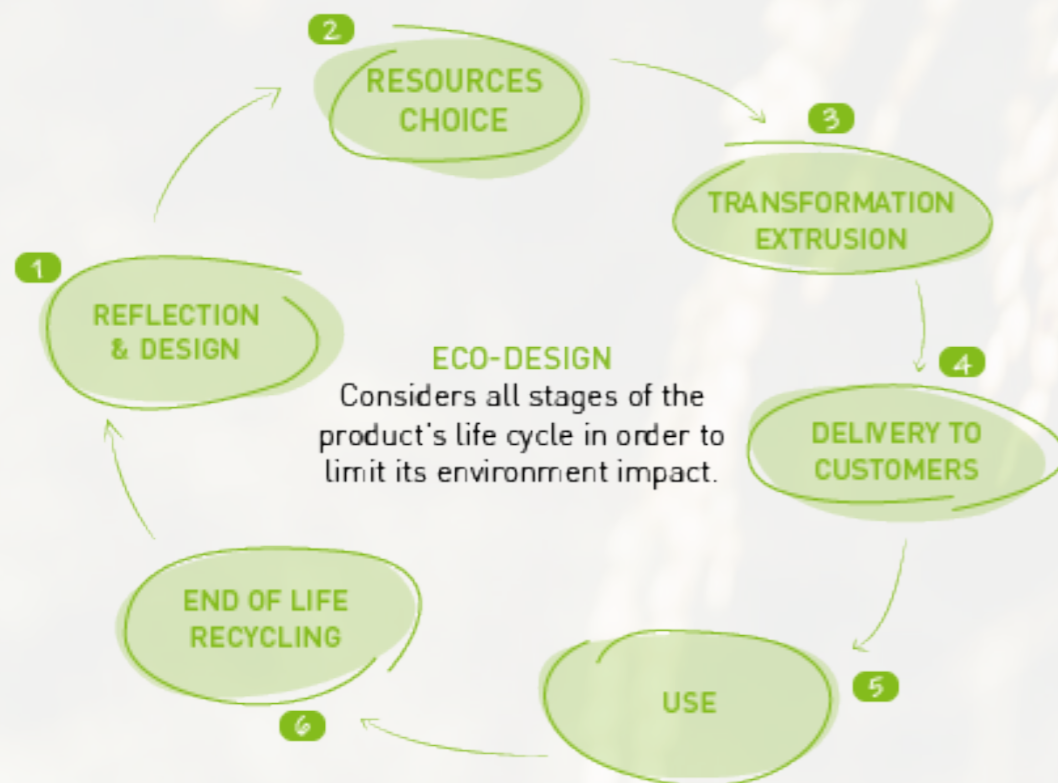
From the outset, the products in the GEKO range are part of a **decarbonized and sustainable life cycle**. As a matter of principle, and as far as possible, recycled materials will be used. **All offcuts are sorted, crushed and re-extruded.**

In addition to recycled material, GEKO uses alternative composites, from almost inexhaustible agricultural resources or bio-sourced materials.

In the manner of a «gecko», a type of lizard found in many parts of the world, the products in the range meet three basic requirements :

- **eco-responsibility** → nature
- **product quality** → agility
- **customized solutions** → great adaptability

A symbol of Geplast's commitment to environmental protection, GEKO is a new green experience in the history of building, simply because it is «**Eco-designed by nature**».



35%

de notre production est réalisée en matière recyclée, soit 2 441 tonnes à l'année.

REFLECTION & DESIGN

Reflection is the starting point for the design of a product. So we think about the composition of the products, the technical performances we want to obtain as well as the materials to use. The goal is to reduce our environmental footprint as much as possible.

RESOURCES CHOICE

- 100% recycled PVC, obtained through the management of our offcuts transformed into extruded co-products or from our local recycling partners.
- Use of bio-sourced materials such as Loryza®. Composed of 60% natural material (rice husk), it contains a much lower proportion of petroleum than virgin PVC.

At Geplast, 200 tons of recycled material are used per month to make our products, representing 30% of our total production.

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TRANSFORMATION EXTRUSION

We favor co-extrusion* for the development of our GEKO products. The visible outside is made of 0.5 mm of virgin material to keep the technical aspects on the surface and the inside is made of recycled material.

The eco-design of our products also involves thinking about energy savings, for example by changing the cooling system of our machines. They will be more energy efficient.

**This extrusion process makes it possible to obtain a product combining two different formulations to form a single product.*

END OF LIFE RECYCLING

The lifespan of PVC products is 30 years. They are then recovered and recycled by waste treatment companies. Once this step is completed, Geplast takes back the recycled material to create new profiles and products.

DELIVERY TO CUSTOMERS

The next step is to deliver our customers. To limit our carbon footprint, our deliveries are optimized to avoid round trips.

USE

Our customers generate co-products;

REDUCING OUR FOOTPRINT

The eco-design of our products also involves reducing our carbon impact. Since 2018, Geplast's R&D department and the firm EVEA have been conducting a study to calculate the carbon costs of our recycled materials and measure the energy consumption of some of our extrusion lines. This questioning is formalized by the EPR which should be implemented in 2023 and which should over the years require manufacturers to establish Life Cycle Analyses (LCA) in order to produce Environmental and Sanitary Declaration Sheets (ESDS) for each product, which will be published in the Inies database and verified by the control bodies.



THE MATERIALS

"Because it takes good products and know-how to design good profiles."

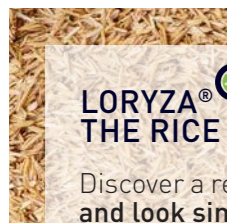
As for many products, the quality of the raw material is a key condition. This is even more true for products related to the world of outdoor design, permanently exposed to the vagaries of the weather (rain, wind, heat, humidity ...). With this in mind, GEPLAST has chosen to source almost exclusively from a resin manufacturer recognized for its expertise in order to extrude 100% French profiles in its Saint-André-de-la-Marche (49) plant.

Fully integrated in a continuous improvement process, the raw material is certified and controlled at all stages of production, allowing us to guarantee it over the long term.



PVC THE GUARANTEE OF DURABILITY

PVC is a 100% recyclable material with many advantages: multi-purpose, resistant to external aggressions (UV, precipitation, fire), non-oxidizing, easy to maintain, decorative and with excellent insulating properties.



LORYZA® THE RICE HUSK THAT REINVENTS WOOD

Discover a resolutely contemporary material that offers a touch and look similar to wood but without its constraints.



A PRODUCT WITH HIGH ADDED VALUE

- > No splinters
- > Pleasant to the touch
- > Easy to clean
- > Waterproof
- > UV resistant
- > No splintering
- > No decomposition
- > Resistant to insects and fung
- > Customizable customizable

A UNIQUE AND AWARD-WINNING MATERIAL

Loryza® is made from rice husks, a hitherto little-used food residue that requires no specific cultivation or deforestation. It is a particularly exceptional material because of its intrinsic qualities and the comfort it provides in terms of stability, feel and maintenance. Loryza® is an **eco-responsible product and is guaranteed for 15 years.**

AWARDED PRIZES



PACKAGING

Geplast offers the ECLIPSE range in cardboard kits. These are made up of the various profiles needed to fill a mesh panel.

The packaging has been designed to use as little cardboard and paper as possible. Our aim is to reduce our carbon footprint as much as possible by limiting waste and optimising our deliveries to our customers, thus avoiding empty transport.



CARDBOARD KITS



The cardboard kits used for the Eclipse range have been redesigned to make work easier for operators and reduce their workload.

The assembly instructions are printed directly on the box to make it easier to install the profiles. The part numbers and number of slats vary depending on the mesh.

Storage

For storage, the packs should be placed on a dry, flat surface in a well-ventilated area so that they do not warp.

Blackout blinds and accessories are stable at temperatures from -15° to +40°C, provided that the conditions of storage and normal use have been scrupulously observed.

Discolouration

All exterior products may vary in colour as a result of exposure to UV rays or the elements. This natural phenomenon does not call into question the quality of the product or its durability.

Windward

Fencing is the equivalent of building a wall, so the posts need to be reinforced to ensure that the fence lasts.

Likewise, depending on the orientation of your fence and in the event of strong winds, we recommend partially dismantling the rails to limit the wind load.

Maintenance

The ECLIPSE range is made from PVC and Loryza®. Clean only with warm soapy water and a non-abrasive sponge, then rinse with clean water.

Precautions: never apply solvents, antifoams, acids, acetone-based products or chlorine.

Please read carefully before installing Eclipse privacy slats

This installation principle applies to the ECLIPSE blackout panels in the Geplast Outdoor range. These blackout panels are patented and designed solely for outdoor use with welded mesh screens (not sold by Geplast SAS). Before starting work, check that all the panels and accessories are the same colour. As our products are made of PVC, slight variations may occur from one panel to another. Given the diversity of mesh panels on the market and the unspecified conditions of use of our blackouts, the technical validation of the product is the responsibility of the purchaser and the end user. Geplast SAS declines all responsibility and will cancel its guarantee in the event of non-compliance with the instructions for use below.

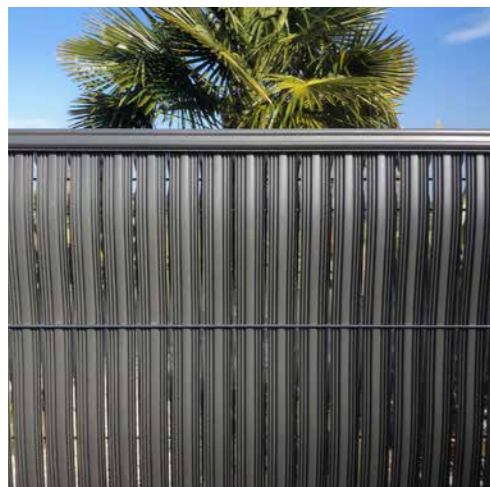
Non-binding document. We reserve the right to make any changes we deem necessary at any time in order to improve our profiles.



NEW ORYZON® COLLECTION P.7
Loryza® profiles with the new patented grip technique.



NEW RÉCIF COLLECTION P.10
"3D" profiles to give depth to your exteriors.



BAYA COLLECTION P.12
Flexible profiles that can be braided or straight.



BORÉAL COLLECTION P.14
Tubular profiles with the new patented fastening technique.

POSTERS P.16

The ECLIPSE range comprises 4 collections: Oryzon, Récif, Baya and Boréal.









Made from Loryza® or PVC, we offer a wide choice of colours and options, making it an ideal solution for your outdoor landscaping.

Loryza®
Oryzon® Collection

-  Natural
-  Tonka
-  Granit
-  Black

Mass coloured PVC

Récif, Baya, Boréal collections

-  White
-  Beige
-  Murry grey
-  Anthracite grey
-  Green
-  False wood
-  Black
-  Taupe



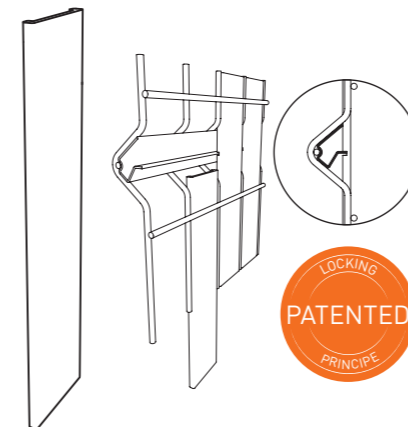
Colours

-  Natural
-  Tonka
-  Granit
-  Black

The new Oryzon collection made from Loryza® is available in four new colours. Loryza® is a recycled material made from 60% rice hulls and 40% PVC.

Rice husk is a hitherto little-used food residue that requires no special cultivation or deforestation. It is a particularly exceptional material because of its intrinsic qualities and the comfort it provides in terms of stability, feel and maintenance. Loryza® is an eco-responsible product with a 15-year guarantee.

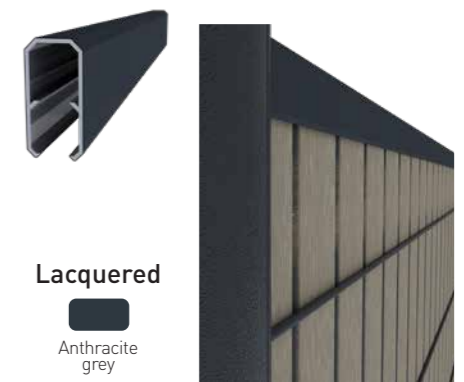
ADVANTAGES



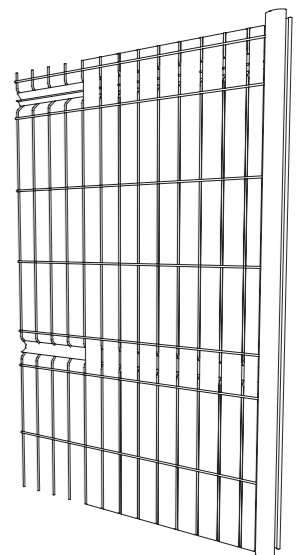
Resistant to weather, frost, salt air, UV, insects and fungi.

NEW FINISHING ALUMINIUM LACQUERED PROFILE

Designed and built to ensure that the slats are securely held in place, the profile completes the finish of the grilles.



Straight installation (with angle)
Solid profiles, held in place by locking angles.



STANDARD HEIGHTS AVAILABLE

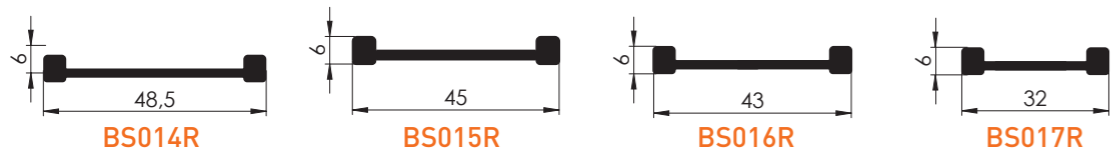
1,03m / 1,23m / 1,43m / 1,53m / 1,73m / 1,93m / 2,03m

For specific heights, please contact the sales department on +33 02.41.49.80.90

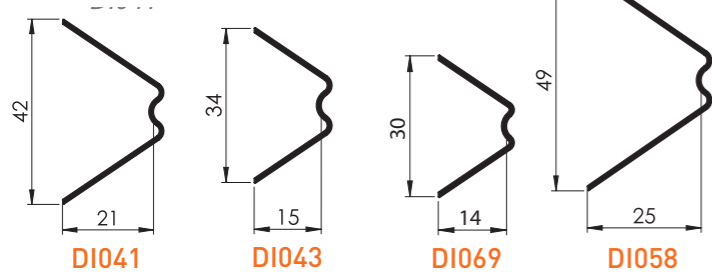
REFERENCES

Available in a cardboard kit depending on the version of the grilles and your requirements: [reference DIK11](#)

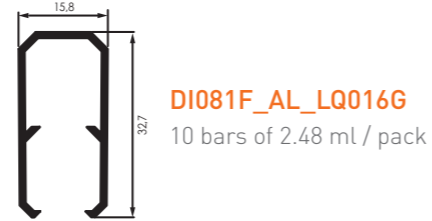
Grooved blackout panels



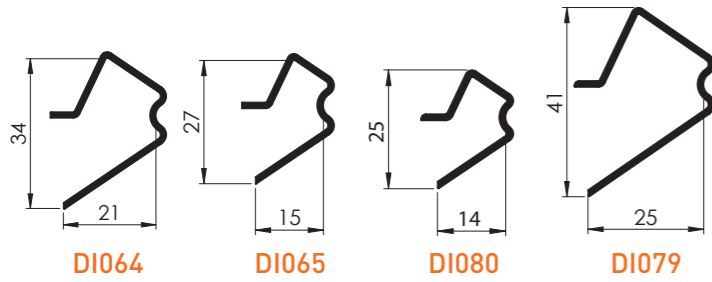
Reinforcement angles



ALU finishing profile



Locking angles



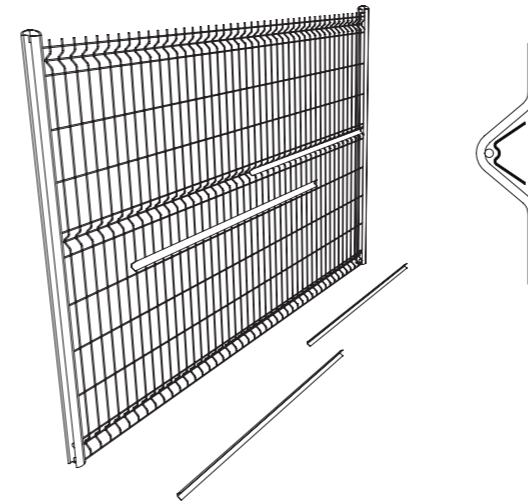
Loryza®Tonka



Loryza® Natural

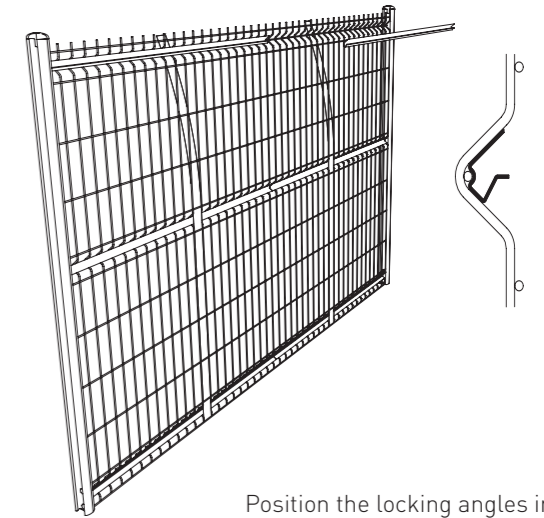
INSTALLATION INSTRUCTIONS

1. POSITION THE REINFORCING ANGLES



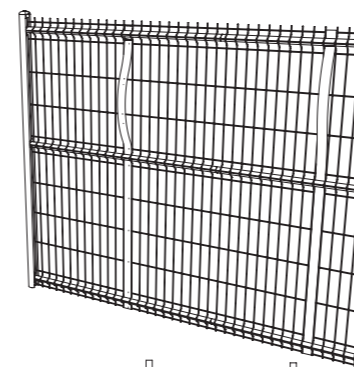
Position the reinforcing angles in the bottom and middle folds of the grille. Hold them in place by slipping a blackout cloth between each length of angle and the horizontal wires.

2. POSITION THE LOCKING ANGLES

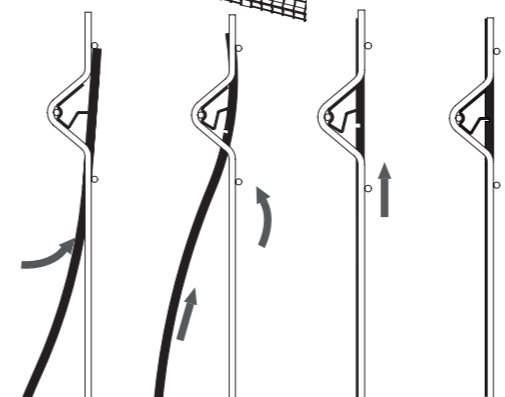


Position the locking angles in the top fold of the grille, with the tab at the bottom.

3. INSERT PRIVACY SLATS



Once the angles are in position, insert the top of the blinds between the locking angle and the horizontal wires, bending them until they click onto the tongue.

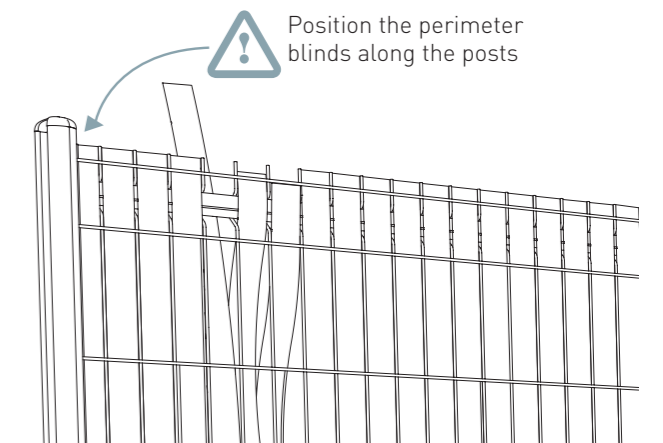


Given the diversity of mesh panels on the market and the unspecified conditions of use of our blackouts, technical validation of the product is the responsibility of the purchaser and user.

For further information, please contact our sales department.

4. FILL IN THE GRID

Finish filling the grid by repeating the operations of inserting the blinds in the intermediate folds, at the bottom, then at the top by bending.



Option: Position the finishing profile at the top of the panel



To see the assembly installation, scan the QR Code



Mass coloured PVC

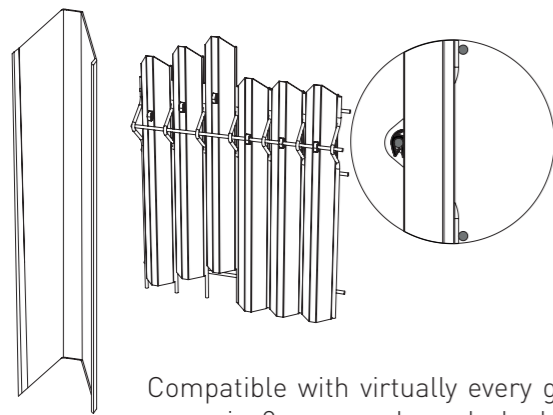


STANDARD HEIGHTS AVAILABLE

1,03m / 1,23m / 1,43m / 1,53m / 1,73m / 1,93m / 2,03m

For specific heights, please contact the sales department on 02.41.49.80.90

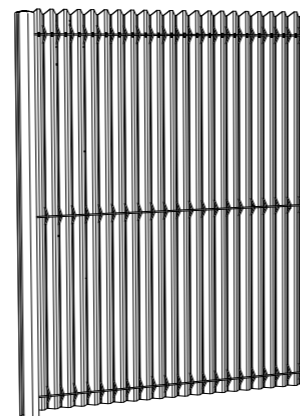
ADVANTAGES



New «3D» profile to add relief and originality to your exteriors.

Compatible with virtually every grille on the market, the slats come in 8 mass-coloured shades. Robust and maintenance-free, they ensure your privacy is preserved.

Straight installation
Rigid profiles held in place by clips.

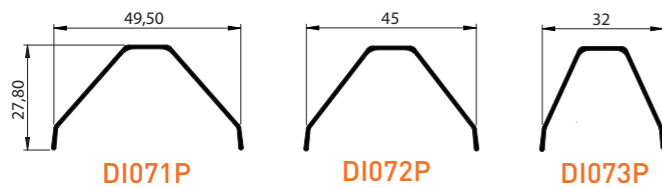


REFERENCES

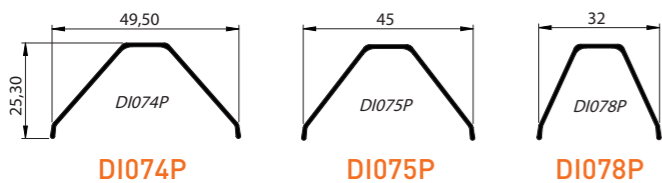
Available in a cardboard kit depending on the version of the grilles and your requirements: [reference DIK10](#)

Blackout profiles

Compatible grilles: MRT Hercule, Betaafence Nyloflor, Rivisa Ritmo, Peripro Minerva....



Compatible grilles: Lippi Aquillon, Dirickx Axylle, Gantois Giga 200....



Accessory



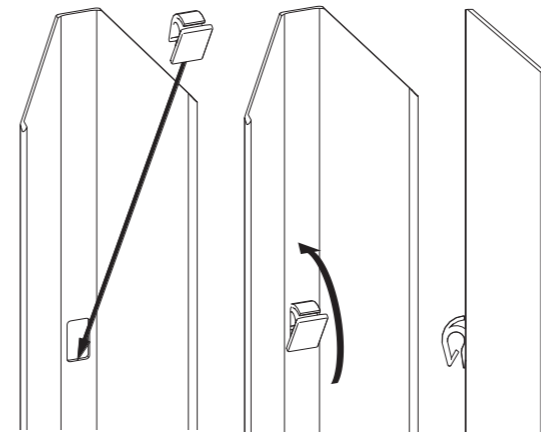
PIC076



INSTALLATION INSTRUCTIONS

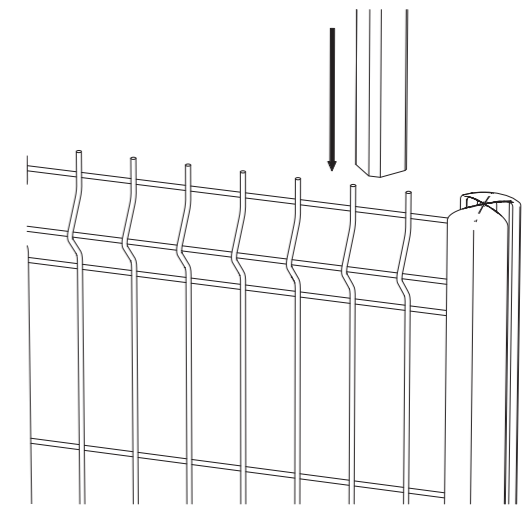
1. INSERT THE CLIPS

Insert a clip on each blackout



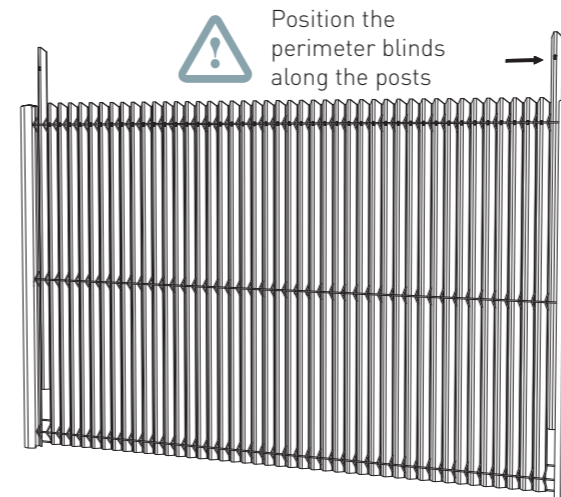
2. INSERT THE BLINDS

Slide a blackout into each mesh from the top of the grille.

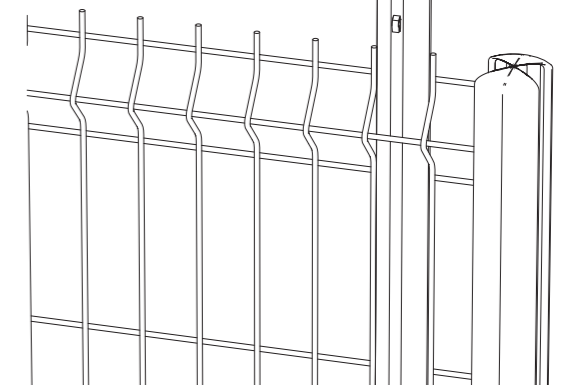


3. FILL IN THE GRID

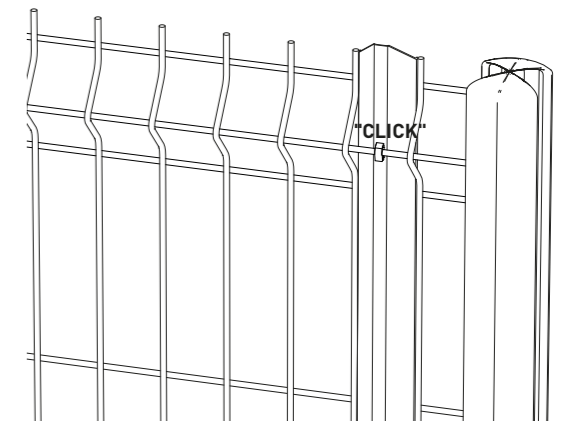
Complete the filling of the grille by repeating the operations for inserting the blinds.



Flat face of the blackout on the folded side of the grille.



Lower the blackout until the clip locks into the mesh wire.



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For further information, please contact our sales department.



COLLECTION BORÉAL

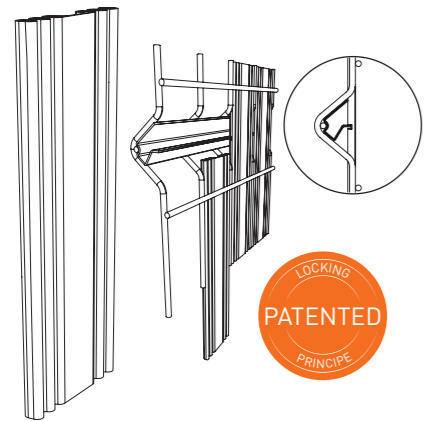
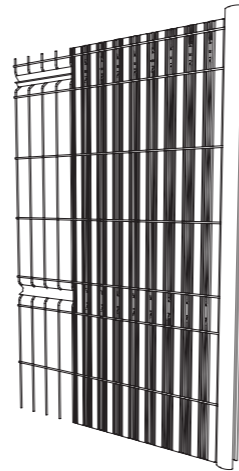
Mass coloured PVC



ADVANTAGES

Straight installation (with angle)

Tubular profiles held in place by locking and reinforcing angles.



A new, stiffer blade.

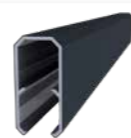
Compatible with virtually every grille on the market, the slats come in 8 mass-coloured shades. Robust and maintenance-free, they ensure your privacy is preserved.



Easy assembly with the new patented locking principle.

NEW FINISHING ALUMINIUM LACQUERED PROFILE

Designed and built to ensure that the slats are securely held in place, the profile completes the finish of the grilles.

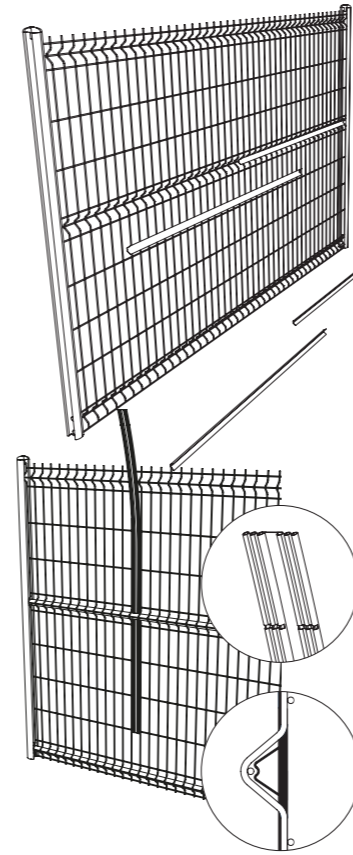


Lacquered
Anthracite grey



INSTALLATION INSTRUCTIONS

1. POSITION THE REINFORCING ANGLES

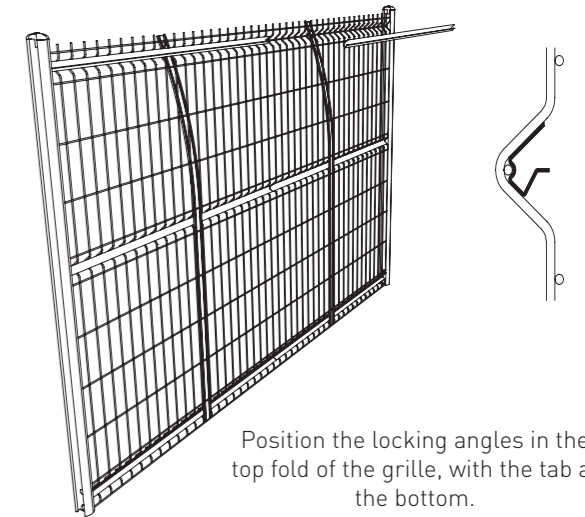


Position the reinforcing angles in the bottom and middle folds of the grille. Hold them in place by slipping a blackout cloth between each length of angle and the horizontal wires.

Grooved side angle side

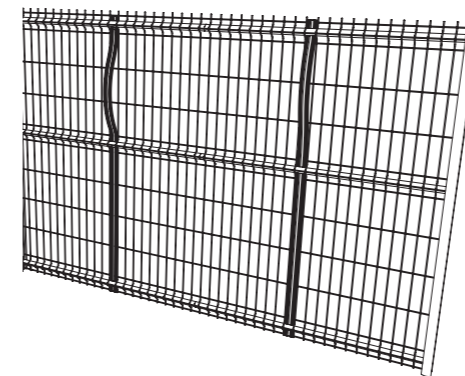
For grid heights without intermediate folds (1.03m and 1.23m high), we recommend braiding the blinds once in the mesh.

2. POSITION THE LOCKING ANGLES

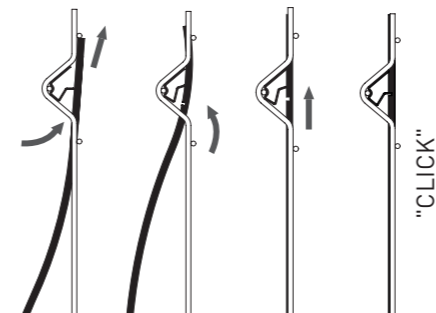


Position the locking angles in the top fold of the grille, with the tab at the bottom.

3. INSERT PRIVACY SLATS

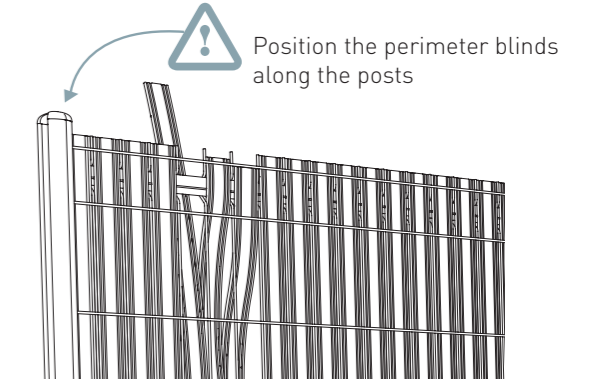


Once the angles are in position, insert the top of the blinds between the locking angle and the horizontal wires, bending them until they click onto the tongue.



4. FILL IN THE GRID

Finish filling the grid by repeating the operations of inserting the blinds in the intermediate folds, at the bottom, then at the top by bending.

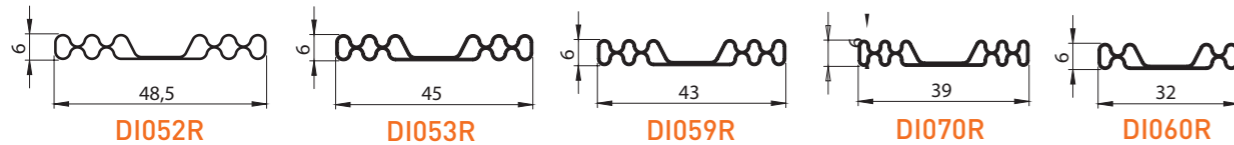


Option: Position the finishing profile at the top of the panel

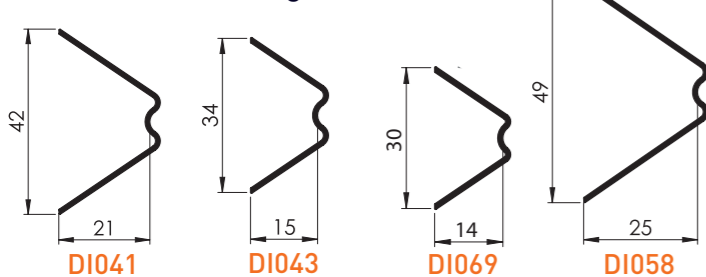
REFERENCES

Available in a cardboard kit depending on the version of the grilles and your requirements : *reference DIK9*

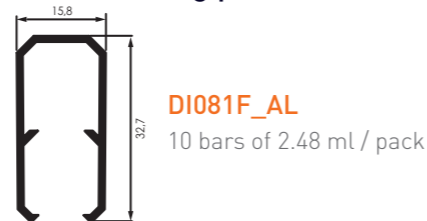
Tubular blinds



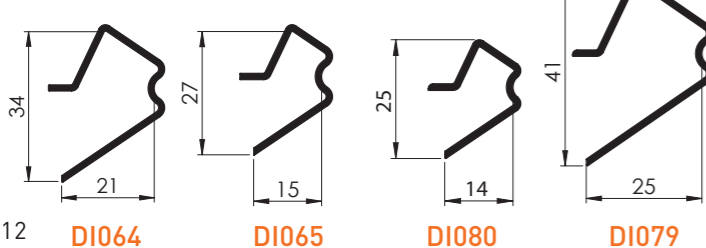
Reinforcement angles



ALU finishing profile



Locking angles



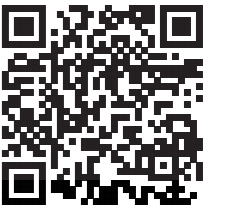
STANDARD HEIGHTS AVAILABLE

1,03m / 1,23m / 1,43m / 1,53m / 1,73m / 1,93m / 2,03m

For specific heights, please contact the sales department on 02.41.49.80.90

To ensure that the blinds stay in place better, we recommend braiding at least one mesh when the distance between folds is greater than 700mm (i.e. more than 3 horizontal meshes).

To see the assembly installation, scan the QR Code



Given the diversity of mesh panels on the market and the unspecified conditions of use of our blackouts, technical validation of the product is the responsibility of the purchaser and user.

For further information, please contact our sales department.

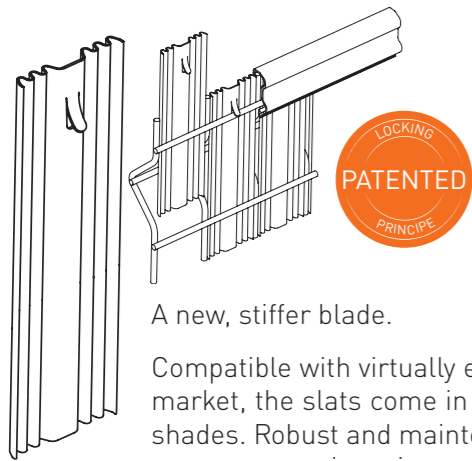




NEW AT

The profile of the Baya range has been designed to be less rich in PVC.

ADVANTAGES



A new, stiffer blade.

Compatible with virtually every grille on the market, the slats come in 8 mass-coloured shades. Robust and maintenance-free, they ensure your privacy is preserved.

NEW FINISHING ALUMINIUM LACQUERED PROFILE

Designed and built to ensure that the slats are securely held in place, the profile completes the finish of the grilles.



Lacquered
Anthracite grey

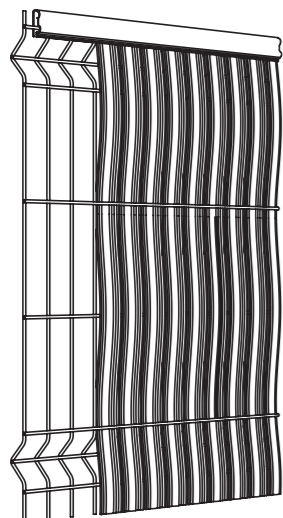
STANDARD HEIGHTS AVAILABLE

1,03m / 1,23m / 1,43m / 1,53m / 1,73m / 1,93m / 2,03m

For specific heights, please contact the sales department on 02.41.49.80.90

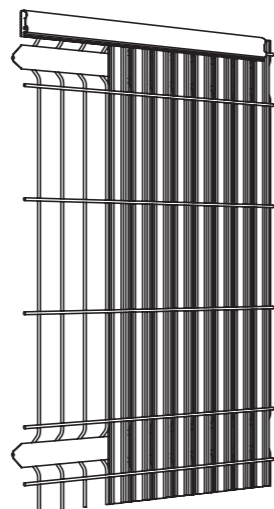
To ensure that the blinds stay in place better, we recommend braiding at least one mesh when the distance between folds is greater than 700mm (i.e. more than 3 horizontal meshes).

Two installation options: straight or braided.



Braided installation (without angle iron)

Semi-rigid profiles that can be woven into the welded mesh as required.



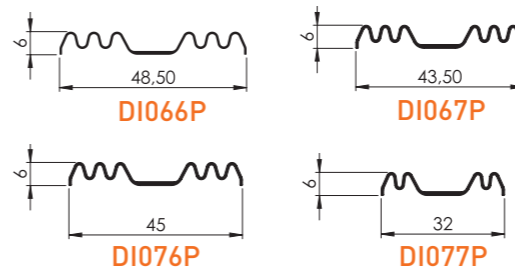
Straight installation (with angle iron)

Semi-rigid profiles. They are held in place by a combination of a finishing clip and locking hooks.

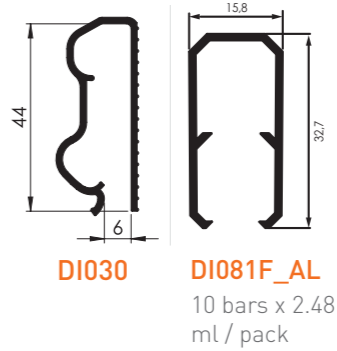
REFERENCES

Available in a cardboard kit depending on the version of the grilles and your requirements: [reference DIK8](#)

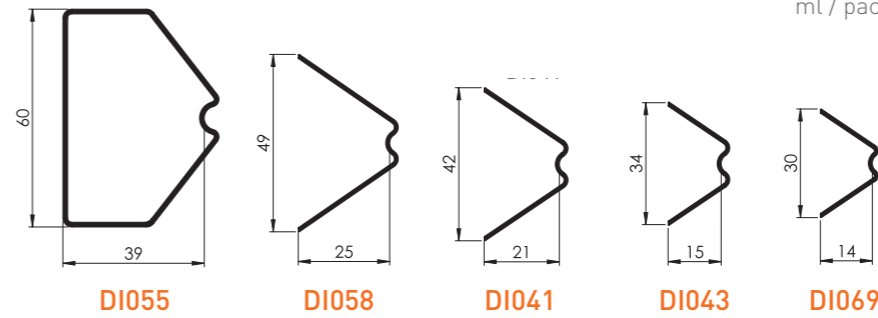
Privacy slats embosses



Finishing profile



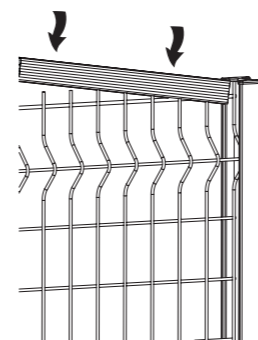
Reinforcement angles



INSTALLATION INSTRUCTIONS

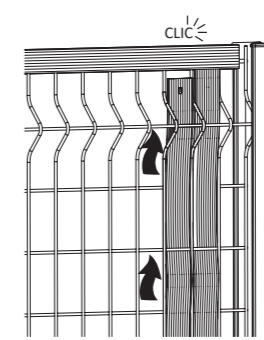
BRAIDED INSTALLATION

1. ATTACH THE FINISHING CLIP AT THE TOP



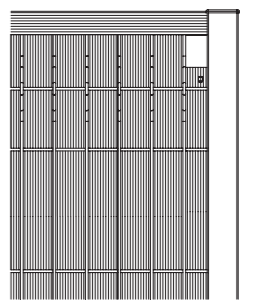
Place the finishing clip at the top of the panel with the flat side facing the folds of the grille.

2. FILL IN THE PANEL



Leave the meshes at the ends of the grid empty, then braid with the widest plates, starting from the bottom and working your way up. Repeat the process until you have filled the grid. Lock your dish in the finishing clip (you should hear a click).

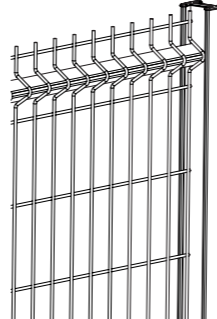
3. FILL THE ENDS



Finally, fill each end with the two remaining dishes.

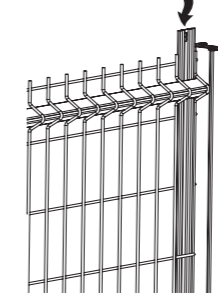
STRAIGHT INSTALLATION

1. SLIDE THE ANGLES INTO THE PLATES



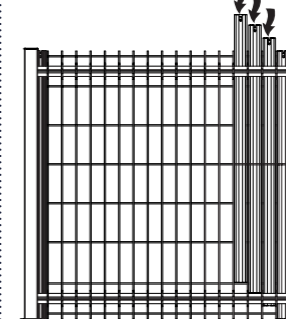
Slide the angle irons up and down.

2. SLIDE THE BLADES OF THE SHORE



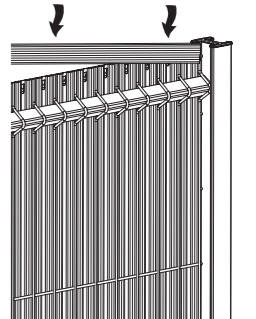
Glissez vos lames de rive dans les premières mailles verticales de droite et de gauche.

3. FILL IN THE PANEL



Glissez vos lames dans chacune des mailles jusqu'au remplissage du panneau.

4. ATTACH THE FINISHING AT THE TOP



Place the finishing clip at the top of the panel with the flat side facing the folds of the grille to lock your boards in place.

Given the diversity of mesh panels on the market and the unspecified conditions of use of our blackouts, technical validation of the product is the responsibility of the purchaser and user.

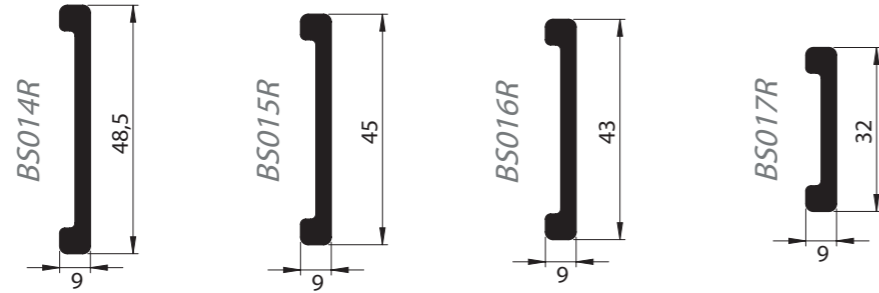
For further information, please contact our sales department.

Privacy slats "Oryzon collection"

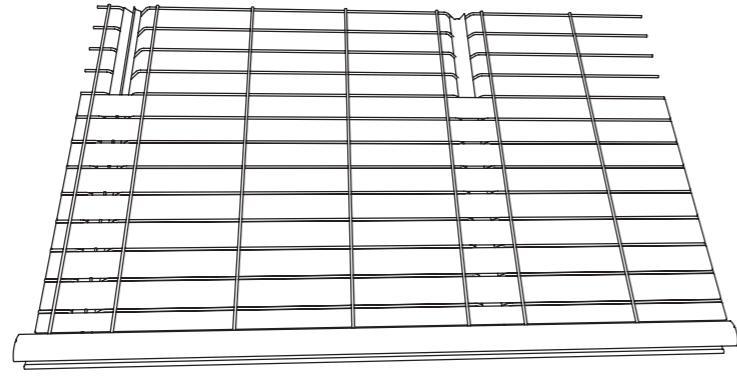
Loryza® privacy slats for mesh panels



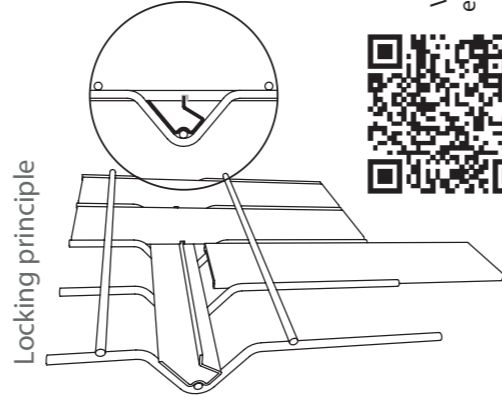
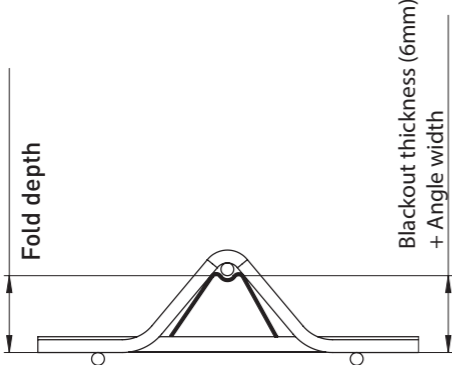
Profiles



Straight lay
(with angle iron)



Choice of angle*

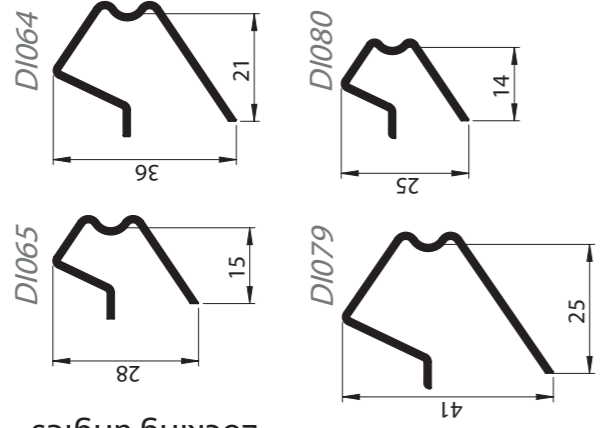


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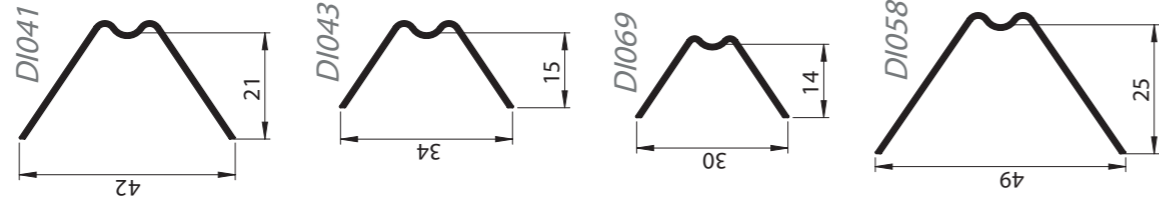
Video editing



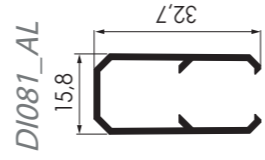
Locking angles



Reinforcing angles



Finishing profile

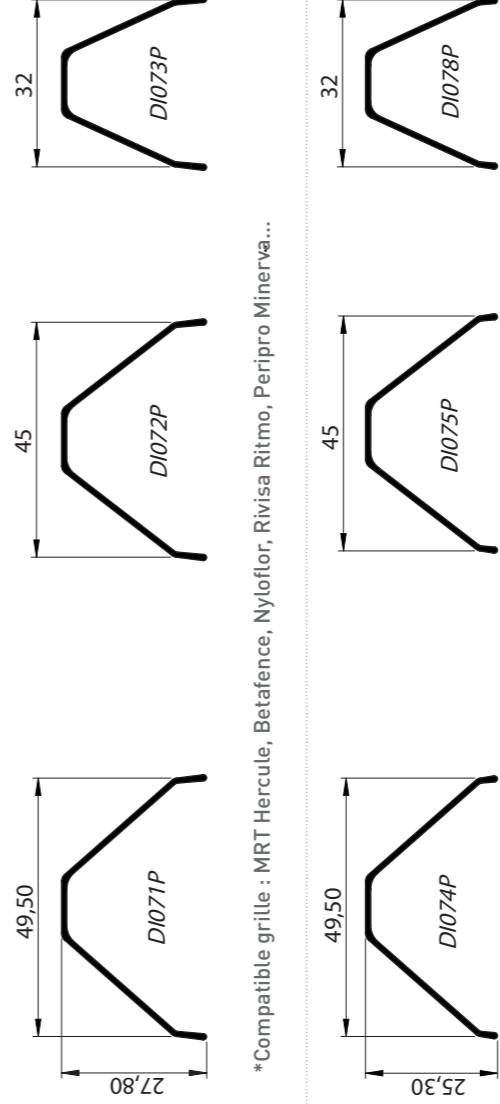
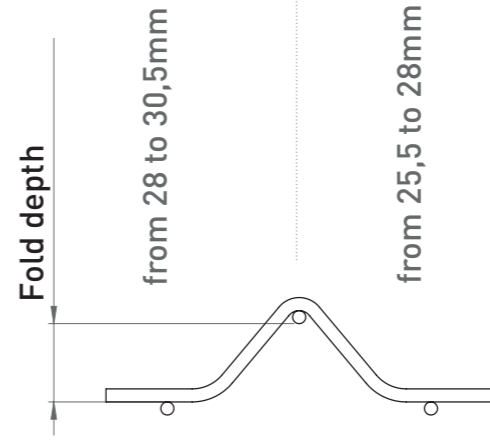


Privacy slats "Récif collection"

3D privacy slats for mesh panels



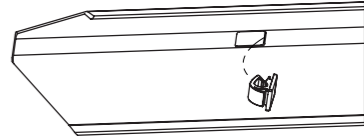
Profiles



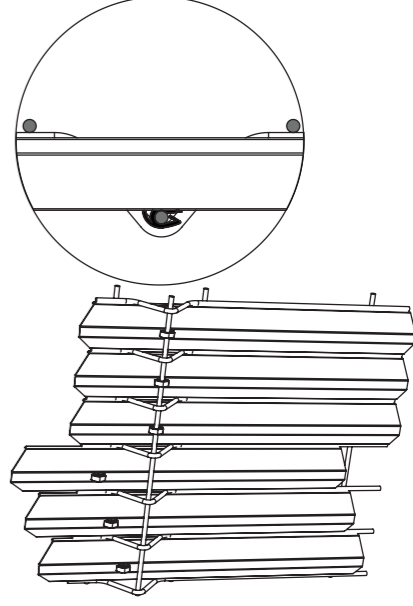
*Compatible grille : MRT Hercule, Betafence, Nyloflor, Rivisa Ritmo, Peripro Minerva...

*Compatible grille : Lippi Aquillon, Dirickx Axylle, Gantois Giga 200...

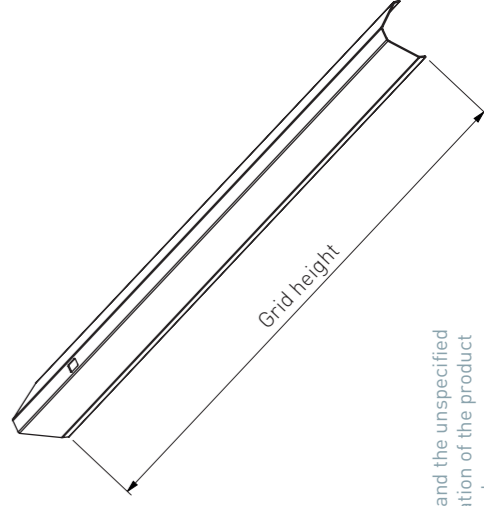
Accessory profiles



1-Fitting the clip



2-Installing the blackout



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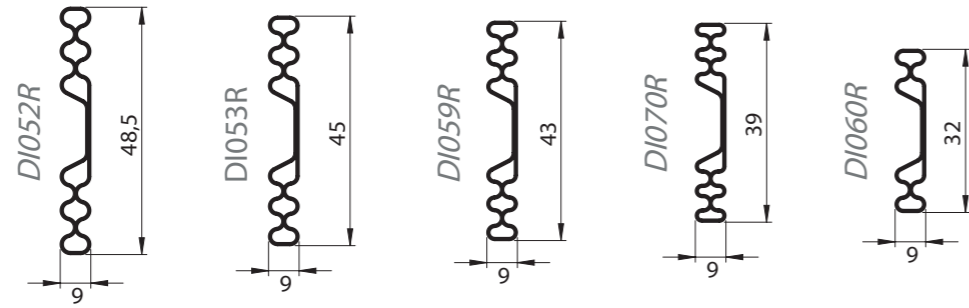
Privacy slats "Boréal collection"

Tubular privacy slats for mesh panels

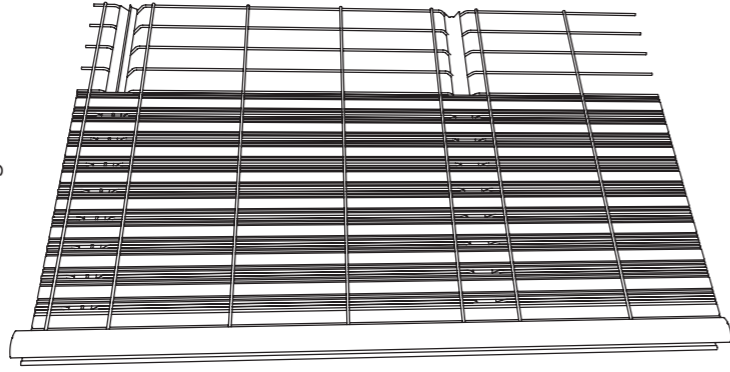


Available in cardboard and film kits: reference **DIK9**

Profiles

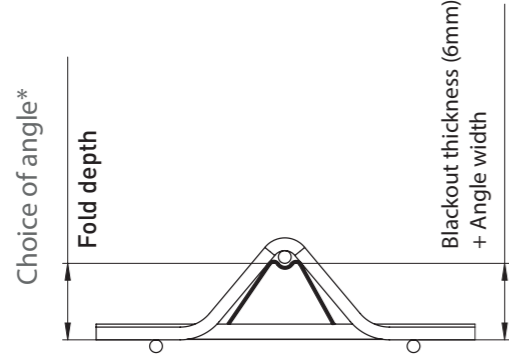


Straight lay
(with angle iron)

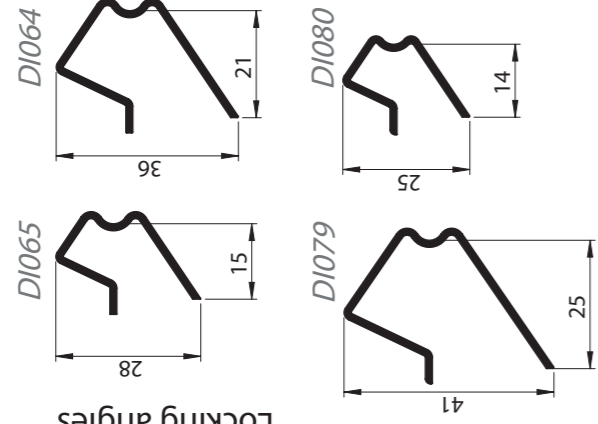


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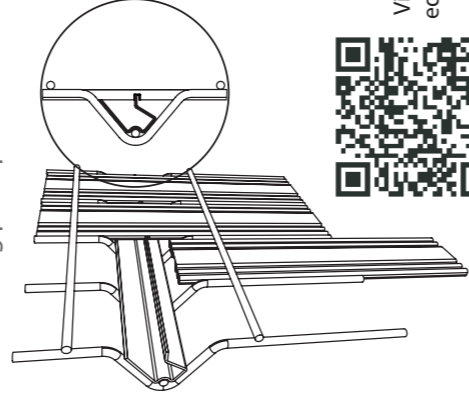
Accessory profiles



Locking angles

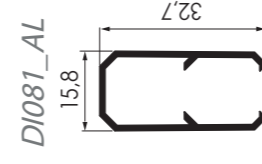


Locking principle

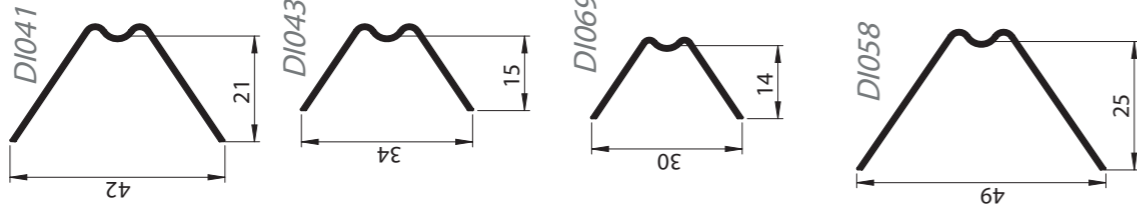


Video editing

Finishing profile



Reinforcing angles



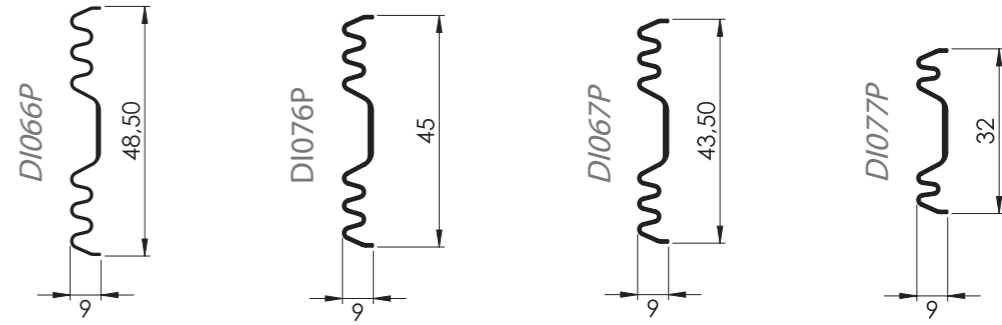
Privacy slats "Baya collection"

Semi-rigid privacy slats for mesh panels

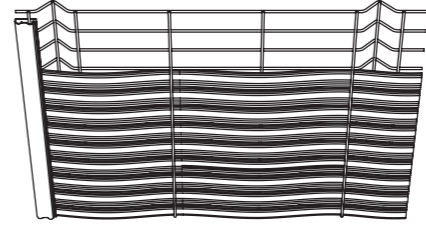


Available in cardboard and film kits: reference **DIK8**

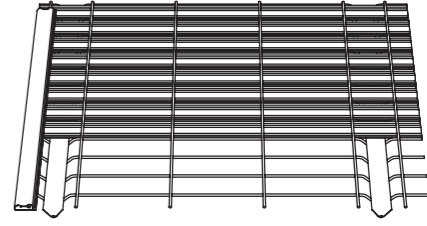
Profiles



Braided installation

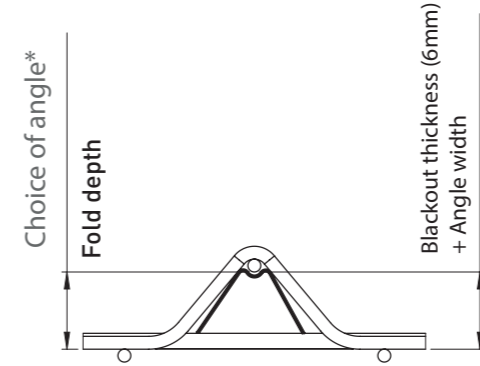
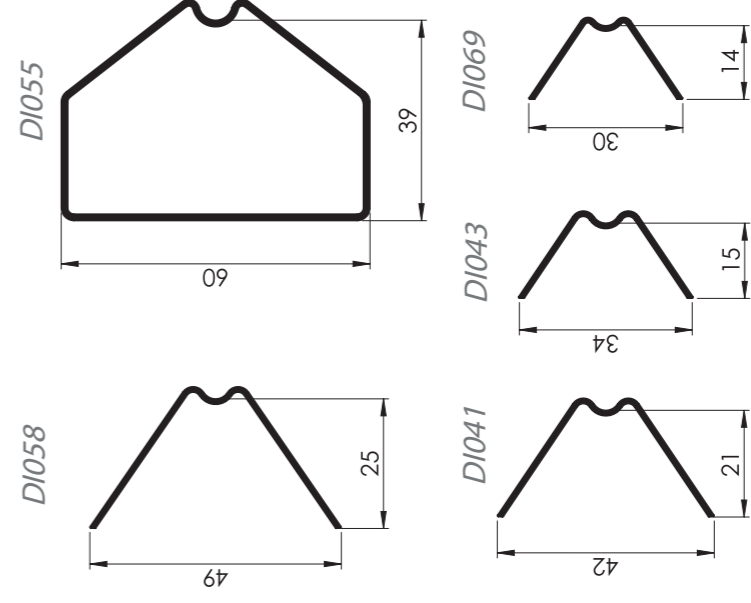


Straight lay (with angle iron)

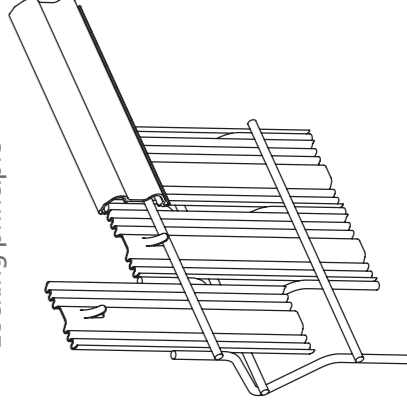


Accessory profiles

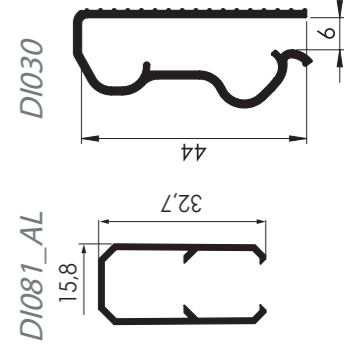
Reinforcing angles



Locking principle



Finishing profile



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GEPLAST

Outdoor

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