

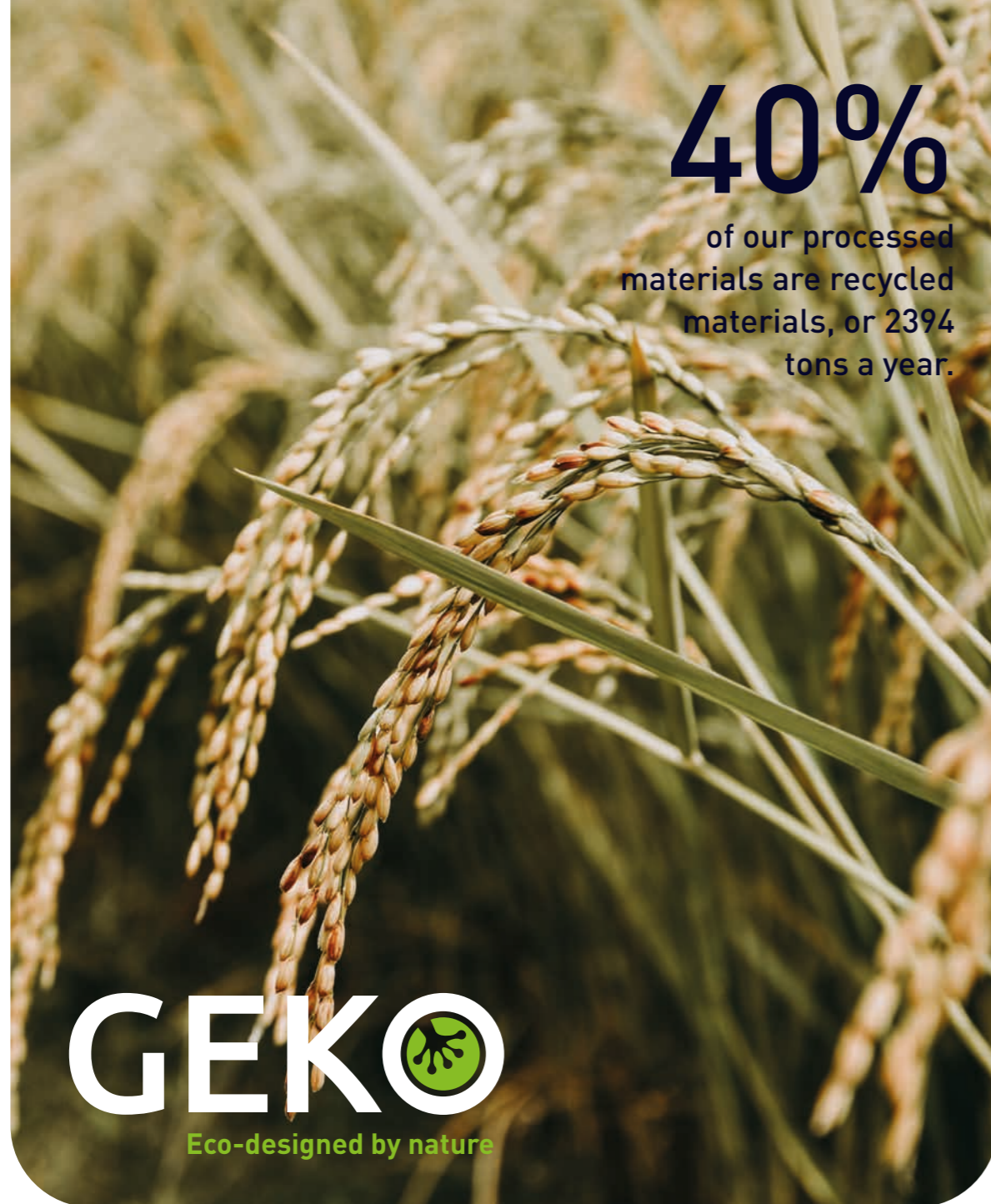
ECLIPSE PRIVACY SLAT



GEPLAST 
Outdoor

PATENDED CONCEPT

February 2025



40%

of our processed materials are recycled materials, or 2394 tons a year.

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.

Similar to 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**".

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 **37%** of our total production.

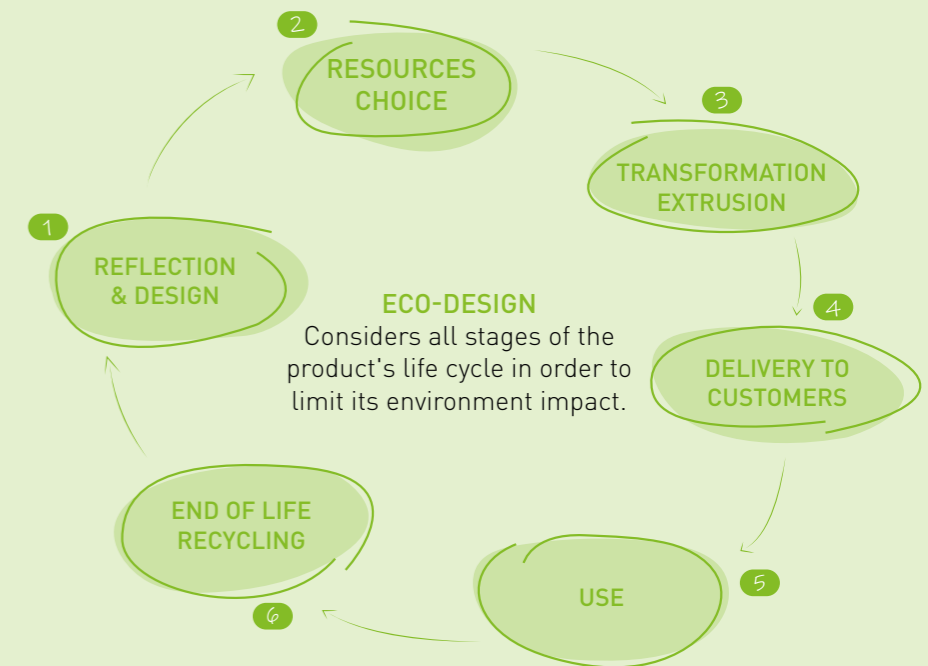
For example, the proportion of recycled material in our new IrYs box is **98%**, more than **80%** in our window treatments and **60%** for our products made of Loryza® material for the outdoor range.

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.

DELIVERY TO CUSTOMERS

To limit our carbon footprint, our deliveries are optimized to avoid round trips.

USE

Our customers generate co-products which we recover and purchase for re-use.

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.

REDUCING OUR CARBON 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 formalised by the EPR, which was introduced in 2023 and which should over the years require manufacturers to carry out Life Cycle Analyses (LCAs) in order to produce Environmental and Health Declaration Sheets (EHSDSs) for each product, which will be published in the Inies database and checked by inspection bodies.

MORE LABEL

For the fifth year running, Geplast has been awarded the first European label recognising our commitment to reducing the environmental footprint associated with the manufacture of our products by promoting the use of recycled raw materials.

Awarded by the French Plastics and Composites Federation (Fédération de la Plasturgie et des Composites), the MORE label (MO bilisés pour RE cycler) is proof of our progress in incorporating recycled materials into the production of our profiles.



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

Well-known to professionals, PVC is a material that has no shortage of resources and is still very much in vogue: multi-purpose, resistant to external aggression (UV, precipitation, fire), non-oxidising, easy to maintain, decorative and with excellent insulating properties, it is also relatively easy to work and install as long as a number of basic rules are followed.

PVC is 100% recyclable. The European industry has made considerable efforts to increase the collection of PVC waste and to optimise recycling technologies.



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

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



DESIGN & PRODUCT AWARD
Catégorie Matériaux de design 2011



reddot design award
PRODUCT DESIGN AWARD
Catégorie Matériaux de design 2016



MaterialPREIS2013
GAGNANT MATÉRIAU
Catégorie Innovation 2013

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.

ECLIPSE

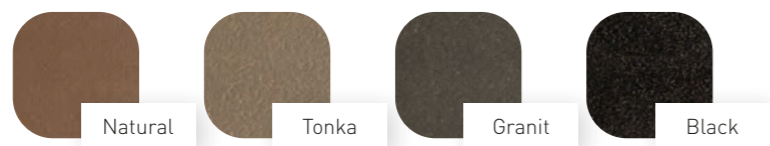


ORYZON[®] COLLECTION

Oryzon collection:
black Loryza[®] finish.

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.

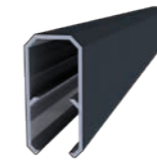


Articles of codification

Available in a cardboard kit depending on the version of the grilles and your requirements: reference DIK11

NEW

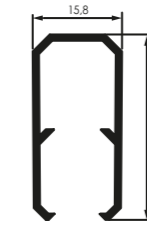
> ALU FINISHING PROFILE



Lacquered



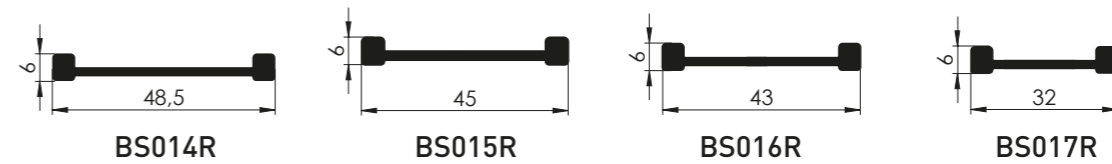
Anthracite grey



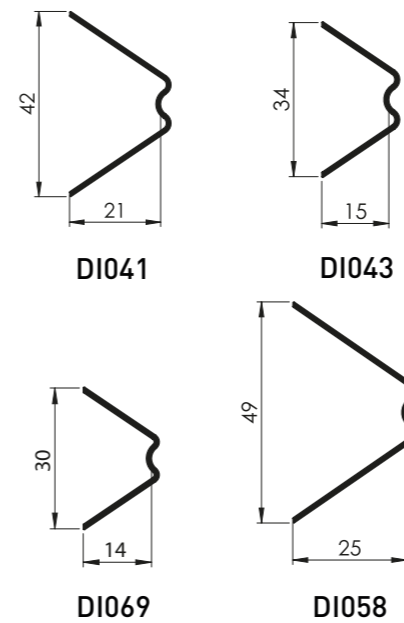
DI081F_AL_LQ016G
10 bars of 2.48 ml / pack

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

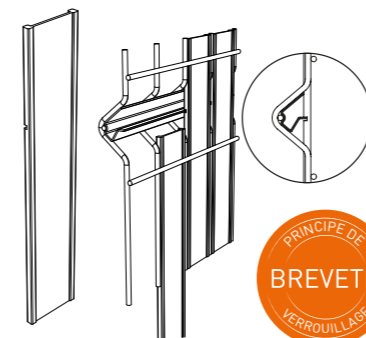
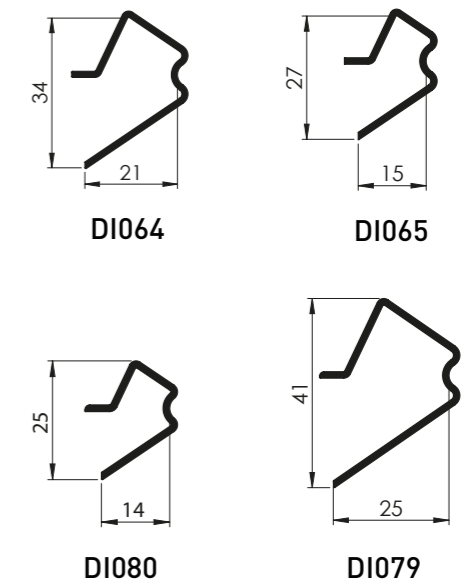
> GROOVED BLACKOUT PANELS



> REINFORCEMENT ANGLES



> LOCKING ANGLES



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

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



Installation instructions

To see the assembly installation, scan the QR Code

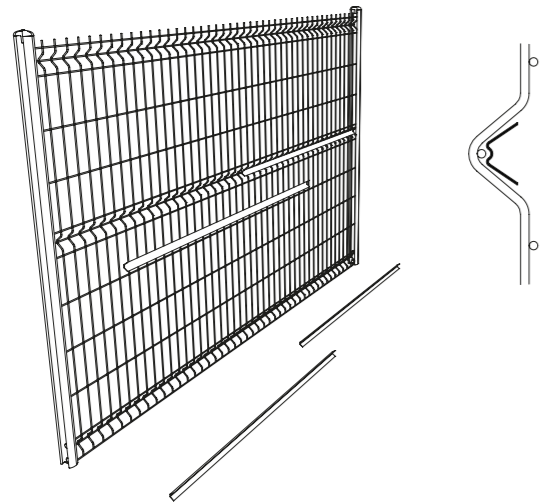


Privacy slats "Oryzon" collection Loryza® privacy slats for mesh panels



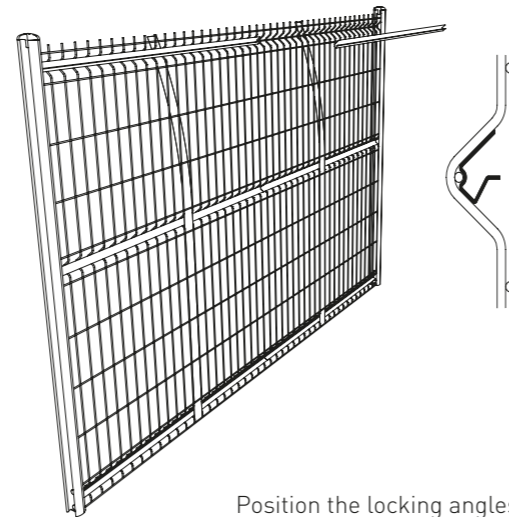
Available in cardboard and film kits: reference DIK11

1. Position the reinforcing angles



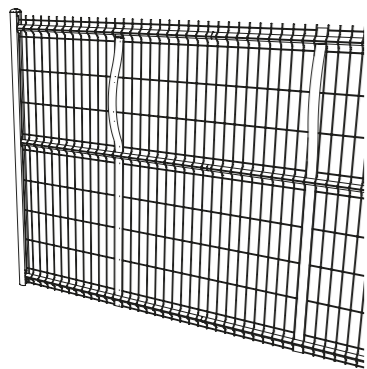
Position the reinforcing angles in the bottom and middle folds of the grille. Hold them in place by slipping a blackout cloth between each length of angle and the horizontal wires.

2. Position the locking angles

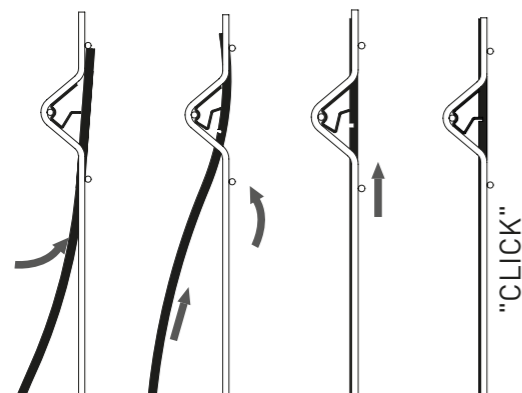


Position the locking angles in the top fold of the grille, with the tab at the bottom.

3. Insert privacy slats

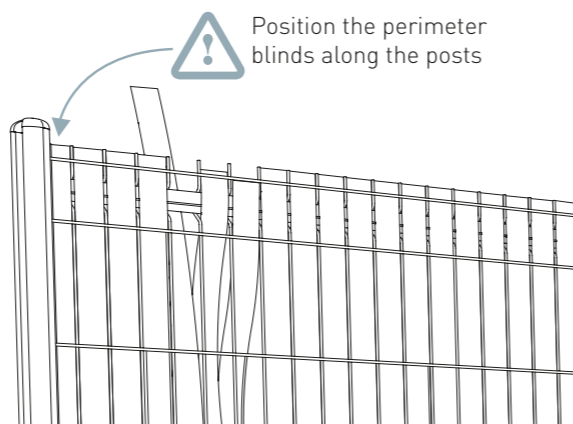


Once the angles are in position, insert the top of the blinds between the locking angle and the horizontal wires, bending them until they click onto the tongue.



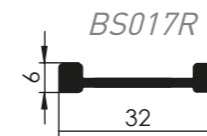
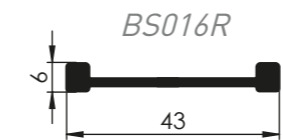
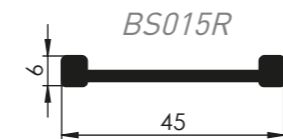
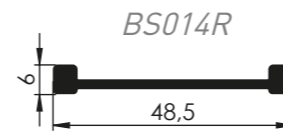
4. Fill in the grid

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.

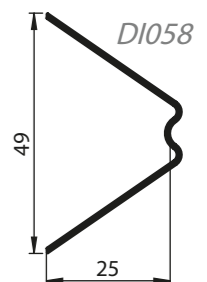
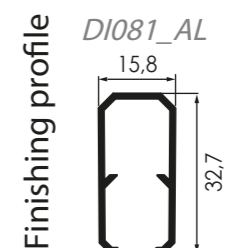
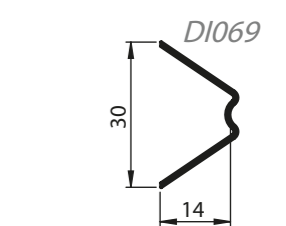
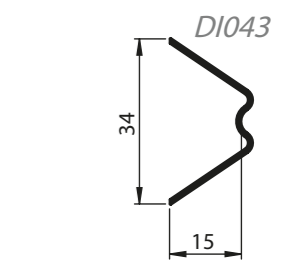
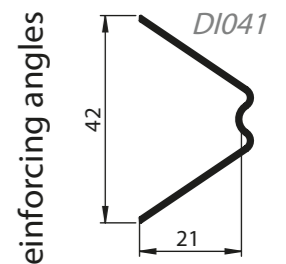
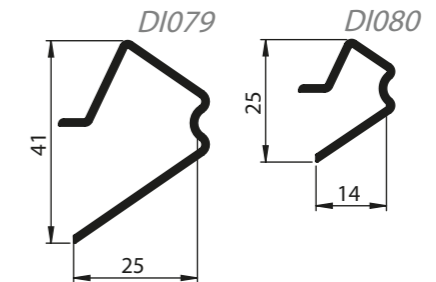
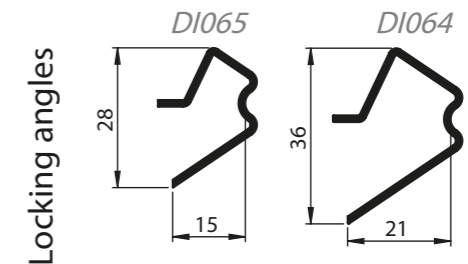


Option: Position the finishing profile at the top of the panel

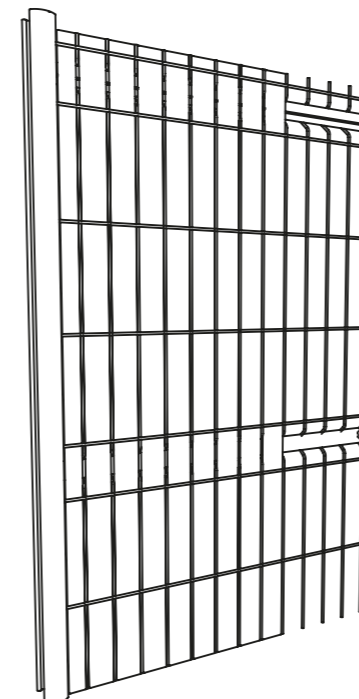
Profiles



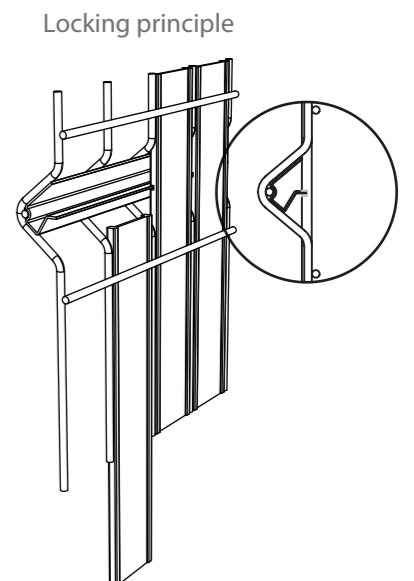
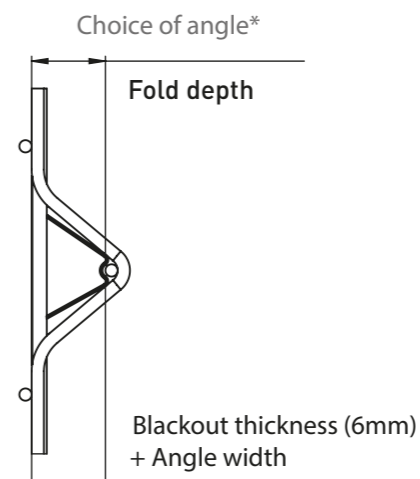
Accessory profiles



Straight lay (with angle iron)



Video editing



ECLIPSE



RECIF COLLECTION

Reef collection :
green, mouse grey, anthracite
grey and black PVC finishes

The Recif collection is made from PVC and comes in eight
solution-dyed colours.

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

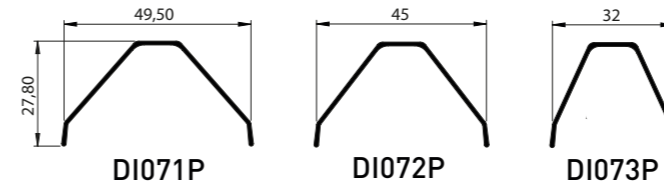


Articles of codification

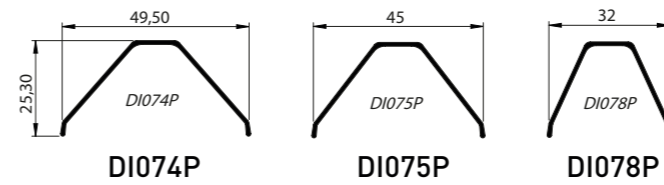
Available in a cardboard kit depending on the version of the grilles and your requirements: reference DIK10

> BLACKOUT PROFILES

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



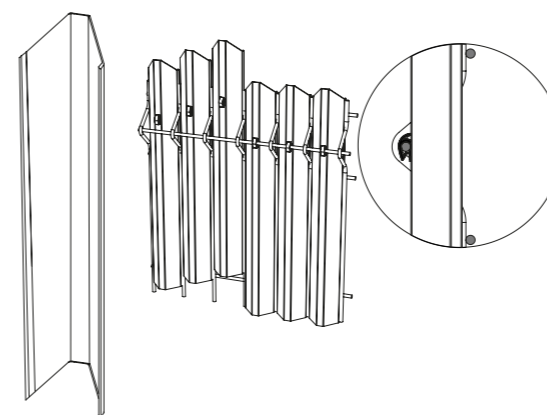
Compatible grilles: Lippi Aquillon, Dirickx Axylle, Gantois Giga 200....



> ACCESSORY



PIC076



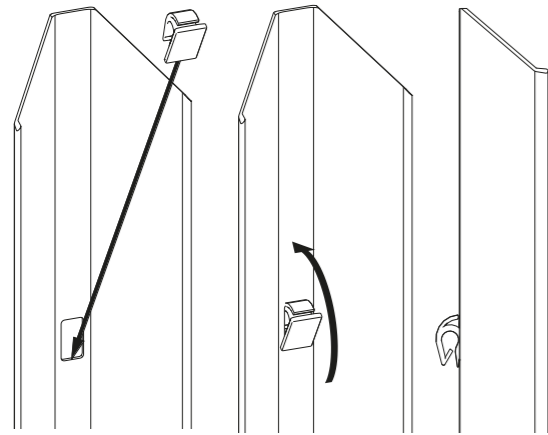
New «3D» profile to add relief and originality to
your exteriors.

Straight installation
Rigid profiles held in place by clips.

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

Installation instructions

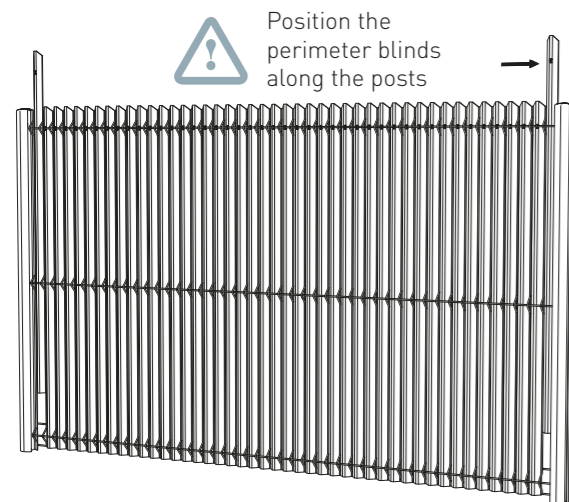
1. Insert the clips



Insert a clip on each blackout

3. Fill in the grid

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

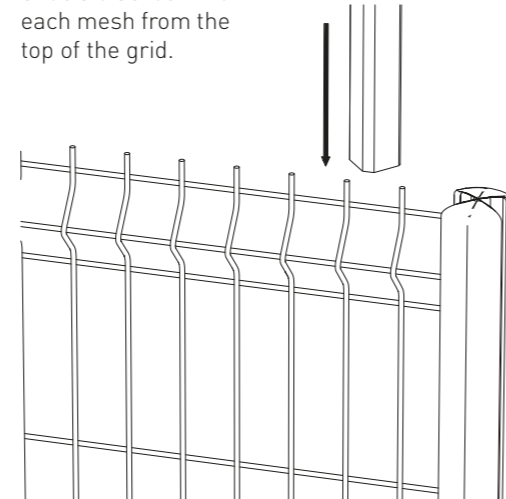


Given the diversity of mesh panels on the market and the unspecified conditions of use of our blackouts, technical validation of the product is the responsibility of the purchaser and user.

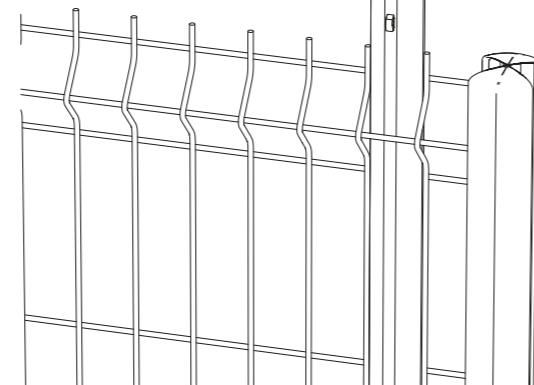
For further information, please contact our sales department.

2. Insert the blinds

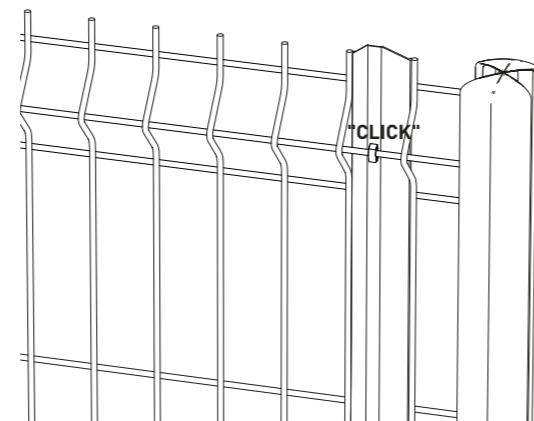
Slide a blackout into each mesh from the top of the grid.



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



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



Privacy slats "Récif collection"

3D privacy slats for mesh panels

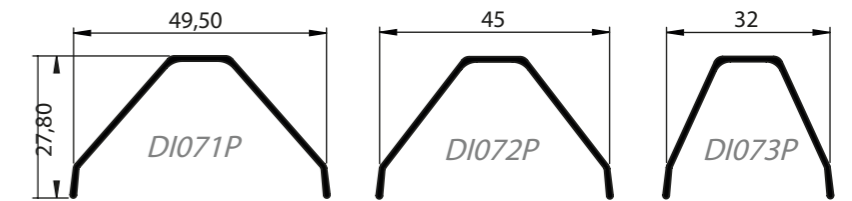
Available in cardboard and film kits: reference **DIK10**



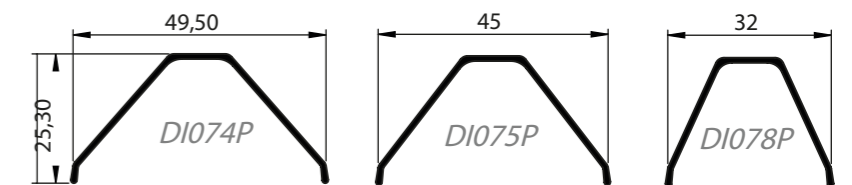
Accessory profiles



Profiles

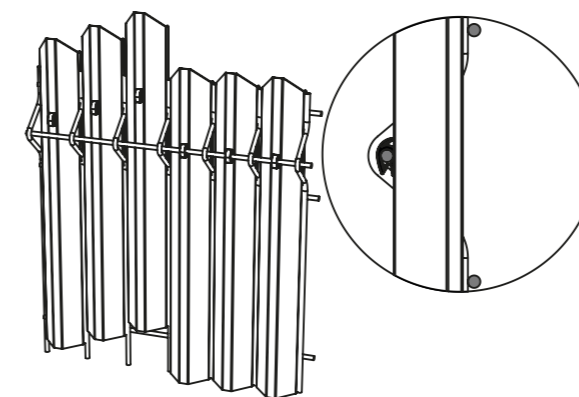


*Compatible grille : MRT Hercule, Betafence, Nyloflor, Rivisa Ritmo, Peripro Minerva...

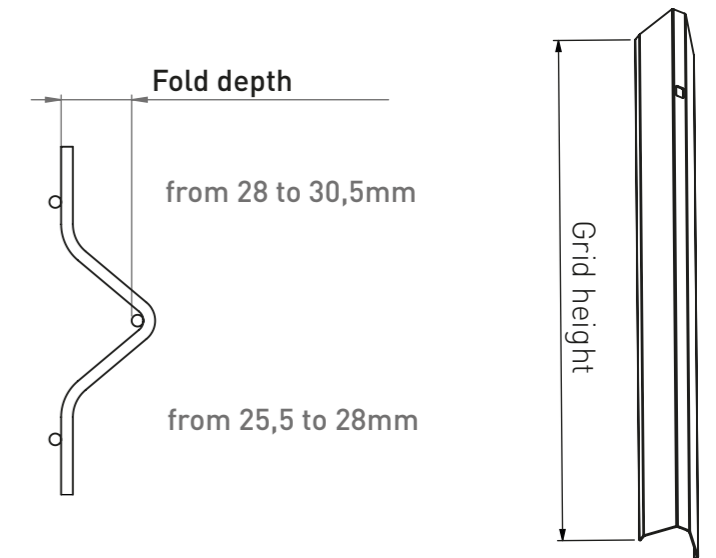


*Compatible grille : Lippi Aquillon, Dirickx Axylle, Gantois Giga 200...

1-Fitting the clip



2-Installing the blackout



**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.*

ECLIPSE



BOREAL COLLECTION

Boréal Collection : beige PVC finish

Boréal offers a new, more rigid blade and a new patented locking system that simplifies assembly. An ALU strip has been developed to perfect the finish of the grilles and ensure a good fit.

Compatible with virtually every grille on the market, the slats come in 8 mass-coloured shades.

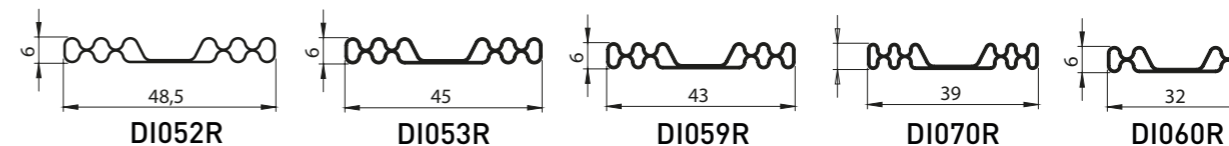
Robust and maintenance-free, you can be sure of preserving your privacy.



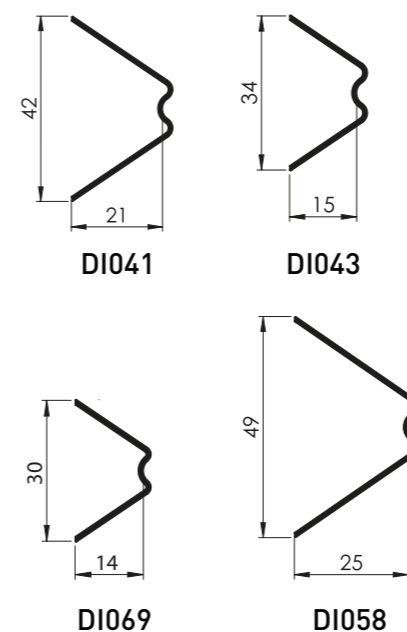
Articles of codification

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

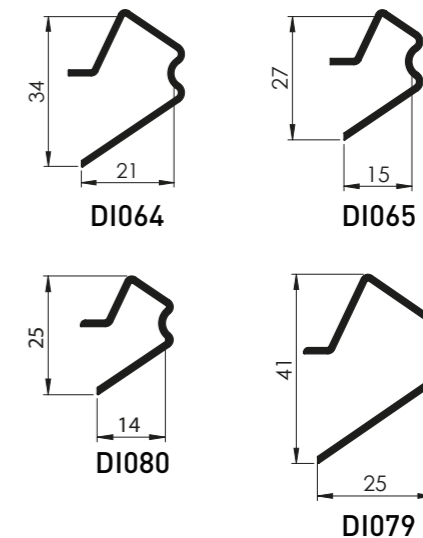
TUBULAR BLINDS



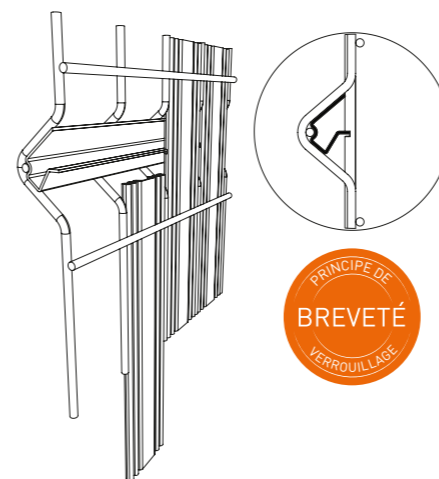
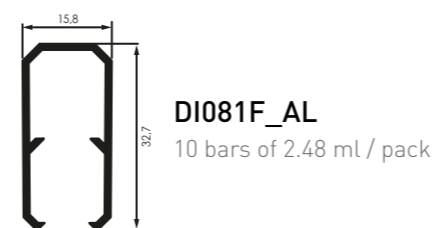
REINFORCEMENT ANGLES



LOCKING ANGLES



ALU FINISHING PROFILE

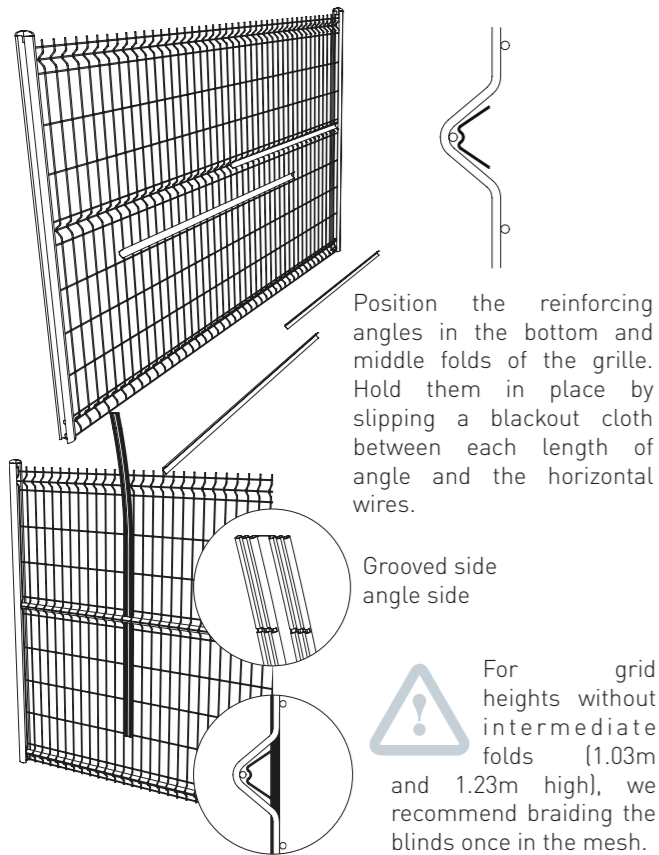


Straight installation (with angle)
Solid profiles, held in place by locking angles.

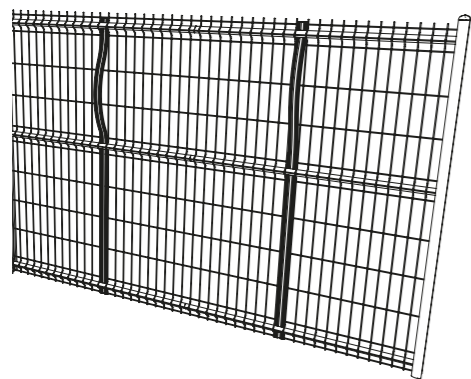
Standard heights available
1,03m / 1,23m / 1,43m / 1,53m / 1,73m / 1,93m / 2,03m
For specific heights, please contact the sales department on 02.41.49.80.90

Installation instructions

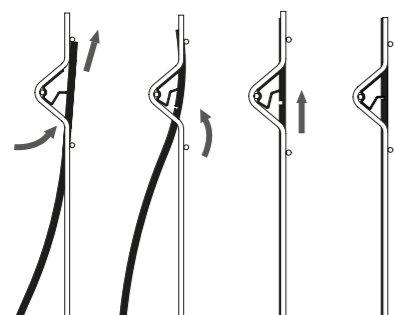
1. Position the reinforcing angles



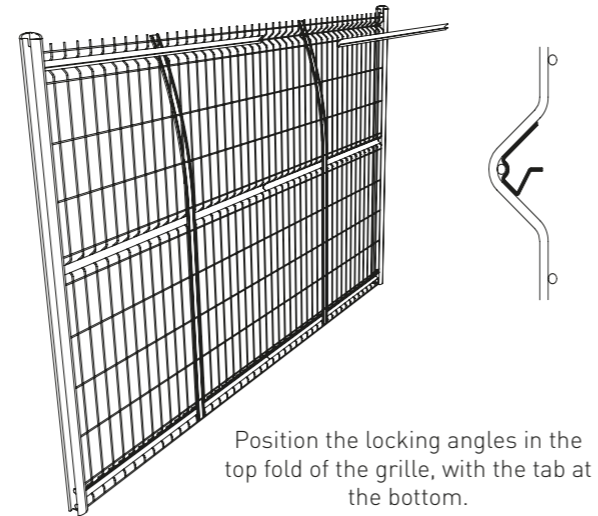
3. Insert privacy slats



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.

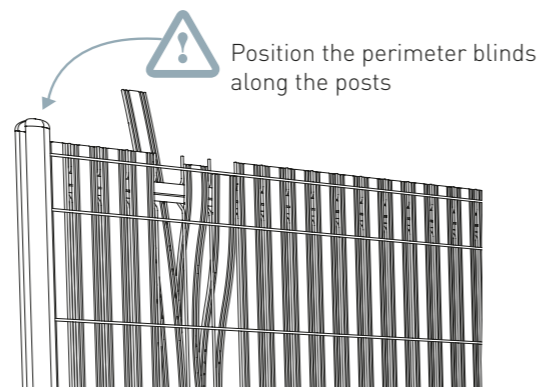


2. Position the LOCKING angles



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.



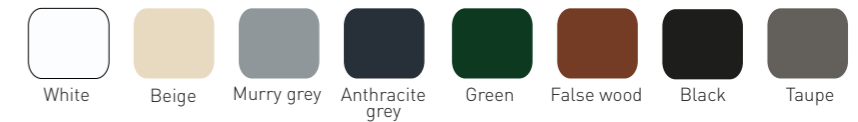
Option: Position the finishing profile at the top of the panel

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.

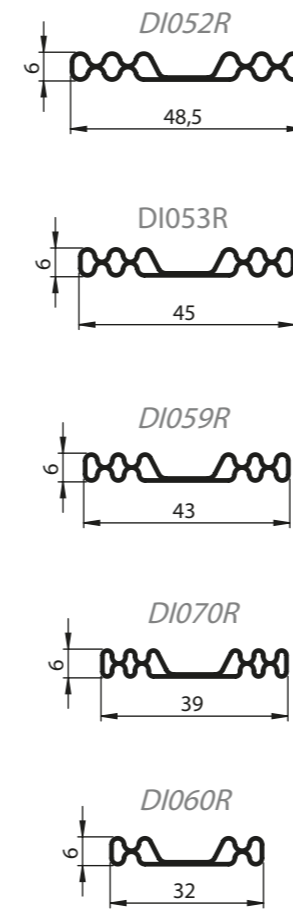
Privacy slats "Boréal collection"

Tubular privacy slats for mesh panels

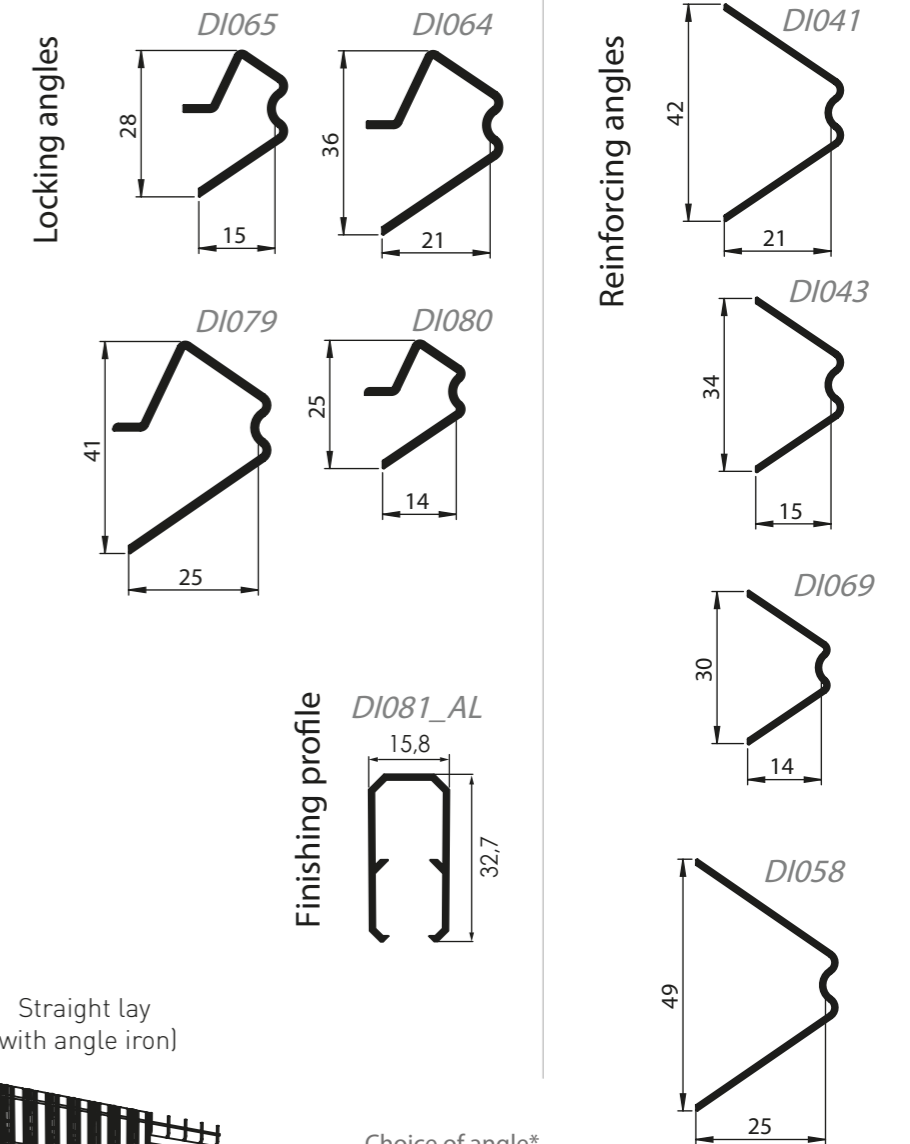
Available in cardboard and film kits: reference DIK9



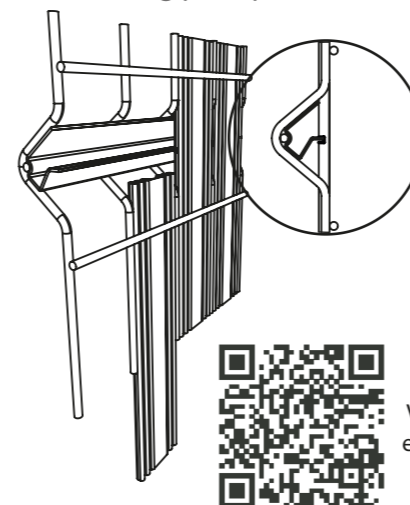
Profiles



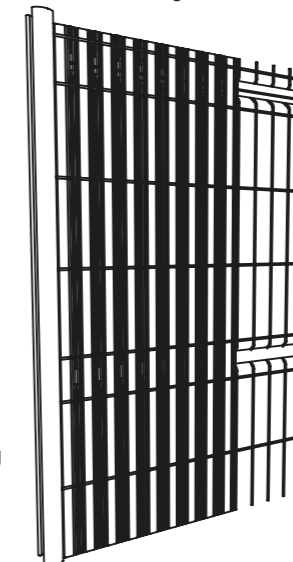
Accessory profiles



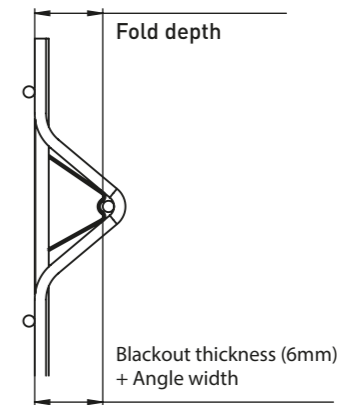
Locking principle



Straight lay (with angle iron)



Choice of angle*



Video editing

*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.

GEPLAST

Outdoor

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

